

Industrial price list 11-22.1

Valid from 01.06.2022

Collective garage doors and sports hall doors

Collective garage non-protruding up-and-over doors ET 500

Collective garage sliding doors ST 500

Operators and controls

Sports hall doors SP 500

Hörmann international sales companies and sales partners



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Hörmann international sales companies

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Hörmann international sales companies

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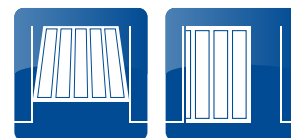
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Collective garage non-protruding up-and-over doors ET 500 and collective garage sliding doors ST 500



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Sports hall doors SP 500

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Operators and controls

For collective garage non-protruding up-and-over doors ET 500 and collective garage sliding doors ST 500



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Notes and sketches

Non-protruding up-and-over door for collective garages ET 500



Product description

General rules

The illustrations of the designs correspond to size 4500 × 2125 mm. Deviations may occur with other sizes.

The illustrations of the designs with wicket door correspond to size 4000 × 2125 mm. Deviations may occur with other sizes.

Door leaf

Door leaf frame made of 80 mm wide outer profiles and 60 mm wide centre profiles with 60 mm profile depth to hold door leaf infills. Top and bottom profile reinforcement from a door width of 4000 mm. Maximum door height 3000 mm.

• Style 402

Sheet steel infill, vertical ribbed sheet infill overlapping the frame, sheet thickness 0.5 mm, without perforations, primer powder-coating in White aluminium based on RAL 9006.

Max. door width 6000 mm

• Style 403

Welded grille infill on the inside with dimensions 100 × 100 × 5 mm, uniform field division with vertical struts, primer powder-coating in White aluminium based on RAL 9006, ventilation cross-section > 85 % of infill surface. A wicket door is not possible for this style.

Max. door width 6000 mm

• Style 412

RV 5/7 perforated steel sheet infill, galvanized, round perforation, ventilation cross-section 46.1 % of infill surface, uniform field division with vertical struts, primer powder-coating in White aluminium based on RAL 9006.

Max. door width 6000 mm
Max. door width with wicket door: 5000 mm

• Style 413

QG 10/15 perforated steel sheet infill, galvanized, square perforation, ventilation cross-section 44.4 % of infill surface, uniform field division with vertical struts, primer powder-coating in White aluminium based on RAL 9006.

Max. door width 6000 mm
Max. door width with wicket door: 5000 mm

• Style 414

Sheet steel infill, surface-mounted vertical ribbed sheet infill, sheet thickness 0.5 mm without perforation. RV 5/7 perforated steel sheet infill, round perforation, ventilation cross-section 46.1 % of infill surface or QG 10/15 perforated steel sheet, square perforation, ventilation cross-section 44.4 % of infill surface, uniform field division with vertical struts. Primer powder-coating in White aluminium based on RAL 9006.

Max. door width 6000 mm

• Style 420

Aluminium sheet infill, smooth aluminium sheet on the inside, sheet thickness 2.0 mm, no perforations, uniform field division with vertical struts, primer powder-coating in White aluminium based on RAL 9006.

Max. door width 6000 mm
Max. door width with wicket door: 5500 mm

• Style 422

Aluminium sheet infill, surface-mounted smooth aluminium sheet, sheet thickness 2.0 mm, no perforation, uniform field division through vertical struts, primer powder-coating in White aluminium based on RAL 9006.

Max. door width 6000 mm
Max. door width with wicket door: 5500 mm

• Style 432

RV 5/7 perforated aluminium sheet infill, round perforation, sheet thickness 2.0 mm, ventilation cross-section 46.1 % of infill surface, uniform field division with vertical struts, primer powder-coating in White aluminium based on RAL 9006.

Max. door width with / without wicket door: 6000 mm

• Style 433

QG 10/15 perforated aluminium sheet infill, square perforation, sheet thickness 2.0 mm, ventilation cross-section 44.4 % of infill surface, uniform field division with vertical struts, primer powder-coating in White aluminium based on RAL 9006.

Max. door width with / without wicket door: 6000 mm

• Style 440

Steel expanded mesh infill 43 × 10 × 2.5 mm, ventilation cross-section 50 %, uniform field division with vertical struts, primer powder-coating White aluminium based on RAL 9006.

Max. door width 6000 mm
Max. door width with wicket door: 5500 mm

• Style 470

Aluminium bars infill 20 × 20 × 2 mm screwed from the inside, distance between bars 100 mm, ventilation cross-section approx. 80 % primer powder-coating White aluminium based on RAL 9006.

Max. door width 6000 mm
Max. door width with wicket door: 6000 mm

• Style 480

Infill made of double-skinned, PU-foamed steel sections, 100 % CFC-free, Stucco-textured exterior and interior (manufactured from hot-galvanized steel), depth 42 mm,
- Section height 500 mm up to door height BRH 2125 mm,
- Section height 625 mm from door height 2130 mm,
Uniform ribbing in a 125 mm grid, exterior powder-coated in White aluminium based on RAL 9006, interior in Grey white based on RAL 9002.

Max. door width 5500 mm
Max. door width with wicket door: 5000 mm

• Style 405

For on-site infill overlapping the frame, with reinforcement struts

Up to 3495 mm width: 1 vertical strut
From 3500 mm width: 2 vertical struts
Up to 2500 mm height: 1 horizontal strut
From 2505 mm height: 2 horizontal struts

Perforated door leaf frame Ø 4 mm / Ø 10 mm every 30 mm, leaf frame and reinforcement struts powder-coated in White aluminium based on RAL 9006.

Max. door width 6000 mm
Max. door width with wicket door: 5000 mm

Information on the maximum infill weight can be found on the appropriate price pages.

• Style 400

For on-site infill inside the frame, unperforated leaf frame, uniform field division with vertical struts, leaf frame and struts powder-coated in White aluminium based on RAL 9006.

Max. door width 6000 mm
Max. door width with wicket door: 6000 mm

Information on the maximum infill weight can be found on the appropriate price pages.

• Style 499

Individual collective garage door, a combination of any of the style variants.

Primer powder-coating in White aluminium based on RAL 9006.

Max. door width 6000 mm
Max. door width with wicket door: 6000 mm

Non-protruding up-and-over door for collective garages ET 500



Product description

Door leaf for styles with wicket door

• Styles 412, 413, 432, 433, 420, 422, 470, 480, 405, 400 and 499 with wicket door

Wicket door as standard with overhead door closer, lock without profile cylinder (required profile cylinder length 40.5 / 40.5 mm, plus infill thickness for style 405), 3-way adjustable aluminium hinges, lever handle/lever handle, prepared for profile cylinder, black plastic.

Clear passage – width = at least 900 mm
Clear passage – height = BRH – 195 mm

Styles 420, 422 and 480 with wicket door

Wicket door seal, 3-sided door rebate and brush seal on the hinge side (see page 64).

Surface protection

- As standard, galvanized frame profiles have primer powder-coating in White aluminium based on RAL 9006.
- Color, preferred colours based on the RAL colour chart:

RAL 1015	Light ivory	RAL 7030	Stone grey
RAL 3003	Ruby red	RAL 7035	Light grey
RAL 5003	Sapphire blue	RAL 7040	Window grey
RAL 5011	Steel blue	RAL 8001	Ochre brown
RAL 5014	Pigeon blue	RAL 8003	Clay brown
RAL 6005	Moss green	RAL 8028	Terra brown
RAL 6009	Fir green	RAL 9007	Grey aluminium
RAL 7016	Anthracite grey	RAL 9016	Traffic white

- RAL to choose, based on the RAL colour chart
- Hörmann colour CH 703 Anthracite metallic
- Special colours

Door lock

The door is locked via the operator.

Counterbalance

Counterbalancing is done using counter weight technology with a double cable guide.

Seals

Side brush seal and EPDM bottom profile for optional fitting of a closing edge safety device.

Operators

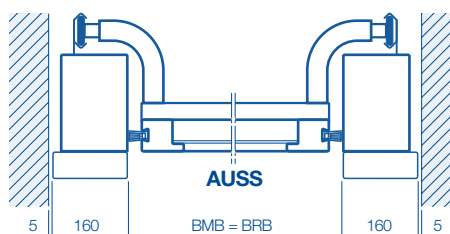
The SupraMatic HT operator is already included in the price tables for the collective garage non-protruding up-and-over door ET 500 (for a product description, see page 75). For a surcharge, the collective garage non-protruding up-and-over door ET 500 can be optionally fitted with a chain drive operator ITO 500 FU.

Doors with chain drive operator ITO 500 FU are always supplied with subframe.

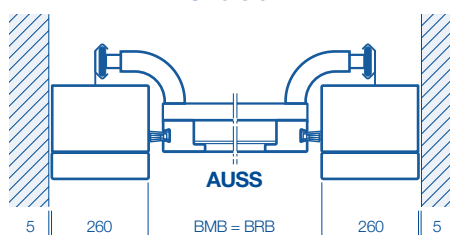
Optional subframe

A subframe made of galvanized hollow box section frames is optionally available for fitting situations without a lintel and/or sideroom.

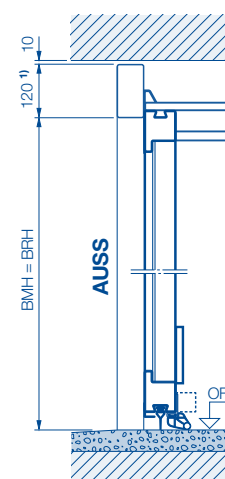
L version



S version



- 1) 160 mm for style 405 (on-site infill) and door with operator ITO 500 FU



AUSS	Exterior
BMB	Ordering size width
BMH	Ordering size height
BRB	Nominal size width
BRH	Nominal size height
HOZ	Transom light frame height
LDH	Clear passage height
OFF	Finished floor level
W	Total distance back of operator boom including operator head
XH	Required headroom

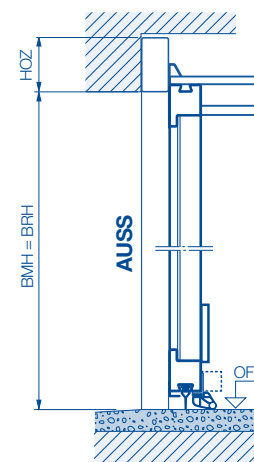
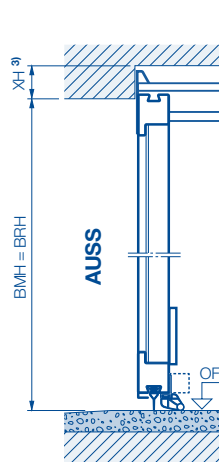
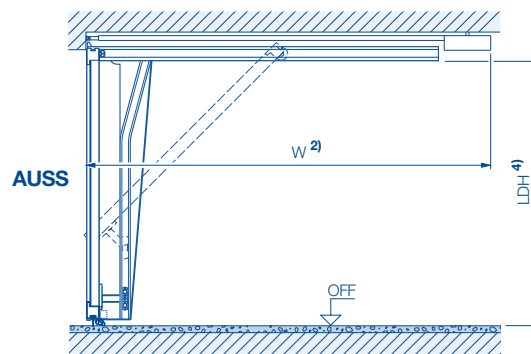
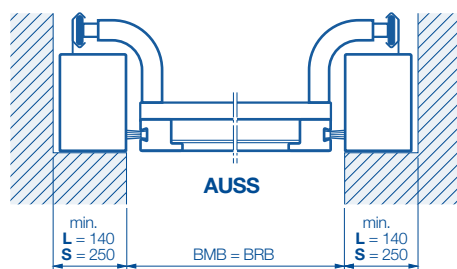
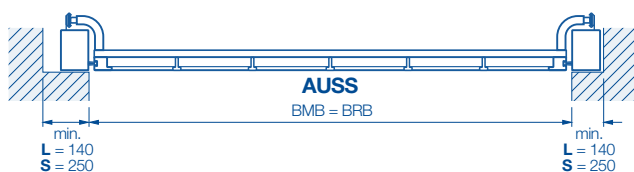
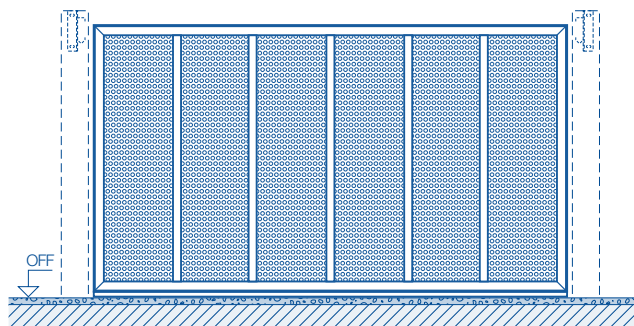
L	Lightweight version
S	Heavy version

Non-protruding up-and-over door for collective garages ET 500



Product description

Space requirements

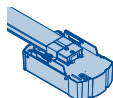
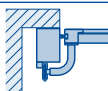
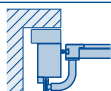
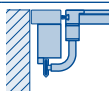
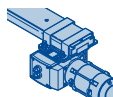
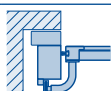
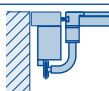


AUSS	Exterior
BMB	Ordering size width
BMH	Ordering size height
BRB	Nominal size width
BRH	Nominal size height
HOZ	Transom light frame height
LDH	Clear passage height
OFF	Finished floor level
W	Total distance back of operator boom including operator head
XH	Required headroom

Non-protruding up-and-over door for collective garages ET 500



Product description

2) W – distance back with operator				
Total length for SupraMatic HT	Up to opening height (BRH):	2250 mm	K boom	3200 mm
		2255 – 2500 mm	M boom	3450 mm
		2505 – 3000 mm	L boom	4125 mm
Total length for ITO 500 FU	Up to opening height (BRH):	2700 mm	K boom	3840 mm
		2705 – 3000 mm	M boom	4840 mm
3) XH – required headroom / HOZ – transom light frame height				
An optional subframe is available for fitting situations without a lintel and / or sideroom.				
				
Space requirement with operator SupraMatic HT		XH	HOZ	HOZ
	Doors with infill inside the frame	100 mm	120 mm	120 mm
	Doors with wicket door	100 mm	120 mm	120 mm
	Doors with infill overlapping the frame	Y + 100 mm	Y ≤ 20 = 120 mm Y > 20 = 160 mm	160 mm
				
Space requirement with operator ITO 500 FU			HOZ	HOZ
	Doors with infill inside the frame		120 mm	160 mm
	Doors with wicket door		120 mm	160 mm
	Doors with infill overlapping the frame		160 mm	160 mm
Y = Thickness of infill overlapping the frame				
4) LDH – clear passage height				
Fitting behind / in the opening	Up to nominal size width (BRB)	3995 mm	= BRH – 35 mm	
	From nominal size width (BRB)	4000 mm	= BRH – 75 mm	
	Up to nominal size width (BRB) with wicket door	3995 mm	= BRH – 85 mm	
	From nominal size width (BRB) with wicket door	4000 mm	= BRH – 85 mm	
Flush-fitting with subframe	Up to nominal size width (BRB)	3995 mm	= BRH + 25 mm	
	From nominal size width (BRB)	4000 mm	= BRH – 15 mm	
	Up to nominal size width (BRB) with wicket door	3995 mm	= BRH – 25 mm	
	From nominal size width (BRB) with wicket door	4000 mm	= BRH – 25 mm	

Collective garage sliding door ST 500



Product description

General rules

The illustrations of the designs correspond to size 4500 × 2125 mm. Deviations may occur with other sizes.

The illustrations of the designs with wicket door correspond to size 4000 × 2125 mm. Deviations may occur with other sizes.

Door leaf

Door leaf frame made of 80 mm wide outer profiles and 60 mm wide centre profiles with 60 mm profile depth to hold door leaf infills. Maximum door height 3000 mm.

• Style 402

Sheet steel infill, vertical ribbed sheet infill overlapping the frame, sheet thickness 0.5 mm, without perforations, primer powder-coating in White aluminium based on RAL 9006.

Max. door width 6000 mm

• Style 403

Welded grille infill on the inside with dimensions 100 × 100 × 5 mm, uniform field division with vertical struts, primer powder-coating in White aluminium based on RAL 9006, ventilation cross-section > 85 % of infill surface. A wicket door is not possible for this style.

Max. door width 6000 mm

• Style 412

RV 5/7 perforated steel sheet infill, galvanized, round perforation, ventilation cross-section 46.1 % of infill surface, uniform field division with vertical struts, primer powder-coating in White aluminium based on RAL 9006.

Max. door width 6000 mm
Max. door width with wicket door: 5000 mm

• Style 413

QG 10/15 perforated steel sheet infill, galvanized, square perforation, ventilation cross-section 44.4 % of infill surface, uniform field division with vertical struts, primer powder-coating in White aluminium based on RAL 9006.

Max. door width 6000 mm
Max. door width with wicket door: 5000 mm

• Style 414

Sheet steel infill, surface-mounted vertical ribbed sheet infill, sheet thickness 0.5 mm without perforation. RV 5/7 perforated steel sheet infill, round perforation, ventilation cross-section 46.1 % of infill surface or QG 10/15 perforated steel sheet, square perforation, ventilation cross-section 44.4 % of infill surface, uniform field division with vertical struts. Primer powder-coating in White aluminium based on RAL 9006.

Max. door width 6000 mm

• Style 420

Aluminium sheet infill, smooth aluminium sheet on the inside, sheet thickness 2.0 mm, no perforations, uniform field division with vertical struts, primer powder-coating in White aluminium based on RAL 9006.

Max. door width 6000 mm
Max. door width with wicket door: 5500 mm

• Style 422

Aluminium sheet infill, surface-mounted smooth aluminium sheet, Sheet thickness 2.0 mm, no perforation, uniform field division with vertical struts, primer powder-coating in White aluminium based on RAL 9006.

Max. door width 6000 mm
Max. door width with wicket door: 5500 mm

• Style 432

RV 5/7 perforated aluminium sheet infill, round perforation, sheet thickness 2.0 mm, ventilation cross-section 46.1 % of infill surface, uniform field division with vertical struts, primer powder-coating in White aluminium based on RAL 9006.

Max. door width with / without wicket door: 6000 mm

• Style 433

QG 10/15 perforated aluminium sheet infill, square perforation, sheet thickness 2.0 mm, ventilation cross-section 44.4 % of infill surface, uniform field division with vertical struts, primer powder-coating in White aluminium based on RAL 9006.

Max. door width with / without wicket door: 6000 mm

• Style 440

Steel expanded mesh infill 43 × 10 × 2.5 mm, ventilation cross-section 50 %, uniform field division with vertical struts, primer powder-coating White aluminium based on RAL 9006.

Max. door width 6000 mm
Max. door width with wicket door: 5500 mm

• Style 470

Aluminium bars infill 20 × 20 × 2 mm screwed from the inside, distance between bars 100 mm, ventilation cross-section approx. 80 % primer powder-coating White aluminium based on RAL 9006.

Max. door width 6000 mm
Max. door width with wicket door: 6000 mm

• Style 480

Infill made of double-skinned, PU-foamed steel sections, 100 % CFC-free, Stucco-textured exterior and interior (manufactured from hot-galvanized steel), depth 42 mm,
- Section height 500 mm up to door height BRH 2125 mm,
- Section height 625 mm from door height 2130 mm,
Uniform ribbing in a 125 mm grid, exterior powder-coated in White aluminium based on RAL 9006, interior in Grey white based on RAL 9002.

Max. door width 5500 mm
Max. door width with wicket door: 5000 mm

• Style 405

For on-site infill overlapping the frame, with reinforcement struts

Up to 3495 mm width: 1 vertical strut
From 3500 mm width: 2 vertical struts
Up to 2500 mm height: 1 horizontal strut
From 2505 mm height: 2 horizontal struts

Perforated door leaf frame Ø 4 mm / Ø 10 mm every 30 mm, leaf frame and reinforcement struts powder-coated in White aluminium based on RAL 9006.

Max. door width 6000 mm
Max. door width with wicket door: 5000 mm

• Style 400

For on-site infill inside the frame, unperforated leaf frame, uniform field division with vertical struts, leaf frame and struts powder-coated in White aluminium based on RAL 9006.

Max. door width 6000 mm
Max. door width with wicket door: 6000 mm

• Style 499

Individual collective garage door, a combination of any of the style variants.

Primer powder-coating in White aluminium based on RAL 9006.

Max. door width 6000 mm
Max. door width with wicket door: 6000 mm

Collective garage sliding door ST 500



Product description

Door leaf for styles with wicket door

- **Styles 412, 413, 432, 433, 420, 422, 470, 480, 405, 400 and 499 with wicket door**

Wicket door as standard with overhead door closer, lock without profile cylinder (required profile cylinder length 40.5 / 40.5 mm, plus infill thickness for style 405), with concealed hinges, interior lever handle / exterior pull handle, prepared for profile cylinder, black plastic.

Clear passage – width = at least 900 mm
Clear passage – height = BRH – 210 mm

Styles 420, 422 and 480 with wicket door

Wicket door seal, 3-sided door rebate and brush seal on the hinge side (see page 64).

Subframe

The scope of delivery includes a subframe made of galvanized square tubes (100 x 40), preassembled with the top boom. Additional primer powder-coating in the colour of the door leaf is also available.

Door leaf surface protection

- As standard, galvanized frame profiles have primer powder-coating in White aluminium based on RAL 9006.
- Color, preferred colours based on the RAL colour chart:

RAL 1015	Light ivory	RAL 7030	Stone grey
RAL 3003	Ruby red	RAL 7035	Light grey
RAL 5003	Sapphire blue	RAL 7040	Window grey
RAL 5011	Steel blue	RAL 8001	Ochre brown
RAL 5014	Pigeon blue	RAL 8003	Clay brown
RAL 6005	Moss green	RAL 8028	Terra brown
RAL 6009	Fir green	RAL 9007	Grey aluminium
RAL 7016	Anthracite grey	RAL 9016	Traffic white
- RAL to choose, based on the RAL colour chart
- Hörmann colour CH 703 Anthracite metallic
- Special colours

Door lock

The door is locked via the operator.

Seals

Front and rear closing edge with rubber seal as trap protection.

Operators

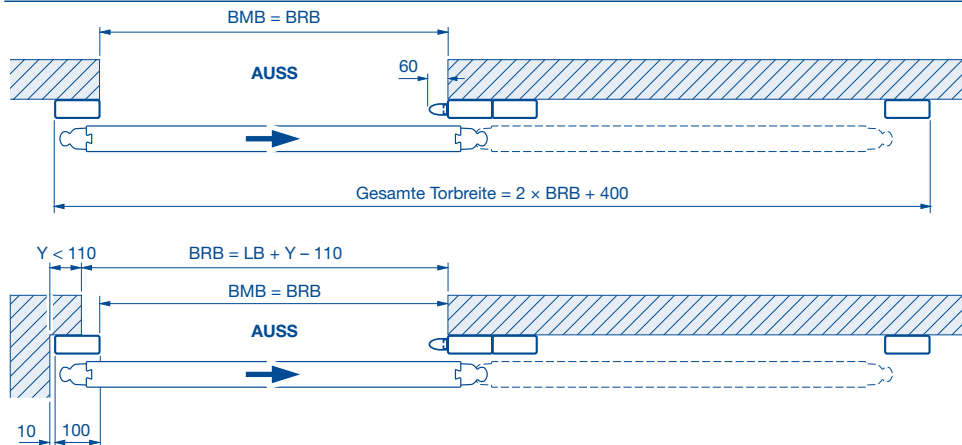
The SupraMatic HT operator is already included in the price tables for the collective garage sliding door ST 500 (for a product description, see page 75). For a surcharge, the collective garage sliding door ST 500 can be optionally fitted with a chain drive operator ITO 500 FU.

Collective garage sliding door ST 500

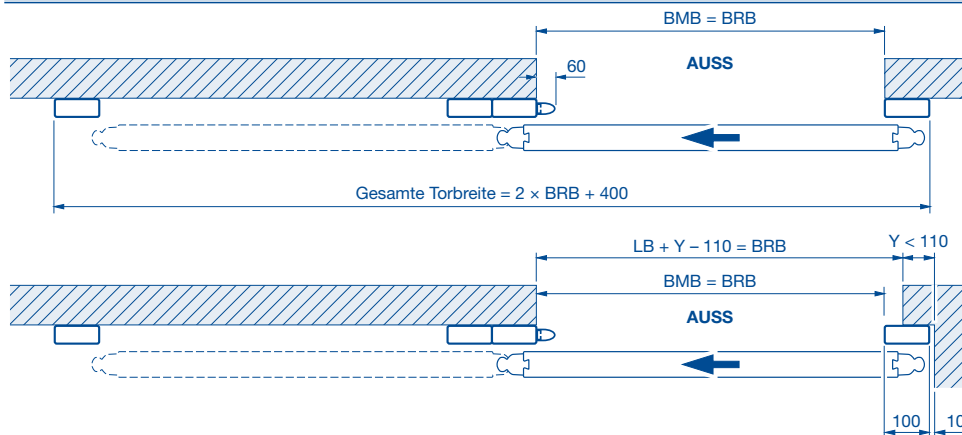


Product description

Sideroom for door opening to the right

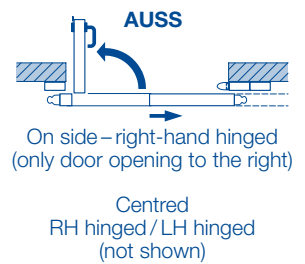


Sideroom for door opening to the left



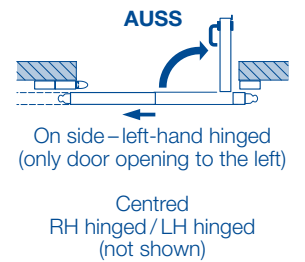
Wicket door

Opening outwards



Wicket door

Opening outwards



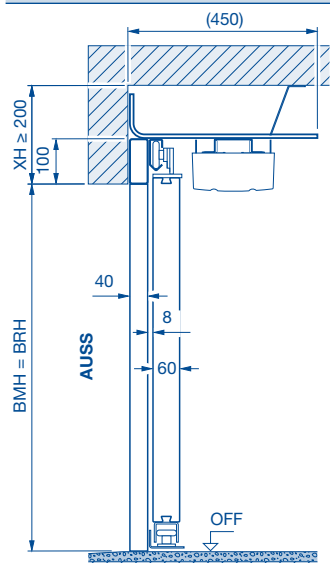
AUSS	Exterior
BMB	Ordering size width
BMH	Ordering size height
BRB	Nominal size width
BRH	Nominal size height
LB	Clear width
LH	Clear height
LDB	Clear passage width
LDH	Clear passage height
RAMB	Overall frame dimension width = ordering size
RAMH	Overall frame dimension height = ordering size
XH	Required headroom
Y	Sideroom width

Collective garage sliding door ST 500

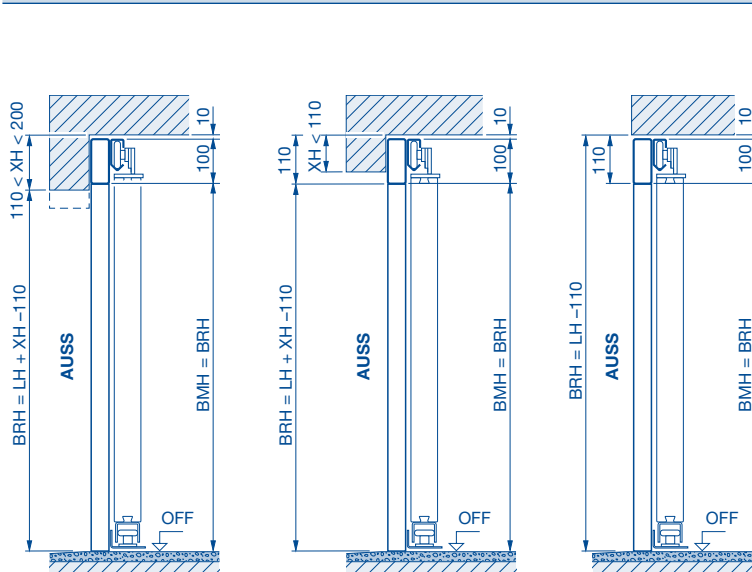


Product description

Lintel fixing



Ceiling fixing



Clear passage width = $BRB - 60$
Clear passage height = BRH

- AUSS** Exterior
- BMB** Ordering size width
- BMH** Ordering size height
- BRB** Nominal size width
- BRH** Nominal size height
- LB** Clear width
- LH** Clear height
- LDB** Clear passage width
- LDH** Clear passage height
- RAMB** Overall frame dimension width = ordering size
- RAMH** Overall frame dimension height = ordering size
- XH** Required headroom
- Y** Sideroom width

Side door

For collective garage non-protruding up-and-over doors ET 500 and sliding doors ST 500

Product description



General rules

Single-leaf door sets, max. door width 1500 mm, max. door height 3000 mm.
The illustrations of the designs correspond to size 1000 x 2125 mm. Deviations may occur with other sizes.

Door leaf

- Style 402**
 Sheet steel infill, vertical ribbed sheet infill overlapping the frame, sheet thickness 0.5 mm, without perforations, primer powder-coating in White aluminium based on RAL 9006.
- Style 403**
 Welded grille infill on the inside with dimensions 100 x 100 x 5 mm, primer powder-coating in White aluminium based on RAL 9006, ventilation cross-section > 85 % of infill surface.
- Style 412**
 Perforated steel sheet infill RV 5/7, round perforation, ventilation cross-section 46.1 % of the infill surface, primer powder-coating in White aluminium based on RAL 9006.
- Style 413**
 Perforated steel sheet infill QG 10/15, square perforation, ventilation cross-section 44.4 % of the infill surface, primer powder-coating in White aluminium based on RAL 9006.
- Style 414**
 Sheet steel infill, surface-mounted vertical ribbed sheet infill, sheet thickness 0.5 mm without perforation. Perforated steel sheet infill RV 5/7, round perforation, ventilation cross-section 46.1 % of infill surface or perforated steel sheet QG 10/15, square perforation, ventilation cross-section 44.4 % of infill surface. Primer powder-coating in White aluminium based on RAL 9006.
- Style 420**
 Aluminium sheet infill, smooth aluminium sheet on the inside, sheet thickness 2.0 mm, no perforations, primer powder-coating in White aluminium based on RAL 9006.
- Style 422**
 Aluminium sheet infill, surface-mounted smooth aluminium sheet, sheet thickness 2.0 mm, no perforations, primer powder-coating in White aluminium based on RAL 9006.
- Style 432**
 Perforated aluminium sheet infill RV 5/7, round perforation, sheet thickness 2.0 mm, ventilation cross-section 46.1 % of the infill surface, primer powder-coating in White aluminium based on RAL 9006.
- Style 433**
 Perforated aluminium sheet infill QG 10/15, square perforation, sheet thickness 2.0 mm, ventilation cross-section 44.4 % of the infill surface, primer powder-coating in White aluminium based on RAL 9006.
- Style 440**
 Steel expanded mesh infill 43 x 10 x 2.5 mm, ventilation cross-section 50 %, primer powder-coating in White aluminium based on RAL 9006.
- Style 470**
 Aluminium bars infill 20 x 20 x 2 mm screwed from the inside, distance between bars 100 mm, ventilation cross-section approx. 80 %. Primer powder-coating in White aluminium based on RAL 9006.
- Style 480**
 Infill made of double-skinned, PU-foamed steel sections, 100 % CFC-free, Stucco-textured exterior and interior (manufactured from hot-galvanized steel), depth 42 mm, exterior powder-coated in White aluminium based on RAL 9006, interior in Grey white based on RAL 9002.
- Style 405**
 For on-site infill overlapping the frame, leaf frame perforation Ø 4 mm / Ø 10 mm every 30 mm, leaf frame with primer powder-coating in White aluminium based on RAL 9006.
- Style 400**
 For on-site infill inside the frame, unperforated leaf frame, primer powder-coating in White aluminium based on RAL 9006.

Frame

- Frame made of galvanized square tubes (60 x 60 mm), powder-coated in the colour of the door leaf.

Surface protection

- As standard, galvanized frame profiles have primer powder-coating in White aluminium based on RAL 9006.
- Color, preferred colours based on the RAL colour chart:

RAL 1015	Light ivory	RAL 7030	Stone grey
RAL 3003	Ruby red	RAL 7035	Light grey
RAL 5003	Sapphire blue	RAL 7040	Window grey
RAL 5011	Steel blue	RAL 8001	Ochre brown
RAL 5014	Pigeon blue	RAL 8003	Clay brown
RAL 6005	Moss green	RAL 8028	Terra brown
RAL 6009	Fir green	RAL 9007	Grey aluminium
RAL 7016	Anthracite grey	RAL 9016	Traffic white
- RAL to choose, based on the RAL colour chart
- Hörmann colour CH 703 Anthracite metallic
- Special colours

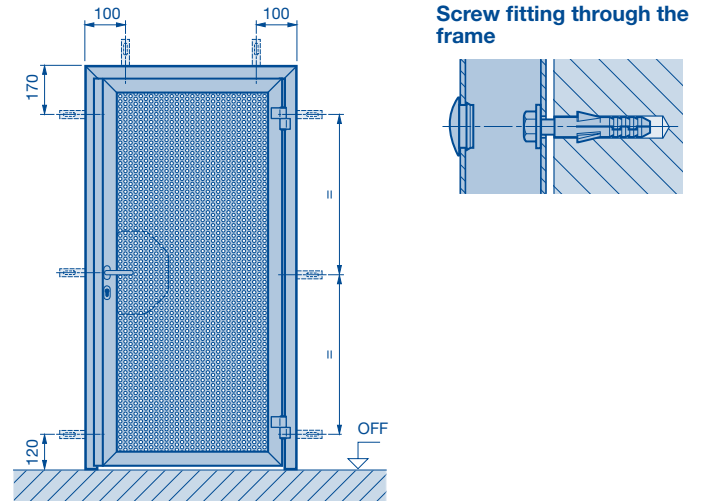
Fittings and locking

Side door with lever handle / lever handle as standard, prepared for profile cylinder, black plastic, lock without profile cylinder (required profile cylinder length 40.5 / 40.5 mm, plus infill thickness for style 405), 3-way aluminium hinges. The clear passage width is reduced if the opening angle is less than 180°.

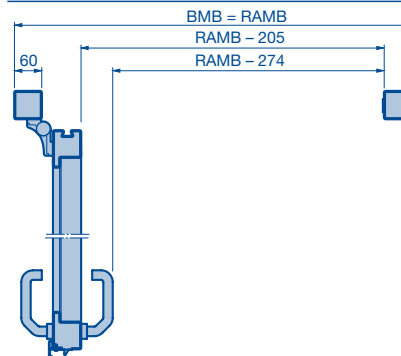
Notice:

Side doors cannot be driven.

Optimum arrangement of anchors / fixing points



Clear passage width at an opening angle of 90°



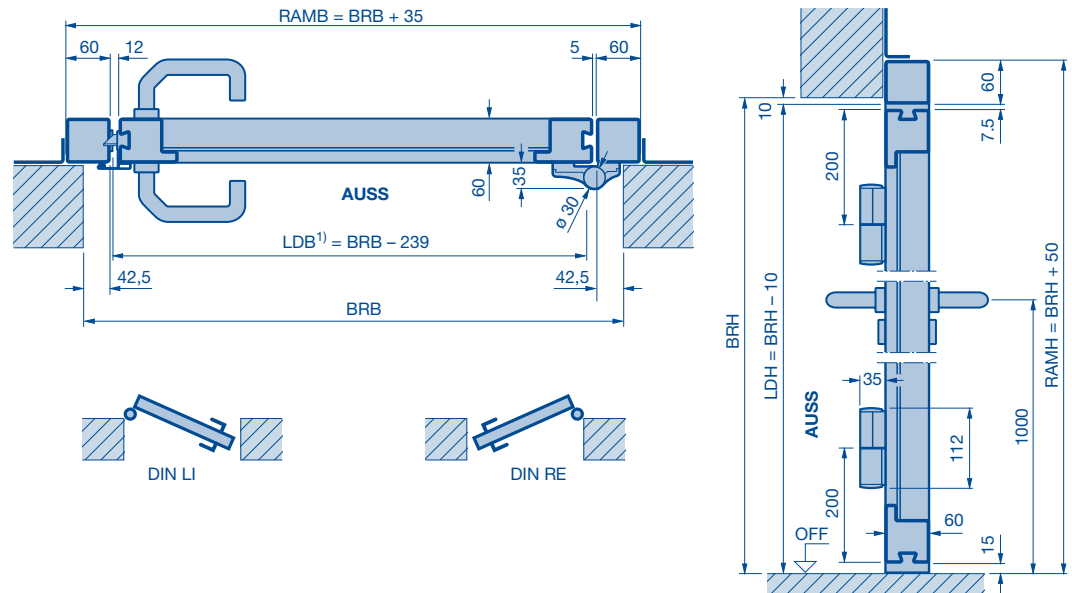
For collective garage non-protruding up-and-over doors ET 500 and sliding doors ST 500



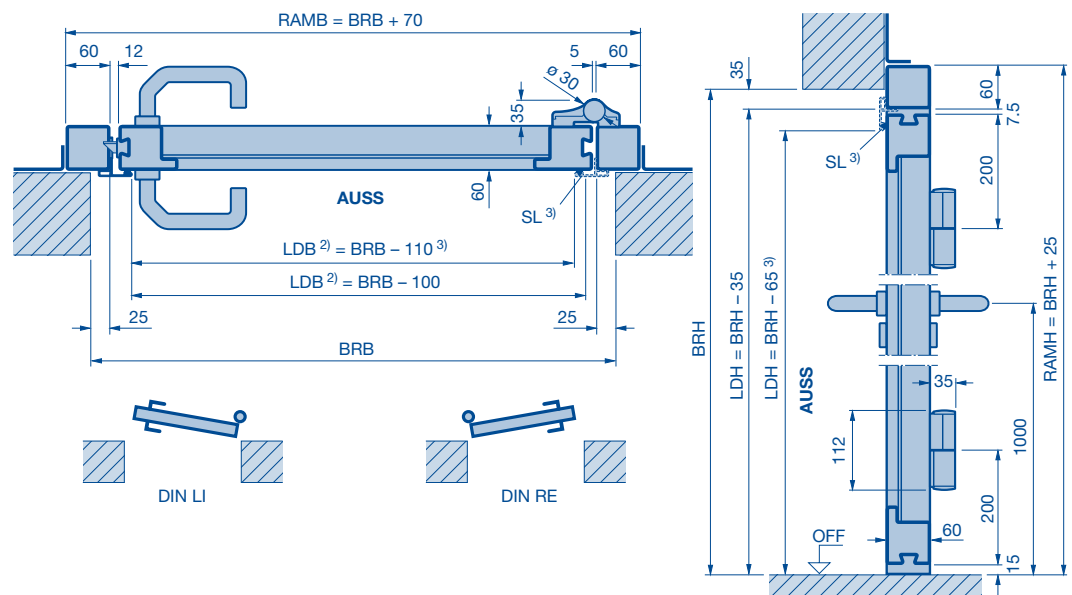
Product description

Fitting dimensions

Fitting behind the opening, opening outwards



Fitting behind the opening, opening inwards



- | | |
|-------------|--|
| AUSS | Exterior |
| BRB | Nominal size width |
| BRH | Nominal size height |
| LDB | Clear passage width |
| LDH | Clear passage height |
| LI | Left |
| RAMB | Overall frame dimension width = ordering size |
| RAMH | Overall frame dimension height = ordering size |
| RE | Right |

- 1) LDB at an opening angle of 90°
- 2) LDB at an opening angle of 180°
- 3) **SL** meeting style all-round on 3 sides, standard for styles 420, 422 and 480

Side door

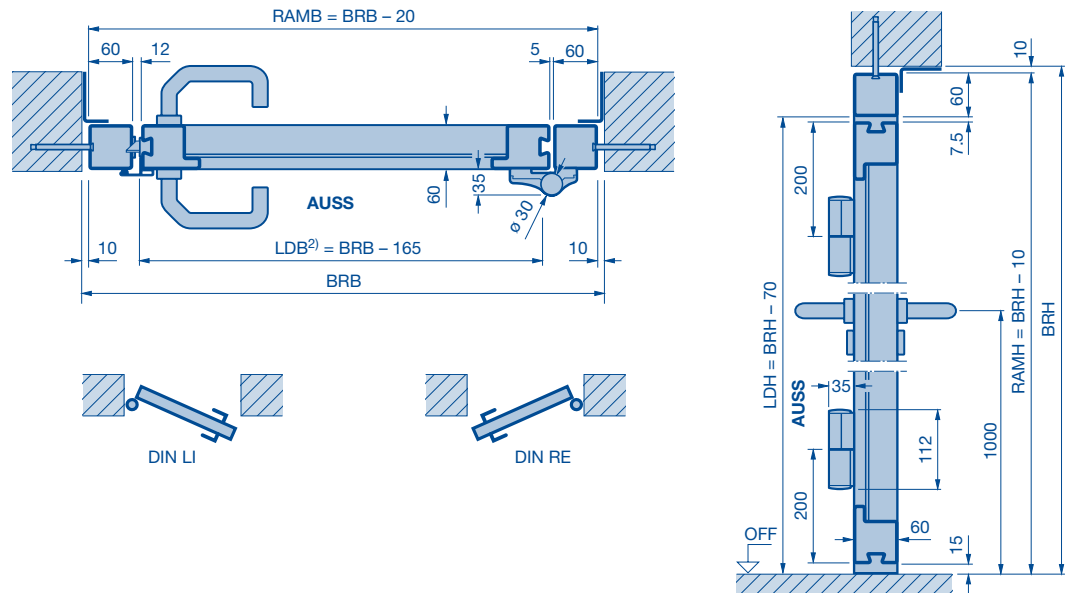
For collective garage non-protruding up-and-over doors ET 500 and sliding doors ST 500

Product description

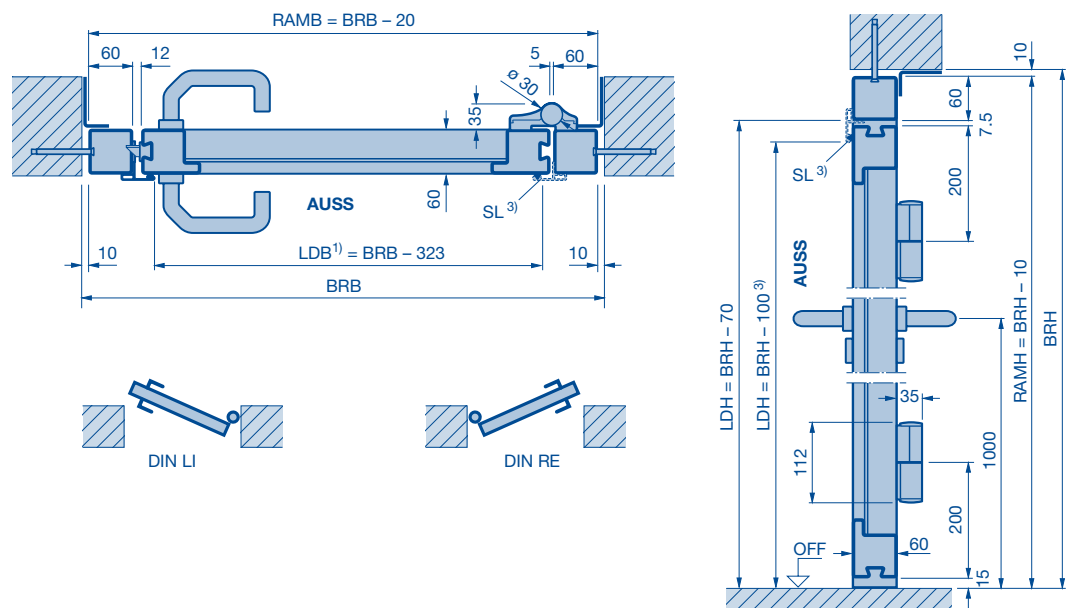


Fitting dimensions

Fitting in the opening, opening outwards



Fitting in the opening, opening inwards



AUSS	Exterior
BRB	Nominal size width
BRH	Nominal size height
LDB	Clear passage width
LDH	Clear passage height
LI	Left
RAMB	Overall frame dimension width = ordering size
RAMH	Overall frame dimension height = ordering size
RE	Right

- 1) LDB at an opening angle of 90°
- 2) LDB at an opening angle of 180°
- 3) **SL** meeting style all-round on 3 sides, standard for styles 420, 422 and 480

Side door

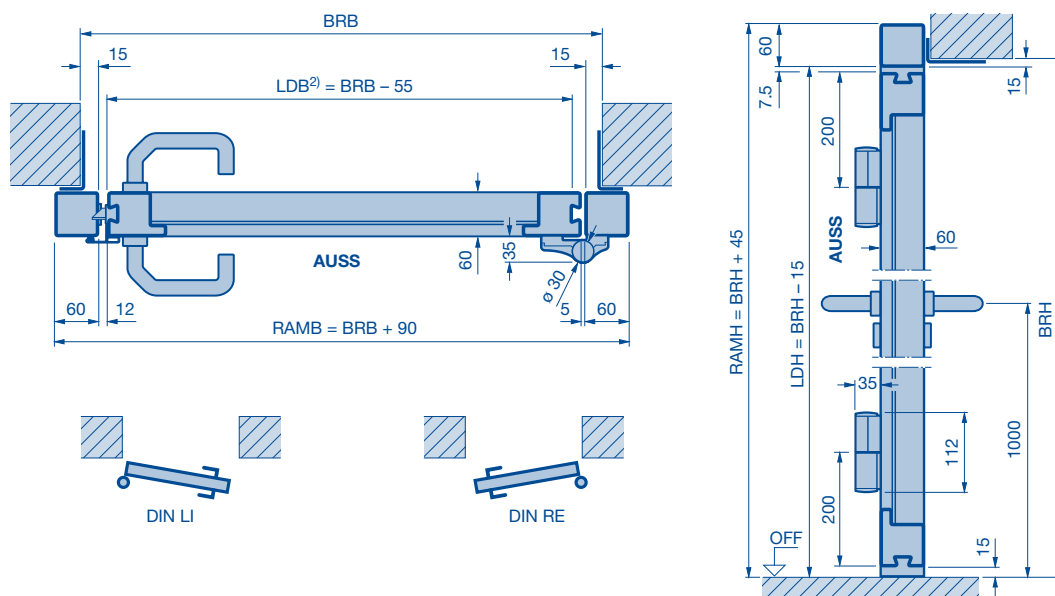
For collective garage non-protruding up-and-over doors ET 500 and sliding doors ST 500

Product description

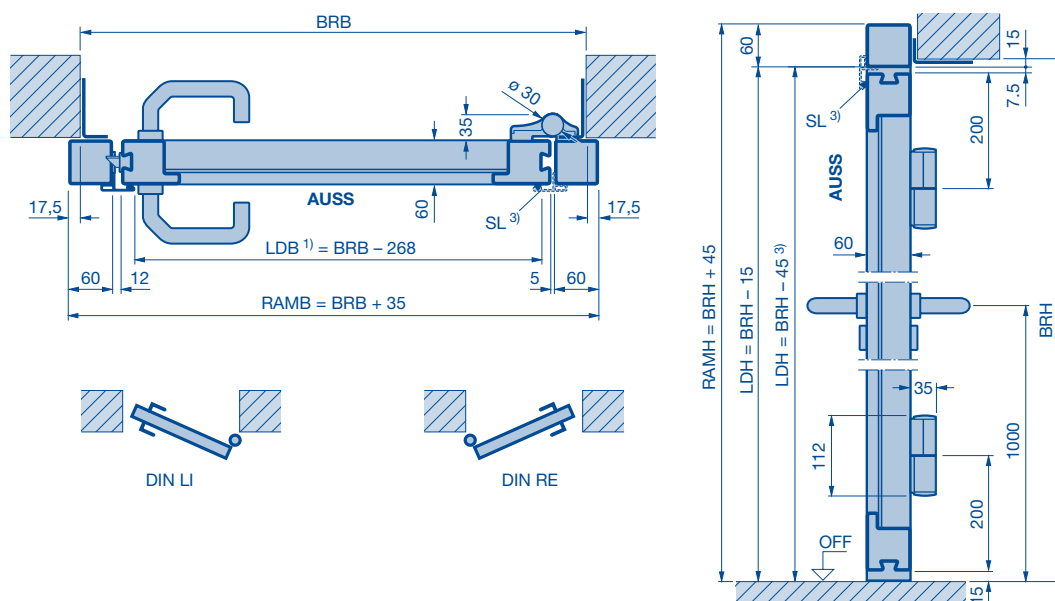


Fitting dimensions

Fitting in front of the opening,
opening outwards



Fitting in front of the opening,
opening inwards



- AUSS** Exterior
BRB Nominal size width
BRH Nominal size height
LDB Clear passage width
LDH Clear passage height
LI Left
RAMB Overall frame dimension width = ordering size
RAMH Overall frame dimension height = ordering size
RE Right

- 1) LDB at an opening angle of 90°
 2) LDB at an opening angle of 180°
 3) **SL** meeting style all-round on 3 sides, standard for styles 420, 422 and 480

Collective garage non-protruding up-and-over doors ET 500

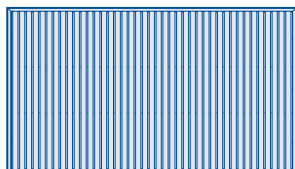
With operator SupraMatic HT

Style 402 – infill with vertical ribbed steel sheet overlapping the frame



For a product description, see from page 4

Style 402 – with vertical ribbed sheet
infill overlapping the frame



Collective garage door ET 500 including
operator SupraMatic HT

- Side guide
- One-way photocell (pre-assembled at the factory)

ET 500	Lightweight version
ET 500	Heavy version

Ordering size = BRH (nominal size height)	3000	6246	6566	7160	7204	7447	7954	8381	8471	8691	9349	9401	9668	9724		
	2875	6118	6424	6967	7046	7297	7754	8163	8173	8498	9047	9097	9362	9406		
	2750	5985	6278	6774	6807	7154	7551	7946	7966	8308	8739	8795	9056	9087	9122	
	2625	5858	6137	6583	6642	7001	7351	7731	7756	8115	8435	8579	8750	8851	8905	9033
	2500	5396	5659	6054	6152	6519	6815	7179	7208	7591	7800	7859	8112	8199	8269	8573
	2375	5293	5544	5935	6031	6377	6672	7023	7049	7395	7496	7631	7805	7964	8049	8440
	2250	5188	5432	5813	5903	6246	6467	6871	6905	7223	7446	7587	7645	7829	8004	8312
	2125	5060	5293	5626	5774	6104	6318	6654	6740	7054	7268	7522	7626	7655	7841	8198
	2000	4940	5150	5477	5620	5958	6170	6489	6525	6882	7091	7393	7456	7631	7834	8123
	2250	2500	2750	3000	3250	3500	3750	4000	4250	4500	4750	5000	5250	5500	5750	6000
Ordering size = BRB (nominal size width)																

Notice:

Non-protruding up-and-over door ET 500 with driveway / inclination, max. BRH 2500 mm

Color	€ per m ²	49
RAL to choose and CH 703	€ per m ²	88
Special colours	€ per m ²	169
Accessories for collective garage non-protruding up-and-over doors ET 500 and sliding doors ST 500	See from page 64	
Special operator accessories for SupraMatic HT operators	See from page 76	
Chain drive operator ITO 500 FU with control 560 as well as operator accessories	See page 78	
Operator accessories for SupraMatic HT and ITO 500 FU operators	See from page 82	

Collective garage non-protruding up-and-over doors ET 500

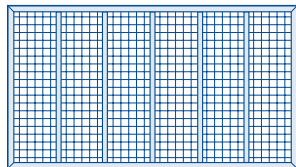
With operator SupraMatic HT

Style 403 – infill with 100 × 100 × 5 mm welded grille inside the frame



For a product description, see from page 4

Style 403 – with 100 × 100 × 5 mm welded grille inside the frame



Collective garage door ET 500 including operator SupraMatic HT

- Side guide
- One-way photocell (pre-assembled at the factory)

ET 500	Lightweight version
ET 500	Heavy version

Ordering size = BRH (nominal size height)	3000	6646	6948	7527	7626	7918	8125	8499	8602	8728	9979	10565	10986	11167	11342	11533
	2875	6492	6785	7320	7358	7738	7921	8321	8424	8559	9693	10225	10600	10764	10970	11236
	2750	6339	6626	7112	7174	7561	7730	8103	8169	8387	9499	9896	10225	10378	10609	10838
	2625	6185	6466	6905	6999	7386	7539	7888	7997	8227	9351	9504	9863	10116	10261	10456
	2500	5706	5974	6365	6483	6881	7020	7595	7693	8062	8632	8819	9163	9351	9530	9835
	2375	5581	5841	6302	6343	6704	6962	7419	7484	7896	8164	8507	8765	9017	9205	9624
	2250	5461	5710	6088	6193	6546	6798	7231	7327	7764	8059	8384	8521	8791	9058	9441
	2125	5312	5557	5887	6052	6387	6612	6969	7180	7535	7819	8107	8423	8533	8801	9253
	2000	5179	5404	5680	5875	6224	6450	6790	7059	7411	7688	7979	8301	8433	8707	9085
		2250	2500	2750	3000	3250	3500	3750	4000	4250	4500	4750	5000	5250	5500	5750
Ordering size = BRB (nominal size width)																

Notice:

Non-protruding up-and-over door ET 500 with driveway / inclination, max. BRH 2500 mm

Color	€ per m ²	49
RAL to choose and CH 703	€ per m ²	88
Special colours	€ per m ²	169
Accessories for collective garage non-protruding up-and-over doors ET 500 and sliding doors ST 500	See from page 64	
Special operator accessories for SupraMatic HT operators	See from page 76	
Chain drive operator ITO 500 FU with control 560 as well as operator accessories	See page 78	
Operator accessories for SupraMatic HT and ITO 500 FU operators	See from page 82	

Collective garage non-protruding up-and-over doors ET 500

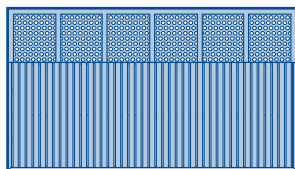
With operator SupraMatic HT



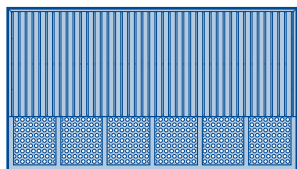
Style 414 – infill with vertical ribbed steel sheet overlapping the frame and perforated steel sheet

For a product description, see from page 4

Style 414 with surface-mounted vertical ribbed sheet infill and perforated sheet infill at top or bottom



Style 414
With top perforated steel sheet



Style 414
With bottom perforated steel sheet

Notice:

- Please indicate round / square perforation on the order.
- Standard height of the perforated sheet infill 590 mm.

Collective garage door ET 500 including operator SupraMatic HT

- Side guide
- One-way photocell (pre-assembled at the factory)

ET 500

Lightweight version

ET 500

Heavy version

Ordering size = BRH (nominal size height)	3000	7413	7904	8543	8648	9062	9620	11024	11080	11332	12115	12176	12320	12611		
	2875	7260	7737	8323	8460	8883	9384	10616	10800	11096	11683	11857	12088	12326		
	2750	7111	7565	8107	8194	8702	9149	10363	10398	11034	11422	11538	11915	12091	12200	
	2625	6960	7398	7889	8002	8520	8914	9958	10152	10630	11079	11465	11681	11810	11902	12104
	2500	6481	6906	7342	7484	8013	8349	9376	9576	9917	10406	10805	10923	11368	11599	11930
	2375	6356	6766	7194	7337	7840	8170	8569	9216	9606	10059	10573	10650	11085	11299	11754
	2250	6228	6626	7047	7179	7676	7939	8380	8723	9395	9657	10187	10289	10744	11079	11580
	2125	6081	6465	6831	7019	7504	7754	8123	8521	9184	9431	9842	9980	10519	10703	11171
	2000	5933	6292	6653	6827	7319	7566	7918	8265	8964	9203	9659	9755	10050	10476	10880
	2250	2500	2750	3000	3250	3500	3750	4000	4250	4500	4750	5000	5250	5500	5750	6000
Ordering size = BRB (nominal size width)																

Notice:

Non-protruding up-and-over door ET 500 with driveway / inclination, max. BRH 2500 mm

Color	€ per m ²	49
RAL to choose and CH 703	€ per m ²	88
Special colours	€ per m ²	169
Accessories for collective garage non-protruding up-and-over doors ET 500 and sliding doors ST 500	See from page 64	
Special operator accessories for SupraMatic HT operators	See from page 76	
Chain drive operator ITO 500 FU with control 560 as well as operator accessories	See page 78	
Operator accessories for SupraMatic HT and ITO 500 FU operators	See from page 82	

Collective garage non-protruding up-and-over doors ET 500

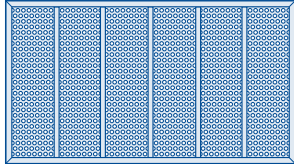
With operator SupraMatic HT

Style 412 and 413 – infill with perforated steel sheet

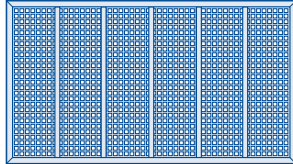


For a product description, see from page 4

Style 412 – perforated sheet, round



Style 413 – perforated sheet, square



Collective garage door ET 500 including operator SupraMatic HT

- Side guide
- One-way photocell (pre-assembled at the factory)

ET 500	Lightweight version
ET 500	Heavy version

Ordering size = BRH (nominal size height)	3000	7408	7811	8571	8680	9174	9773	11121	11265	11492	11900					
	2875	7228	7619	8321	8458	8954	9501	10765	10908	11208	11607					
	2750	7047	7428	8077	8232	8736	9234	10405	10553	10927	11315	11683				
	2625	6866	7237	7830	8021	8521	8963	10044	10200	10647	11023	11570	11885			
	2500	6353	6708	7250	7453	7971	8357	9351	9508	10033	10397	10920	11031	11550		
	2375	6199	6543	7078	7272	7760	8139	8634	9247	9767	10110	10622	10709	11215		
	2250	6045	6373	6888	7080	7554	7868	8403	8534	9487	9822	10318	10399	10883	11204	11680
	2125	5865	6183	6642	6886	7344	7645	8107	8286	9205	9524	10004	10096	10549	10860	11329
	2000	5693	5991	6440	6666	7124	7426	7863	7998	8928	9236	9692	9774	10215	10515	10964
	2250	2500	2750	3000	3250	3500	3750	4000	4250	4500	4750	5000	5250	5500	5750	6000
Ordering size = BRB (nominal size width)																
No. of fields	3 up to 2485	4 to 3260				5 to 4035			6 up to 4810			7 to 5585		8 to 6000		

Notice:

Non-protruding up-and-over door ET 500 with driveway / inclination, max. BRH 2500 mm

Color	€ per m ²	49
RAL to choose and CH 703	€ per m ²	88
Special colours	€ per m ²	169
Accessories for collective garage non-protruding up-and-over doors ET 500 and sliding doors ST 500	See from page 64	
Special operator accessories for SupraMatic HT operators	See from page 76	
Chain drive operator ITO 500 FU with control 560 as well as operator accessories	See page 78	
Operator accessories for SupraMatic HT and ITO 500 FU operators	See from page 82	

Collective garage non-protruding up-and-over doors ET 500

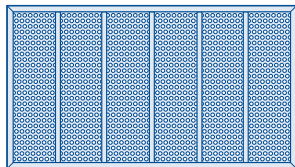
With operator SupraMatic HT

Style 432 and 433 – infill with aluminium perforated sheet

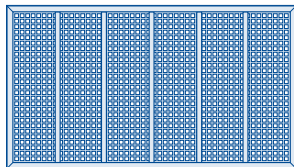


For a product description, see from page 4

Style 432 – perforated sheet, round



Style 433 – perforated sheet, square



Collective garage door ET 500 including operator SupraMatic HT

- Side guide
- One-way photocell (pre-assembled at the factory)

ET 500

Lightweight version

ET 500

Heavy version

Ordering size = BRH (nominal size height)	3000	8114	8585	9412	9597	10157	10828	12246	12462	12759	13240	14126	14182	14586	15231	15888
	2875	7903	8360	9140	9337	9906	10516	11844	12058	12425	12895	13682	13926	14191	14820	15454
	2750	7696	8139	8851	9075	9648	10203	11439	11655	12091	12543	13308	13546	13625	14406	15021
	2625	7483	7915	8574	8819	9382	9885	11032	11246	11756	12195	12808	13182	13400	14006	14585
	2500	6938	7356	7954	8218	8792	9239	10290	10515	11090	11515	12094	12445	12658	13245	13818
	2375	6757	7158	7752	7999	8543	8977	9524	10193	10770	11171	11737	11876	12253	12832	13383
	2250	6579	6961	7527	7767	8298	8667	9248	9432	10436	10824	11373	11510	12044	12421	12951
	2125	6364	6735	7246	7538	8048	8393	8903	9130	10082	10511	10998	11145	11649	12009	12527
	2000	6164	6510	7000	7277	7782	8125	8617	8794	9772	10128	10629	10761	11252	11593	12091
	2250	2500	2750	3000	3250	3500	3750	4000	4250	4500	4750	5000	5250	5500	5750	6000
Ordering size = BRB (nominal size width)																
No. of fields	3 up to 2485	4 to 3260					5 to 4035			6 up to 4810			7 to 5585		8 to 6000	

Notice:

Non-protruding up-and-over door ET 500 with driveway / inclination, max. BRH 2500 mm

Color	€ per m ²	49
RAL to choose and CH 703	€ per m ²	88
Special colours	€ per m ²	169
Accessories for collective garage non-protruding up-and-over doors ET 500 and sliding doors ST 500	See from page 64	
Special operator accessories for SupraMatic HT operators	See from page 76	
Chain drive operator ITO 500 FU with control 560 as well as operator accessories	See page 78	
Operator accessories for SupraMatic HT and ITO 500 FU operators	See from page 82	

Collective garage non-protruding up-and-over doors ET 500

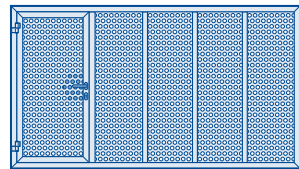
With operator SupraMatic HT

Styles 412 and 413 with wicket door – infill with perforated steel sheet

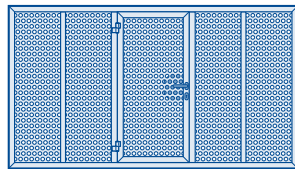


For a product description, see from page 4

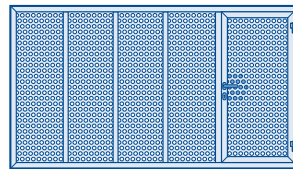
Style 412 – perforated sheet, round
Style 413 – perforated sheet, square



With wicket door on left



With wicket door centre



With wicket door on right

Collective garage door ET 500 including operator SupraMatic HT

- Side guide
- One-way photocell (pre-assembled at the factory)
- Activating kit for door leaf AT 2
- Wicket door contact STK 2 (pre-assembled at the factory)

ET 500	Lightweight version
ET 500	Heavy version

Ordering size = BRH (nominal size height)	3000	8286	8681	9441	10378	10996	11441	11531	12013	12430						
	2875	8107	8492	9196	10060	10663	11097	11219	11701	12151						
	2750	7925	8300	8949	9744	10327	10753	10906	11395	11867						
	2625	7742	8110	8706	9427	9996	10412	10596	11084	11588						
	2500	7223	7582	8123	8773	9326	9738	10280	10438	10976						
	2375	7075	7411	7943	8139	9098	9507	10033	10171	10695	11038					
	2250	6920	7246	7762	7948	8884	9213	9782	9924	10415	10745	11245				
	2125	6742	7052	7515	7759	8218	8981	9466	9662	10132	10454	10930				
	2000	6566	6862	7310	7539	8000	8298	9208	9351	9855	10164	10622				
	2250	2500	2750	3000	3250	3500	3750	4000	4250	4500	4750	5000	5250	5500	5750	6000
Ordering size = BRB (nominal size width)																

Number of fields without door field	1 to 2475	2 to 3095	3 to 3715	4 to 4335	5 to 5000	Version: Wicket door on left, LH hinged or Wicket door on right, RH hinged
Number of fields without door field	2 to 3735			4 to 5000		Version: Wicket door in centre, LH or RH hinged

Notice:

Non-protruding up-and-over door ET 500 with driveway / inclination, max. BRH 2500 mm

Color	€ per m ²	49
RAL to choose and CH 703	€ per m ²	88
Special colours	€ per m ²	169
Accessories for collective garage non-protruding up-and-over doors ET 500 and sliding doors ST 500	See from page 64	
Special operator accessories for SupraMatic HT operators	See from page 76	
Chain drive operator ITO 500 FU with control 560 as well as operator accessories	See page 78	
Operator accessories for SupraMatic HT and ITO 500 FU operators	See from page 82	

Collective garage non-protruding up-and-over doors ET 500

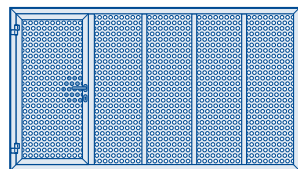
With operator SupraMatic HT

Style 432 and 433 with wicket door – infill with aluminium perforated sheet

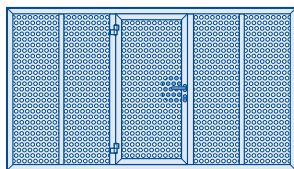


For a product description, see from page 4

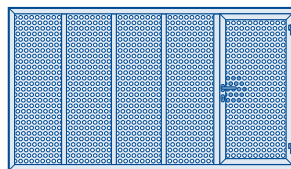
Style 432 – perforated sheet, round
Style 433 – perforated sheet, square



With wicket door on left



With wicket door centre



With wicket door on right

Collective garage door ET 500 including operator SupraMatic HT

- Side guide
- One-way photocell (pre-assembled at the factory)
- Activating kit for door leaf AT 2
- Wicket door contact STK 2 (pre-assembled at the factory)

ET 500

Lightweight version

ET 500

Heavy version

Ordering size = BRH (nominal size height)	3000	8993	9456	10286	11292	11983	12497	12998	13209	13700	14174	14870				
	2875	8779	9234	10014	10938	11611	12113	12635	12851	13364	13831	14499				
	2750	8573	9010	9724	10581	11236	11649	12275	12493	13033	13477	14126				
	2625	8359	8783	9445	10234	10789	11252	11915	12127	12698	13130	13760	14245	14757		
	2500	7812	8227	8829	9540	10150	10617	11216	11443	12032	12448	13047	13550	14065		
	2375	7631	8026	8621	8868	9883	10343	10924	11120	11699	12101	12674	13189	13706	14236	14757
	2250	7451	7827	8395	8636	9623	10015	10627	10824	11361	11752	12299	12829	13360	13892	14422
	2125	7239	7603	8115	8406	8921	9728	10268	10511	11008	11402	11928	12470	13010	13547	14087
	2000	7036	7379	7874	8151	8658	9002	9959	10152	10699	11055	11559	12111	12657	13202	13751
	2250	2500	2750	3000	3250	3500	3750	4000	4250	4500	4750	5000	5250	5500	5750	6000
Ordering size = BRB (nominal size width)																

Number of fields without door field 1)	1 to 2475	2 to 3095	3 to 3715	4 to 4335	5 to 5115	6 to 5890	7
Number of fields without door field 2)	2 to 3735			4 to 5000		6 to 6000	

- 1) Version:
Wicket door on left, LH hinged, or wicket door on right, RH hinged
- 2) Version:
Wicket door in centre, LH or RH hinged

Notice:

Non-protruding up-and-over door ET 500 with driveway / inclination, max. BRH 2500 mm

Color	€ per m ²	49
RAL to choose and CH 703	€ per m ²	88
Special colours	€ per m ²	169
Accessories for collective garage non-protruding up-and-over doors ET 500 and sliding doors ST 500	See from page 64	
Special operator accessories for SupraMatic HT operators	See from page 76	
Chain drive operator ITO 500 FU with control 560 as well as operator accessories	See page 78	
Operator accessories for SupraMatic HT and ITO 500 FU operators	See from page 82	

Collective garage non-protruding up-and-over doors ET 500

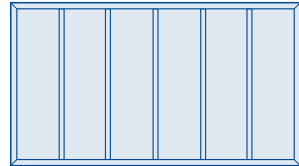
With operator SupraMatic HT

Style 420 – infill with aluminium sheet inside the frame



For a product description, see from page 4

Style 420 – infill with aluminium sheet inside the frame



Collective garage door ET 500 including operator SupraMatic HT

- Side guide
- One-way photocell (pre-assembled at the factory)

ET 500	Lightweight version
ET 500	Heavy version

Ordering size = BRH (nominal size height)	3000	7781	8176	8930	9036	9572	9997	11549	11748	11865	12267	12678				
	2875	7599	7988	8686	8818	9348	9763	11172	11360	11583	11975	12547	12862			
	2750	7421	7796	8440	8596	9121	9530	10800	10980	11299	11681	12240	12361	12610		
	2625	7239	7603	8199	8377	8896	9291	10340	10597	11015	11391	11932	12045	12325		
	2500	6720	7080	7620	7822	8336	8725	9723	9878	10399	10765	11289	11398	11708	12047	
	2375	6572	6909	7439	7637	7943	8507	9002	9612	10131	10478	10987	11079	11582	11701	12412
	2250	6415	6742	7257	7444	7925	8234	8769	8899	9855	10187	10684	10768	11253	11572	12045
	2125	6233	6551	7012	7255	7710	8013	8473	8657	9576	9892	10370	10462	10917	11229	11695
	2000	6061	6361	6810	7034	7494	7794	8228	8364	9291	9602	10060	10139	10585	10882	11332
	2250	2500	2750	3000	3250	3500	3750	4000	4250	4500	4750	5000	5250	5500	5750	6000
Ordering size = BRB (nominal size width)																

No. of fields	3 up to 2485	4 to 3260	5 to 4035	6 up to 4810	7 to 5585	8 to 6000
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Notice:

Non-protruding up-and-over door ET 500 with driveway / inclination, max. BRH 2500 mm

Color	€ per m ²	49
RAL to choose and CH 703	€ per m ²	88
Special colours	€ per m ²	169
Accessories for collective garage non-protruding up-and-over doors ET 500 and sliding doors ST 500	See from page 64	
Special operator accessories for SupraMatic HT operators	See from page 76	
Chain drive operator ITO 500 FU with control 560 as well as operator accessories	See page 78	
Operator accessories for SupraMatic HT and ITO 500 FU operators	See from page 82	

Collective garage non-protruding up-and-over doors ET 500

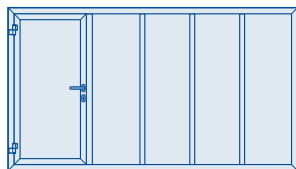
With operator SupraMatic HT

Style 420 with wicket door – infill with aluminium sheet inside the frame

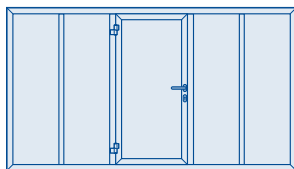


For a product description, see from page 4

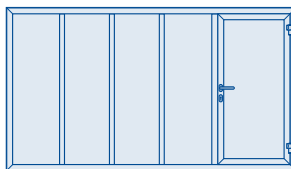
Style 420 with wicket door – infill with aluminium sheet inside the frame



With wicket door on left



With wicket door centre



With wicket door on right

Collective garage door ET 500 including operator SupraMatic HT

- Side guide
- One-way photocell (pre-assembled at the factory)
- Activating kit for door leaf AT 2
- Wicket door contact STK 2 (pre-assembled at the factory)

ET 500

Lightweight version

ET 500

Heavy version

Ordering size = BRH (nominal size height)	3000	9337	9811	10627	11229	12208	12516	13040	13759	14075						
	2875	8986	9429	10178	10981	11984	12126	12507	12854	13348						
	2750	8630	9048	9726	10747	11796	11859	12126	12283	12782						
	2625	8279	8665	9276	10112	10908	11024	11557	11710	12220	12547					
	2500	7593	7948	8492	9144	9690	10107	10647	10803	11323	11631	12471				
	2375	7438	7780	8312	8507	9465	9873	10399	10539	11061	11385	11839				
	2250	7285	7616	8129	8317	9254	9586	10153	10293	10785	11113	11617	11777	12219		
	2125	6934	7230	7679	7903	8367	8665	9581	9723	10221	10527	10987	11496	12026		
	2000	6815	7073	7556	7756	8221	8534	9427	9604	10102	10386	10870	11379	11914		
	2250	2500	2750	3000	3250	3500	3750	4000	4250	4500	4750	5000	5250	5500	5750	6000
Ordering size = BRB (nominal size width)																

Number of fields without door field	1 to 2475	2 to 3095	3 to 3715	4 to 4335	5 to 5115	6 to 5500	Version: Wicket door on left, LH hinged or Wicket door on right, RH hinged
Number of fields without door field	2 to 3735			4 to 5000		6 to 5500	Version: Wicket door in centre, LH or RH hinged

Notice:

Non-protruding up-and-over door ET 500 with driveway / inclination, max. BRH 2500 mm

Color	€ per m ²	49
RAL to choose and CH 703	€ per m ²	88
Special colours	€ per m ²	169
Accessories for collective garage non-protruding up-and-over doors ET 500 and sliding doors ST 500	See from page 64	
Special operator accessories for SupraMatic HT operators	See from page 76	
Chain drive operator ITO 500 FU with control 560 as well as operator accessories	See page 78	
Operator accessories for SupraMatic HT and ITO 500 FU operators	See from page 82	

Collective garage non-protruding up-and-over doors ET 500

With operator SupraMatic HT

Style 422 – infill with aluminium sheet overlapping the frame



For a product description, see from page 4

Style 422 – infill with aluminium sheet overlapping the frame



Collective garage door ET 500 including operator SupraMatic HT

- Side guide
- One-way photocell (pre-assembled at the factory)

ET 500	Lightweight version
ET 500	Heavy version

Ordering size = BRH (nominal size height)	3000	8333	8733	9488	9606	9810	10573	12128	12343	12471	12875					
	2875	8140	8534	9236	9371	9576	10329	11750	12116	12175	12582	13058				
	2750	7951	8334	8986	9144	9345	10090	11368	11554	11884	12271	12840	12926			
	2625	7764	8133	8733	8915	9107	9847	10983	11161	11588	11972	12519	12642	13074		
	2500	7574	7937	8483	8689	8877	9604	10440	10768	11296	11668	12199	12318	12635		
	2375	7413	7756	8292	8494	8809	9376	9878	10494	11018	11372	11890	11984	12499	12628	
	2250	7250	7420	8104	8295	8776	9095	9634	9773	10733	11072	11574	11665	12159	12483	12735
	2125	7059	7384	7851	8098	8554	8868	9330	9519	10443	10769	11252	11352	11813	12127	12602
	2000	6883	7186	7472	7866	8333	8638	9080	9223	10154	10468	10766	10517	11470	11773	12232
	2250	2500	2750	3000	3250	3500	3750	4000	4250	4500	4750	5000	5250	5500	5750	6000
Ordering size = BRB (nominal size width)																

No. of fields	3 up to 2485	4 to 3260	5 to 4035	6 up to 4810	7 to 5585	8 to 6000
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Notice:

Non-protruding up-and-over door ET 500 with driveway / inclination, max. BRH 2500 mm

Color	€ per m ²	49
RAL to choose and CH 703	€ per m ²	88
Special colours	€ per m ²	169
Accessories for collective garage non-protruding up-and-over doors ET 500 and sliding doors ST 500	See from page 64	
Special operator accessories for SupraMatic HT operators	See from page 76	
Chain drive operator ITO 500 FU with control 560 as well as operator accessories	See page 78	
Operator accessories for SupraMatic HT and ITO 500 FU operators	See from page 82	

Collective garage non-protruding up-and-over doors ET 500

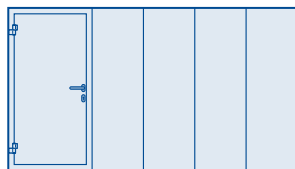
With operator SupraMatic HT

Style 422 with wicket door – infill with surface-mounted aluminium sheet

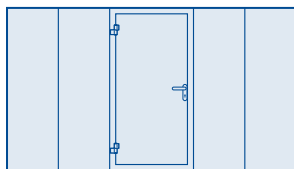


For a product description, see from page 4

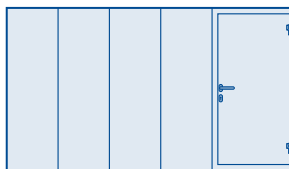
Style 422 with wicket door – infill with surface-mounted aluminium sheet



With wicket door on left



With wicket door centre



With wicket door on right

Collective garage door ET 500 including operator SupraMatic HT

- Side guide
- One-way photocell (pre-assembled at the factory)
- Activating kit for door leaf AT 2
- Wicket door contact STK 2 (pre-assembled at the factory)

ET 500

Lightweight version

ET 500

Heavy version

Ordering size = BRH (nominal size height)	3000	10395	10894	11918	12267	12534	12983	13815	14130							
	2875	10041	10512	11468	11801	12092	12527	13361	13661	14277						
	2750	9689	10128	11017	11332	11653	12067	12911	13194	13799						
	2625	9338	9746	10571	10862	11206	11607	12459	12728	13308						
	2500	8987	9363	10119	10397	10766	11148	12010	12260	12826						
	2375	8632	8981	9671	9927	10324	10688	11559	11790	12345	12683					
	2250	8281	8597	9224	9460	9880	10228	11109	11327	11856	12184	12702	13163	13448		
	2125	7928	8215	8772	8994	9439	9771	10659	10857	11374	11680	12184	12568	12805		
	2000	7576	7834	8322	8527	8995	9312	10206	10387	10889	11176	11665	12101	12349		
	2250	2500	2750	3000	3250	3500	3750	4000	4250	4500	4750	5000	5250	5500	5750	6000
Ordering size = BRB (nominal size width)																

Number of fields without door field	1 to 2475	2 to 3095	3 to 3715	4 to 4335	5 to 5115	6	Version: Wicket door on left, LH hinged or Wicket door on right, RH hinged
Number of fields without door field	2 to 3735			4 to 5000		6	Version: Wicket door in centre, LH or RH hinged

Notice:

Non-protruding up-and-over door ET 500 with driveway / inclination, max. BRH 2500 mm

Color	€ per m ²	49
RAL to choose and CH 703	€ per m ²	88
Special colours	€ per m ²	169
Accessories for collective garage non-protruding up-and-over doors ET 500 and sliding doors ST 500	See from page 64	
Special operator accessories for SupraMatic HT operators	See from page 76	
Chain drive operator ITO 500 FU with control 560 as well as operator accessories	See page 78	
Operator accessories for SupraMatic HT and ITO 500 FU operators	See from page 82	

Collective garage non-protruding up-and-over doors ET 500

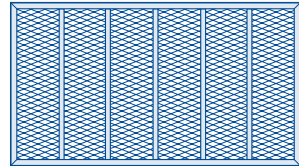
With operator SupraMatic HT

Style 440 – infill with steel expanded mesh 43 × 10 × 2.5 mm



For a product description, see from page 4

Style 440 – infill with steel expanded mesh 43 × 10 × 2.5 mm



Collective garage door ET 500 including operator SupraMatic HT

- Side guide
- One-way photocell (pre-assembled at the factory)

ET 500	Lightweight version
ET 500	Heavy version

Ordering size = BRH (nominal size height)	3000	7631	8035	8793	8903	9396	9921	10972	11565	11789	12198					
	2875	7447	7843	8544	8680	9177	9725	10764	11207	11507	11904					
	2750	7272	7652	8300	8458	8960	9458	10327	10851	11224	11614	11980				
	2625	7091	7460	8054	8245	8744	9185	10117	10497	10945	11319	11865	12032			
	2500	6577	6931	7477	7675	8195	8573	9576	9807	10336	10695	11216	11328	11637		
	2375	6422	6766	7301	7493	7983	8361	8857	9468	9990	10409	10919	11008	11515		
	2250	6268	6598	7112	7304	7779	8091	8626	8758	9712	10118	10615	10698	11181	11502	11978
	2125	6089	6407	6866	7111	7566	7866	8330	8510	9428	9824	10302	10394	10846	11159	11628
	2000	5915	6215	6662	6889	7347	7650	8088	8220	9150	9536	9990	10072	10515	10812	11261
	2250	2500	2750	3000	3250	3500	3750	4000	4250	4500	4750	5000	5250	5500	5750	6000
Ordering size = BRB (nominal size width)																

No. of fields	3 up to 2485	4 to 3260	5 to 4035	6 up to 4810	7 to 5585	8 to 6000
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Notice:

Non-protruding up-and-over door ET 500 with driveway / inclination, max. BRH 2500 mm

Color	€ per m ²	49
RAL to choose and CH 703	€ per m ²	88
Special colours	€ per m ²	169
Accessories for collective garage non-protruding up-and-over doors ET 500 and sliding doors ST 500	See from page 64	
Special operator accessories for SupraMatic HT operators	See from page 76	
Chain drive operator ITO 500 FU with control 560 as well as operator accessories	See page 78	
Operator accessories for SupraMatic HT and ITO 500 FU operators	See from page 82	

Collective garage non-protruding up-and-over doors ET 500

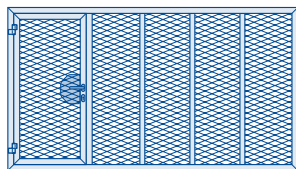
With operator SupraMatic HT

Style 440 with wicket door – infill with steel expanded mesh 43 × 10 × 2.5 mm

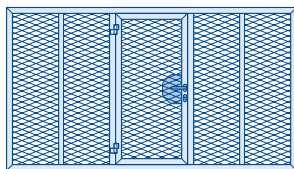


For a product description, see from page 4

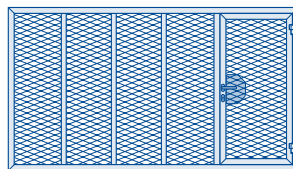
Style 440 with wicket door – infill with steel expanded mesh 43 × 10 × 2.5 mm



With wicket door on left



With wicket door centre



With wicket door on right

Collective garage door ET 500 including operator SupraMatic HT

- Side guide
- One-way photocell (pre-assembled at the factory)
- Activating kit for door leaf AT 2
- Wicket door contact STK 2 (pre-assembled at the factory)

ET 500

Lightweight version

ET 500

Heavy version

Ordering size = BRH (nominal size height)	3000	8510	8905	9812	10751	11367	11813	11905	12388							
	2875	8330	8715	9568	10434	11035	11470	11593	12075	12527						
	2750	8150	8522	9174	10116	10700	11127	11282	11768	12240						
	2625	7966	8332	8929	9800	10369	10708	10970	11455	11962						
	2500	7445	7805	8348	8998	9474	9885	10501	10662	11200	11493					
	2375	7295	7637	8168	8361	9323	9655	10256	10395	10919	11203					
	2250	7142	7469	7985	8170	9106	9363	10005	10151	10563	10894	11468				
	2125	6890	7202	7664	7874	8320	9053	9541	9693	10187	10498	10946				
	2000	6716	7011	7459	7688	8149	8446	9362	9586	10003	10313	10768	11120	11456		
	2250	2500	2750	3000	3250	3500	3750	4000	4250	4500	4750	5000	5250	5500	5750	6000
Ordering size = BRB (nominal size width)																

Number of fields without door field 1)	1 to 2475	2 to 3095	3 to 3715	4 to 4335	5 to 5115	6 to 5500
Number of fields without door field 2)	2 to 3735			4 to 5000		6 to 5500

1) Version:
Wicket door on left, LH hinged, or wicket door on right, RH hinged

2) Version:
Wicket door in centre, LH or RH hinged

Notice:

Non-protruding up-and-over door ET 500 with driveway / inclination, max. BRH 2500 mm

Color	€ per m ²	49
RAL to choose and CH 703	€ per m ²	88
Special colours	€ per m ²	169
Accessories for collective garage non-protruding up-and-over doors ET 500 and sliding doors ST 500	See from page 64	
Special operator accessories for SupraMatic HT operators	See from page 76	
Chain drive operator ITO 500 FU with control 560 as well as operator accessories	See page 78	
Operator accessories for SupraMatic HT and ITO 500 FU operators	See from page 82	

Collective garage non-protruding up-and-over doors ET 500

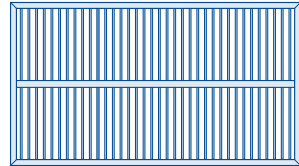
With operator SupraMatic HT

Style 470 – infill with aluminium bars 20 × 20 × 2 mm



For a product description, see from page 4

Style 470 – infill with aluminium bars 20 × 20 × 2 mm



Collective garage door ET 500 including operator SupraMatic HT

- Side guide
- One-way photocell (pre-assembled at the factory)

ET 500	Lightweight version
ET 500	Heavy version

Ordering size = BRH (nominal size height)	3000	11138	11311	11639	11836	12100	12279	12586	12967	13504	13897	14269	14467	14915	15321	15600
	2875	10873	11033	11361	11571	11836	12015	12321	12689	13202	13633	13969	14215	14614	14860	14995
	2750	10522	10764	11097	11305	11571	11752	12015	12384	12799	13354	13704	13982	14230	14439	14695
	2625	10255	10503	10813	11041	11322	11488	11752	12107	12534	13076	13348	13733	13997	14175	14323
	2500	10042	10240	10554	10902	11072	11217	11488	11806	12128	12587	13003	13374	13804	13909	14021
	2375	9721	9940	10252	10638	10795	10929	11222	11528	11863	12144	12445	12968	13293	13404	13474
	2250	9476	9701	9974	10369	10532	10665	10945	11262	11599	11841	12168	12445	12828	12990	13172
	2125	9198	9465	9696	10031	10263	10400	10680	10998	11333	11564	11861	12044	12272	12574	12874
	2000	8933	9165	9396	9627	9859	10138	10413	10733	11150	11374	11559	11743	11902	12310	12609
	2250	2500	2750	3000	3250	3500	3750	4000	4250	4500	4750	5000	5250	5500	5750	6000
Ordering size = BRB (nominal size width)																

Notice:

Non-protruding up-and-over door ET 500 with driveway / inclination, max. BRH 2500 mm

Color	€ per m ²	49
RAL to choose and CH 703	€ per m ²	88
Special colours	€ per m ²	169
Accessories for collective garage non-protruding up-and-over doors ET 500 and sliding doors ST 500	See from page 64	
Special operator accessories for SupraMatic HT operators	See from page 76	
Chain drive operator ITO 500 FU with control 560 as well as operator accessories	See page 78	
Operator accessories for SupraMatic HT and ITO 500 FU operators	See from page 82	

Collective garage non-protruding up-and-over doors ET 500

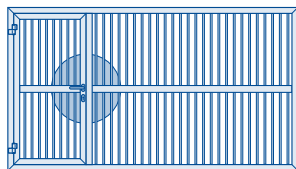
With operator SupraMatic HT

Style 470 with wicket door – infill with aluminium bars 20 × 20 × 2 mm



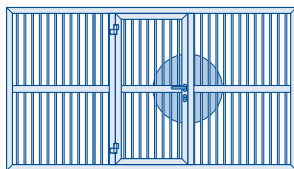
For a product description, see from page 4

Style 470 with wicket door – infill with aluminium bars 20 × 20 × 2 mm



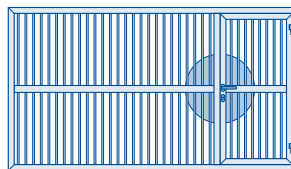
With wicket door on left

LH hinged



With wicket door centre

LH hinged or RH hinged



With wicket door on right

RH hinged

Collective garage door ET 500 including operator SupraMatic HT

- Side guide
- One-way photocell (pre-assembled at the factory)
- Activating kit for door leaf AT 2
- Wicket door contact STK 2 (pre-assembled at the factory)

ET 500

Lightweight version

ET 500

Heavy version

Ordering size = BRH (nominal size height)	3000	11839	12012	12343	12538	12804	12979	13287	13667	14205	14599					
	2875	11576	11735	12063	12272	12538	12718	13021	13387	13903	14335	14671				
	2750	11223	11467	11799	12008	12272	12455	12718	13087	13499	14057	14405	14683			
	2625	10955	11205	11516	11743	12024	12187	12455	12809	13236	13778	14048	14434	14699		
	2500	10744	10942	11110	11605	11775	11918	12187	12507	12830	13288	13423	14073	14503	14611	
	2375	10423	10641	10952	11340	11494	11630	11922	12231	12564	12843	13147	13668	13993	14105	14177
	2250	10178	10405	10675	11068	11235	11367	11643	11965	12299	12543	12867	13144	13528	13691	13873
	2125	9899	10167	10399	10733	10966	11100	11380	11700	12036	12265	12561	12745	12974	13275	13575
	2000	9635	9866	10097	10328	10560	10837	11115	11435	11853	12076	12261	12444	12602	13010	13311
	2250	2500	2750	3000	3250	3500	3750	4000	4250	4500	4750	5000	5250	5500	5750	6000
Ordering size = BRB (nominal size width)																

Notice:

Non-protruding up-and-over door ET 500 with driveway / inclination, max. BRH 2500 mm

Color	€ per m ²	49
RAL to choose and CH 703	€ per m ²	88
Special colours	€ per m ²	169
Accessories for collective garage non-protruding up-and-over doors ET 500 and sliding doors ST 500	See from page 64	
Special operator accessories for SupraMatic HT operators	See from page 76	
Chain drive operator ITO 500 FU with control 560 as well as operator accessories	See page 78	
Operator accessories for SupraMatic HT and ITO 500 FU operators	See from page 82	

Collective garage non-protruding up-and-over doors ET 500

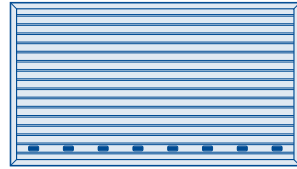
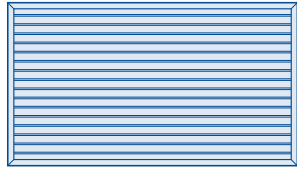
With operator SupraMatic HT

Style 480 – infill with steel sections

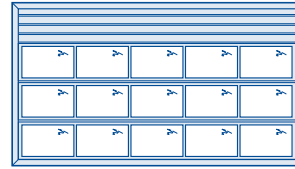


For a product description, see from page 4

Style 480 – infill with steel sections



With ventilation grille



With aluminium frame type N

Collective garage door ET 500 including operator SupraMatic HT

- Side guide
- One-way photocell (pre-assembled at the factory)

ET 500	Lightweight version
ET 500	Heavy version

Notice:

Top section not possible as an aluminium frame!

Ordering size = BRH (nominal size height)	3000	7699	8121	8684	9045	9568	10192	11604	11775	12769						
	2875	7507	7920	8425	8809	9338	9910	11231	11401	12274						
	2750	7316	7712	8164	8574	9106	9623	10856	11029	11806	12188					
	2625	7122	7510	8140	8336	8878	9343	10484	10653	11322	11706	12125				
	2500	6598	6972	7547	7767	8311	8722	9773	9946	10509	10893	11460				
	2375	6435	6796	7356	7572	8091	8488	9508	9668	10214	10578	11125	12283			
	2250	6274	6620	7165	7367	7874	8205	8765	9402	9922	10270	10795	11856	12841		
	2125	6084	6423	6907	7167	7649	7965	8451	8655	9621	9959	10462	11430	12400		
	2000	5900	6217	6689	6931	7420	7732	8196	8344	9324	9651	10130	10615	11099		
	2250	2500	2750	3000	3250	3500	3750	4000	4250	4500	4750	5000	5250	5500	5750	6000
Ordering size = BRB (nominal size width)																
Number of infills for aluminium frame type N	2 to 2695			3 to 3695				4 to 4695				5 to 5500				
No. of ventilation grilles	min. 2 up to max. 18 (exact number on request)															

Notice:

Non-protruding up-and-over door ET 500 with driveway / inclination, max. BRH 2500 mm

Alternative infills		€
Anodised aluminium frame type N	Per m²	397
Made of aluminium extrusion tubular profiles 500 mm or 625 mm high depending on door height, with DURATEC synthetic double pane , clear, 26 mm, 52 mm wide rails		
Aluminium frame with stainless steel expanded mesh	Per m²	397
Ventilation cross-section 58 % of the infill surface		
Aluminium frame with perforated stainless steel sheet	Per m²	453
8 mm perforation, ventilation cross-section 40 % of the infill surface		
Surface coating for aluminium frame	On request	
Polyester primer-coating on one or two sides		
Ventilation grilles		€
Black plastic ventilation grille, ventilation cross-section 40 cm² per grille	Each	38

Collective garage non-protruding up-and-over doors ET 500

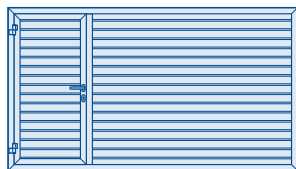
With operator SupraMatic HT

Style 480 with wicket door – infill with steel sections

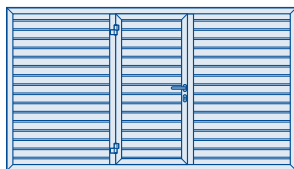


For a product description, see from page 4

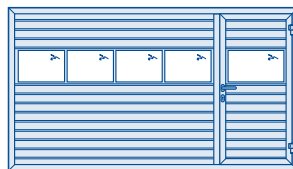
Style 480 – infill with steel sections



With wicket door on left



With wicket door centre



With wicket door on right

Collective garage door ET 500 including operator SupraMatic HT

- Side guide
- One-way photocell (pre-assembled at the factory)
- Activating kit for door leaf AT 2
- Wicket door contact STK 2 (pre-assembled at the factory)

ET 500

Lightweight version

ET 500

Heavy version

Notice:

Top section not possible as an aluminium frame!

Ordering size = BRH (nominal size height)	3000	8602	9025	9813	9955	10468	11092									
	2875	8412	8821	9510	9718	10188	10809	12126								
	2750	8220	8619	9299	9484	10009	10524	11754	11933							
	2625	7861	8414	9045	9241	9778	10242	11385	11559							
	2500	7504	7875	8451	8671	9214	9623	10677	10849	11407						
	2375	7342	7699	8257	8474	8994	9392	10410	10570	11298	11489					
	2250	7178	7522	8065	8269	8775	9107	9668	10305	10825	11172	11698				
	2125	6983	7323	7810	8069	8549	8871	9352	9553	10523	10861	11361				
	2000	6808	7119	7593	7834	8321	8634	9097	9248	10228	10551	11032				
		2250	2500	2750	3000	3250	3500	3750	4000	4250	4500	4750	5000	5250	5500	5750
Ordering size = BRB (nominal size width)																

Number of infills for aluminium frame type N (without door field)	1 to 2775	2 to 3775	3 to 4775	4 to 5000	Version: Wicket door on left, LH hinged or Wicket door on right, RH hinged
Number of infills for aluminium frame type N (without door field)	2 to 4325		4 to 5000		

Notice:

Non-protruding up-and-over door ET 500 with driveway / inclination, max. BRH 2500 mm

Color	€ per m ²	49
RAL to choose and CH 703	€ per m ²	88
Special colours	€ per m ²	169
Accessories for collective garage non-protruding up-and-over doors ET 500 and sliding doors ST 500	See from page 64	
Special operator accessories for SupraMatic HT operators	See from page 76	
Chain drive operator ITO 500 FU with control 560 as well as operator accessories	See page 78	
Operator accessories for SupraMatic HT and ITO 500 FU operators	See from page 82	

Collective garage non-protruding up-and-over doors

ET 500 – lightweight version

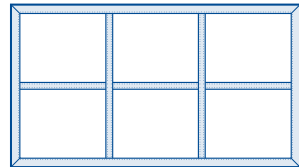
With operator SupraMatic HT



Style 405 L – for on-site infill overlapping the frame

For a product description, see from page 4

Style 405 – for on-site infill overlapping the frame



Collective garage door ET 500 including operator SupraMatic HT

- Side guide
- One-way photocell (pre-assembled at the factory)

ET 500 Lightweight version

Heavy version see page 36.

Ordering size = BRH (nominal size height)	3000	5771	6042	6595	6663	6920										
	2875	5645	5909	6420	6429	6776										
	2750	5520	5779	6244	6278	6632										
	2625	5394	5645	6063	6131	6489	6611									
	2500	4937	5179	5552	5645	6012	6122	6666								
	2375	4837	5072	5443	5531	5866	6094	6519	6556							
	2250	4741	4966	5325	5407	5733	5958	6363	6428	6627						
	2125	4615	4837	5147	5291	5600	5799	6129	6313	6556						
	2000	4505	4705	5012	5138	5461	5663	5979	6221	6475						
	2250	2500	2750	3000	3250	3500	3750	4000	4250	4500	4750	5000	5250	5500	5750	6000
Ordering size = BRB (nominal size width)																



Maximum infill weights in kg/m²

Indicated weight for non-protruding up-and-over door ET 500 (lightweight version)

Ordering size = BRH (nominal size height)	3000	10	8	6	6	6										
	2875	10	8	8	6	6										
	2750	10	10	8	6	6										
	2625	12	10	8	8	6	6									
	2500	14	12	10	10	8	6	6								
	2375	14	12	12	10	8	8	6	6							
	2250	16	14	12	10	10	8	6	6	6						
	2125	16	14	12	12	10	8	8	6	6						
	2000	18	16	14	12	12	10	8	8	6						
	2250	2500	2750	3000	3250	3500	3750	4000	4250	4500	4750	5000	5250	5500	5750	6000
Ordering size = BRB (nominal size width)																

Notice:

Non-protruding up-and-over door ET 500 with driveway / inclination, max. BRH 2500 mm

Surface coating	€	Up to BRB 3000 mm	From BRB 3000 mm
Door leaf in Color	Per door	289	435
Door leaf in RAL to choose or CH 703	Per door	444	673
Door leaf in special colours	Per door	662	901
Accessories for collective garage non-protruding up-and-over doors ET 500 and sliding doors ST 500		See from page 64	
Special operator accessories for SupraMatic HT operators		See from page 76	
Chain drive operator ITO 500 FU with control 560 as well as operator accessories		See page 78	
Operator accessories for SupraMatic HT and ITO 500 FU operators		See from page 82	

Collective garage non-protruding up-and-over doors

ET 500 – lightweight version

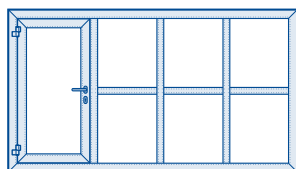
With operator SupraMatic HT



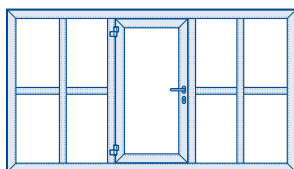
Style 405 L with wicket door – for on-site infill overlapping the frame

For a product description, see from page 4

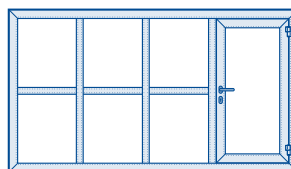
Style 405 – for on-site infill overlapping the frame



With wicket door on left



With wicket door centre



With wicket door on right

Collective garage door ET 500 including operator SupraMatic HT

- Side guide
- One-way photocell (pre-assembled at the factory)
- Activating kit for door leaf AT 2
- Wicket door contact STK 2 (pre-assembled at the factory)

ET 500

Lightweight version

Heavy version see page 37.

Ordering size = BRH (nominal size height)	3000																		
	2875																		
	2750																		
	2625	6267																	
	2500	5808	6075																
	2375	5693	5920	6258															
	2250	5566	5794	6125	6275														
	2125	5444	5672	6004	6141	6370													
	2000	5328	5529	5887	6017	6294													
	2250	2500	2750	3000	3250	3500	3750	4000	4250	4500	4750	5000	5250	5500	5750	6000			
Ordering size = BRB (nominal size width)																			



Maximum infill weights in kg/m²

Indicated weight for non-protruding up-and-over door ET 500 with wicket door (lightweight version)

Ordering size = BRH (nominal size height)	3000																		
	2875																		
	2750																		
	2625	6																	
	2500	8	6																
	2375	8	6	6															
	2250	10	8	6	6														
	2125	10	8	6	6	6													
	2000	12	10	8	6	6													
	2250	2500	2750	3000	3250	3500	3750	4000	4250	4500	4750	5000	5250	5500	5750	6000			
Ordering size = BRB (nominal size width)																			

Notice:

Non-protruding up-and-over door ET 500 with driveway / inclination, max. BRH 2500 mm

Surface coating	€	Up to BRB 3000 mm	From BRB 3000 mm
Door leaf in Color	Per door	289	435
Door leaf in RAL to choose or CH 703	Per door	444	673
Door leaf in special colours	Per door	662	901

Accessories for collective garage non-protruding up-and-over doors ET 500 and sliding doors ST 500

See from page 64

Special operator accessories for SupraMatic HT operators

See from page 76

Chain drive operator ITO 500 FU with control 560 as well as operator accessories

See page 78

Operator accessories for SupraMatic HT and ITO 500 FU operators

See from page 82

Collective garage non-protruding up-and-over doors

ET 500 – heavy version

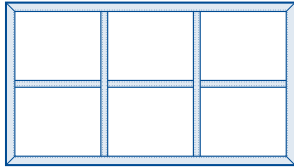
With operator SupraMatic HT



Style 405 S – for on-site infill overlapping the frame

For a product description, see from page 4

Style 405 – for on-site infill overlapping the frame



Collective garage door ET 500 including operator SupraMatic HT

- Side guide
- One-way photocell (pre-assembled at the factory)

ET 500 Heavy version

Lightweight version see page 34.

Ordering size = BRH (nominal size height)	3000	6018	6332	6884	6915	7215	7723	8150	8157							
	2875	5891	6193	6722	6730	7072	7522	7933	7943	8179						
	2750	5758	6047	6535	6573	6920	7321	7712	7736	8069	8261					
	2625	5625	5903	6348	6411	6771	7118	7500	7524	7879	8202	8220				
	2500	5165	5428	5824	5918	6289	6583	6943	6977	7354	7563	7627	7877	7966		
	2375	5062	5311	5704	5797	6144	6438	6791	6819	7166	7266	7400	7572	7732	7817	
	2250	4955	5197	5581	5671	6014	6236	6636	6670	6993	7211	7352	7413	7596	7772	8054
	2125	4828	5062	5392	5543	5872	6088	6422	6509	6824	7032	7287	7391	7426	7759	7966
	2000	4706	4918	5246	5383	5727	5937	6256	6294	6650	6858	7166	7218	7400	7599	7892
	2250	2500	2750	3000	3250	3500	3750	4000	4250	4500	4750	5000	5250	5500	5750	6000
Ordering size = BRB (nominal size width)																



Maximum infill weights in kg/m²

Indicated weight for non-protruding up-and-over door ET 500 (heavy version)

Ordering size = BRH (nominal size height)	3000	18	16	14	12	12	10	8	8							
	2875	20	18	16	14	12	10	10	8	8						
	2750	20	18	16	14	14	12	10	10	8	6					
	2625	22	18	16	16	14	12	10	10	8	6	6				
	2500	24	22	20	18	16	14	12	12	10	8	6	6	6		
	2375	26	22	20	18	16	14	14	12	10	8	8	6	6	6	
	2250	28	24	22	20	18	16	14	14	12	8	8	8	6	6	6
	2125	28	26	22	20	20	16	16	14	12	10	8	8	8	6	6
	2000	32	28	24	22	22	18	16	16	14	10	10	8	8	8	6
	2250	2500	2750	3000	3250	3500	3750	4000	4250	4500	4750	5000	5250	5500	5750	6000
Ordering size = BRB (nominal size width)																

Notice:

Non-protruding up-and-over door ET 500 with driveway / inclination, max. BRH 2500 mm

Surface coating	€	Up to BRB 3000 mm	From BRB 3000 mm
Door leaf in Color	Per door	289	435
Door leaf in RAL to choose or CH 703	Per door	444	673
Door leaf in special colours	Per door	662	901
Accessories for collective garage non-protruding up-and-over doors ET 500 and sliding doors ST 500		See from page 64	
Special operator accessories for SupraMatic HT operators		See from page 76	
Chain drive operator ITO 500 FU with control 560 as well as operator accessories		See page 78	
Operator accessories for SupraMatic HT and ITO 500 FU operators		See from page 82	

Collective garage non-protruding up-and-over doors

ET 500 – heavy version

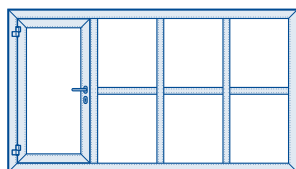
With operator SupraMatic HT



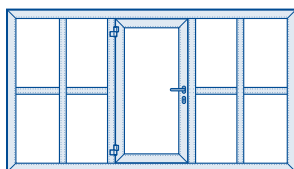
Style 405 S with wicket door – for on-site infill overlapping the frame

For a product description, see from page 4

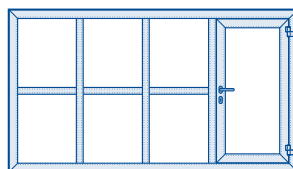
Style 405 – for on-site infill overlapping the frame



With wicket door on left



With wicket door centre



With wicket door on right

Collective garage door ET 500 including operator SupraMatic HT

- Side guide
- One-way photocell (pre-assembled at the factory)
- Activating kit for door leaf AT 2
- Wicket door contact STK 2 (pre-assembled at the factory)

ET 500 Heavy version

Lightweight version see page 35.

Ordering size = BRH (nominal size height)	3000	6899	7200	7797	7889	8089	8608										
	2875	6769	7057	7605	7701	7941	8405										
	2750	6636	6920	7420	7510	7794	8200	8438									
	2625	6509	6778	7227	7321	7649	7998	8223									
	2500	6043	6307	6701	6794	7167	7459	7673	7927	7995							
	2375	5937	6192	6583	6676	7024	7318	7599	7790	7830							
	2250	5862	6076	6462	6548	6890	7112	7515	7701	7719							
	2125	5706	5936	6268	6425	6750	6969	7295	7382	7690	7830						
	2000	5585	5796	6124	6259	6603	6821	7133	7174	7528	7657	7790					
		2250	2500	2750	3000	3250	3500	3750	4000	4250	4500	4750	5000	5250	5500	5750	6000
Ordering size = BRB (nominal size width)																	



Maximum infill weights in kg/m²

Indicated weight for non-protruding up-and-over door ET 500 with wicket door (heavy version)

Ordering size = BRH (nominal size height)	3000	12	10	8	8	6	6										
	2875	14	12	10	8	6	6										
	2750	14	12	10	8	8	6	6									
	2625	16	14	10	10	8	8	6									
	2500	18	16	12	12	10	10	8	6	6							
	2375	20	18	14	12	12	10	8	8	6							
	2250	20	18	18	14	12	12	10	8	8							
	2125	22	20	16	14	14	12	10	10	8	6						
	2000	24	22	18	16	14	14	12	10	10	6	6					
		2250	2500	2750	3000	3250	3500	3750	4000	4250	4500	4750	5000	5250	5500	5750	6000
Ordering size = BRB (nominal size width)																	

Notice:

Non-protruding up-and-over door ET 500 with driveway / inclination, max. BRH 2500 mm

Surface coating	€	Up to BRB 3000 mm	From BRB 3000 mm
Door leaf in Color	Per door	289	435
Door leaf in RAL to choose or CH 703	Per door	444	673
Door leaf in special colours	Per door	662	901

Accessories for collective garage non-protruding up-and-over doors ET 500 and sliding doors ST 500 See from page 64

Special operator accessories for SupraMatic HT operators See from page 76

Chain drive operator ITO 500 FU with control 560 as well as operator accessories See page 78

Operator accessories for SupraMatic HT and ITO 500 FU operators See from page 82

Collective garage non-protruding up-and-over doors

ET 500 – lightweight version

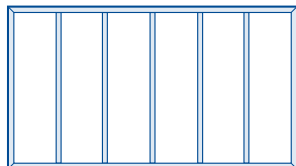
With operator SupraMatic HT



Style 400 L – for on-site infill inside the frame

For a product description, see from page 4

Style 400 – for on-site infill inside the frame



Collective garage door ET 500 including operator SupraMatic HT

- Side guide
- One-way photocell (pre-assembled at the factory)

ET 500 Lightweight version

Heavy version see page 40.

Ordering size = BRH (nominal size height)	3000	5771	6042	6595	6663	6920	7093	7430	7490	7574						
	2875	5645	5909	6420	6429	6776	6923	7287	7352	7445						
	2750	5520	5779	6244	6278	6632	6767	7104	7135	7316						
	2625	5394	5645	6063	6131	6489	6611	6926	6999	7194						
	2500	4937	5179	5552	5645	6012	6122	6666	6730	7064						
	2375	4837	5072	5514	5531	5866	6094	6519	6556	6934	7167					
	2250	4741	4966	5325	5407	5733	5958	6363	6428	6834	7097					
	2125	4615	4837	5147	5291	5600	5799	6129	6313	6637	6890	7145				
	2000	4505	4705	5012	5138	5461	5663	5979	6221	6544	6796	7051	7340			
	2250	2500	2750	3000	3250	3500	3750	4000	4250	4500	4750	5000	5250	5500	5750	6000
Ordering size = BRB (nominal size width)																

No. of fields	3 up to 2485	4 to 3260	5 to 4035	6 up to 4810	7
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Maximum infill weights in kg/m²

Indicated weight for non-protruding up-and-over door ET 500 (lightweight version)

Ordering size = BRH (nominal size height)	3000	10	10	8	6	6	5	5	3	3						
	2875	12	10	8	8	6	6	5	4	3						
	2750	12	10	10	8	6	6	6	4	4						
	2625	14	12	10	10	8	6	6	5	4						
	2500	14	12	12	10	8	8	6	5	5						
	2375	16	14	12	10	8	8	8	6	6	3					
	2250	18	14	14	12	10	8	8	6	6	3					
	2125	18	16	14	12	10	10	8	8	6	4	3				
	2000	20	18	16	14	12	10	10	8	8	4	3	3			
	2250	2500	2750	3000	3250	3500	3750	4000	4250	4500	4750	5000	5250	5500	5750	6000
Ordering size = BRB (nominal size width)																

Notice: non-protruding up-and-over doors ET 500 with driveway / inclination, max. BRH 2500 mm

Surface coating	€	Up to BRB 3000 mm	From BRB 3000 mm
Door leaf in Color	Per door	289	435
Door leaf in RAL to choose or CH 703	Per door	444	673
Door leaf in special colours	Per door	662	901
Accessories for collective garage non-protruding up-and-over doors ET 500 and sliding doors ST 500		See from page 64	
Special operator accessories for SupraMatic HT operators		See from page 76	
Chain drive operator ITO 500 FU with control 560 as well as operator accessories		See page 78	
Operator accessories for SupraMatic HT and ITO 500 FU operators		See from page 82	

Collective garage non-protruding up-and-over doors

ET 500 – lightweight version

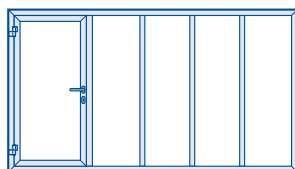
With operator SupraMatic HT



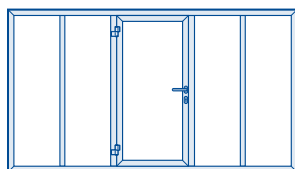
Style 400 L with wicket door – for on-site infill inside the frame

For a product description, see from page 4

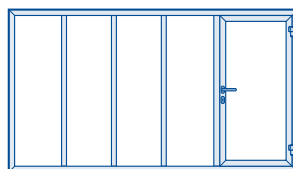
Style 400 – for on-site infill inside the frame



With wicket door on left



With wicket door centre



With wicket door on right

Collective garage door ET 500 including operator SupraMatic HT

- Side guide
- One-way photocell (pre-assembled at the factory)
- Activating kit for door leaf AT 2
- Wicket door contact STK 2 (pre-assembled at the factory)

ET 500

Lightweight version

Heavy version see page 41.

Ordering size = BRH (nominal size height)	3000	6649	7017	7268	7572														
	2875	6521	6862	7130	7433	7489													
	2750	6397	6709	6996	7292	7401													
	2625	6267	6558	6860	7019	7162													
	2500	5808	6075	6392	6544	6787	7140												
	2375	5693	5920	6258	6404	6729	7111	7558											
	2250	5566	5794	6125	6275	6621	7049	7393	7466										
	2125	5444	5672	6004	6141	6446	6931	7230	7303	7468									
	2000	5328	5529	5887	6017	6294	6620	7066	7137	7306									
Ordering size = BRB (nominal size width)																			
		2250	2500	2750	3000	3250	3500	3750	4000	4250	4500	4750	5000	5250	5500	5750	6000		

Number of fields without door field	1 to 2475	2 to 3095	3 to 3715	4 to 4335	5	Version: wicket door on left, LH hinged, or wicket door on right, RH hinged
Number of fields without door field	2 to 3735			4		



Maximum infill weights in kg/m²

Indicated weight for non-protruding up-and-over door ET 500 with wicket door (lightweight version)

Ordering size = BRH (nominal size height)	3000	6	5	5	3														
	2875	6	6	5	3	3													
	2750	8	6	6	4	3													
	2625	8	8	6	4	4													
	2500	10	8	6	6	5	3												
	2375	10	10	8	6	6	4	3											
	2250	12	10	8	6	6	5	4	3										
	2125	14	12	10	8	8	6	5	4	3									
	2000	16	14	12	8	8	6	6	5	4									
Ordering size = BRB (nominal size width)																			
		2250	2500	2750	3000	3250	3500	3750	4000	4250	4500	4750	5000	5250	5500	5750	6000		

Notice: non-protruding up-and-over doors ET 500 with driveway / inclination, max. BRH 2500 mm

Surface coating	€	Up to BRB 3000 mm	From BRB 3000 mm
Door leaf in Color	Per door	289	435
Door leaf in RAL to choose or CH 703	Per door	444	673
Door leaf in special colours	Per door	662	901

Accessories for collective garage non-protruding up-and-over doors ET 500 and sliding doors ST 500 See from page 64

Special operator accessories for SupraMatic HT operators See from page 76

Chain drive operator ITO 500 FU with control 560 as well as operator accessories See page 78

Operator accessories for SupraMatic HT and ITO 500 FU operators See from page 82

Collective garage non-protruding up-and-over doors

ET 500 – heavy version

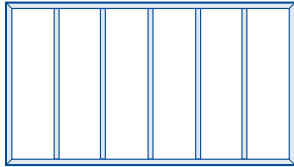
With operator SupraMatic HT



Style 400 S – for on-site infill inside the frame

For a product description, see from page 4

Style 400 – for on-site infill inside the frame



Collective garage door ET 500 including operator SupraMatic HT

- Side guide
- One-way photocell (pre-assembled at the factory)

ET 500 Heavy version

Lightweight version see page 38.

Ordering size = BRH (nominal size height)	3000	6018	6332	6884	6915	7215	7723	8150	8157	8348	8537	8943	9229	9385	9671	9828
	2875	5891	6193	6722	6730	7072	7522	7933	7943	8179	8357	8726	8979	9006	9190	9424
	2750	5758	6047	6535	6573	6920	7321	7712	7736	8069	8261	8507	8726	8758	8852	8932
	2625	5625	5903	6348	6411	6771	7118	7500	7524	7879	8202	8219	8475	8619	8640	8698
	2500	5165	5416	5824	5918	6289	6583	6943	6977	7354	7563	7627	7877	7966	8030	8215
	2375	5062	5311	5704	5797	6144	6438	6791	6819	7166	7266	7400	7572	7732	7817	8125
	2250	4955	5197	5581	5671	6014	6236	6636	6670	6993	7211	7352	7413	7596	7772	8054
	2125	4828	5062	5392	5543	5872	6088	6422	6509	6824	7032	7287	7391	7426	7608	7966
	2000	4706	4918	5246	5383	5727	5937	6256	6294	6650	6858	7166	7218	7400	7599	7892
	2250	2500	2750	3000	3250	3500	3750	4000	4250	4500	4750	5000	5250	5500	5750	6000
Ordering size = BRB (nominal size width)																

No. of fields	3 up to 2485	4 to 3260	5 to 4035	6 up to 4810	7 to 5585	8 to 6000
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Maximum infill weights in kg/m²

Indicated weight for non-protruding up-and-over door ET 500 (heavy version)

Ordering size = BRH (nominal size height)	3000	20	18	16	14	12	10	10	8	8	6	5	4	4	3	3
	2875	22	18	16	14	14	12	10	10	8	6	5	5	4	3	3
	2750	22	20	18	16	14	12	12	10	10	6	6	5	4	4	3
	2625	24	22	20	18	16	14	12	10	10	8	6	6	5	4	4
	2500	26	24	20	18	16	14	14	12	10	8	6	6	6	5	4
	2375	28	24	22	20	18	16	14	12	12	8	8	6	6	5	5
	2250	30	26	24	22	18	18	16	14	12	10	8	8	6	6	6
	2125	32	28	26	24	20	18	18	16	14	10	10	8	8	6	6
	2000	34	32	28	26	22	20	18	16	16	12	10	10	8	8	6
	2250	2500	2750	3000	3250	3500	3750	4000	4250	4500	4750	5000	5250	5500	5750	6000
Ordering size = BRB (nominal size width)																

Notice: non-protruding up-and-over doors ET 500 with driveway / inclination, max. BRH 2500 mm

Surface coating	€	Up to BRB 3000 mm	From BRB 3000 mm
Door leaf in Color	Per door	289	435
Door leaf in RAL to choose or CH 703	Per door	444	673
Door leaf in special colours	Per door	662	901
Accessories for collective garage non-protruding up-and-over doors ET 500 and sliding doors ST 500		See from page 64	
Special operator accessories for SupraMatic HT operators		See from page 76	
Chain drive operator ITO 500 FU with control 560 as well as operator accessories		See page 78	
Operator accessories for SupraMatic HT and ITO 500 FU operators		See from page 82	

Collective garage non-protruding up-and-over doors

ET 500 – heavy version

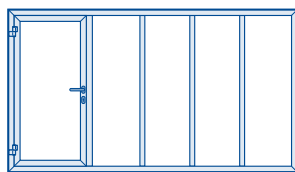
With operator SupraMatic HT



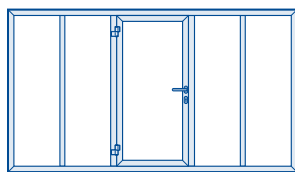
Style 400 S with wicket door – for on-site infill inside the frame

For a product description, see from page 4

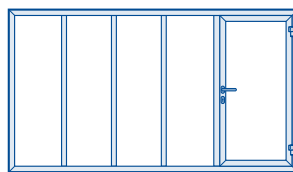
Style 400 – for on-site infill inside the frame



With wicket door on left



With wicket door centre



With wicket door on right

Collective garage door ET 500 including operator SupraMatic HT

- Side guide
- One-way photocell (pre-assembled at the factory)
- Activating kit for door leaf AT 2
- Wicket door contact STK 2 (pre-assembled at the factory)

ET 500

Heavy version

Lightweight version see page 39.

- 1) Version: wicket door on left, LH hinged, or wicket door on right, RH hinged
- 2) Version: wicket door in centre, LH or RH hinged

Ordering size = BRH (nominal size height)	3000	6899	7200	7797	7889	8089	8608	8877	9231	9292	9334					
	2875	6769	7057	7605	7701	7941	8405	8658	8988	9053	9090	9186				
	2750	6636	6920	7420	7510	7794	8200	8438	8745	8814	8831	8872				
	2625	6509	6778	7227	7321	7649	7998	8223	8503	8572	8631	8705	8900			
	2500	6043	6307	6701	6794	7167	7459	7673	7927	7995	8333	8461	8828	8844		
	2375	5937	6192	6583	6676	7024	7318	7599	7790	7830	8145	8295	8620	8711	8746	
	2250	5862	6076	6462	6548	6890	7112	7515	7547	7701	7963	8119	8410	8513	8545	8771
	2125	5706	5936	6268	6425	6750	6969	7295	7382	7690	7830	7965	8200	8322	8441	8664
	2000	5585	5796	6124	6259	6603	6821	7133	7174	7528	7657	7790	7997	8206	8392	8575
	2250	2500	2750	3000	3250	3500	3750	4000	4250	4500	4750	5000	5250	5500	5750	6000
Ordering size = BRB (nominal size width)																

Number of fields without door field 1)	1 to 2475	2 to 3095	3 to 3715	4 to 4335	5 to 5115	6 to 5890	7
Number of fields without door field 2)	2 to 3735			4 to 5000		6 to 6000	



Maximum infill weights in kg/m²

Indicated weight for non-protruding up-and-over door ET 500 with wicket door (heavy version)

Ordering size = BRH (nominal size height)	3000	16	14	12	10	10	8	6	6	5	3					
	2875	18	16	14	12	10	8	8	6	6	3	3				
	2750	20	16	14	12	10	10	8	8	6	4	3				
	2625	20	18	16	14	12	10	10	8	6	4	4	3			
	2500	22	20	18	14	14	12	10	10	8	6	4	3	3		
	2375	24	22	20	16	14	12	12	10	8	6	5	4	3	3	
	2250	28	24	20	18	16	14	12	12	10	6	6	5	4	4	3
	2125	30	26	22	20	18	14	14	12	10	8	6	5	5	4	3
	2000	32	28	26	22	20	16	16	14	12	8	8	6	6	5	4
	2250	2500	2750	3000	3250	3500	3750	4000	4250	4500	4750	5000	5250	5500	5750	6000
Ordering size = BRB (nominal size width)																

Notice: non-protruding up-and-over doors ET 500 with driveway / inclination, max. BRH 2500 mm

Surface coating	€	Up to BRB 3000 mm	From BRB 3000 mm
Door leaf in Color	Per door	289	435
Door leaf in RAL to choose or CH 703	Per door	444	673
Door leaf in special colours	Per door	662	901

Accessories for collective garage non-protruding up-and-over doors ET 500 and sliding doors ST 500 See from page 64

Special operator accessories for SupraMatic HT operators See from page 76

Chain drive operator ITO 500 FU with control 560 as well as operator accessories See page 78

Operator accessories for SupraMatic HT and ITO 500 FU operators See from page 82

Notes and sketches

Collective garage sliding doors ST 500

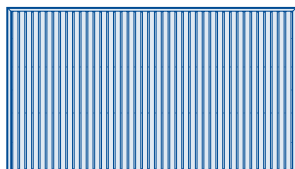
With operator SupraMatic HT

Style 402 – infill with vertical ribbed steel sheet overlapping the frame



For a product description, see from page 8

Style 402 – with vertical ribbed sheet
infill overlapping the frame



Collective garage door ST 500 including
operator SupraMatic HT

- Side guide
- One-way photocell (pre-assembled at the factory)
- Safety contact strip 8K2

Ordering size = BRH (nominal size height)	3000	6246	6566	7160	7204	7447	7954	8381	8471	8691	9349	9401	9668	9724		
	2875	6118	6424	6967	7046	7297	7754	8163	8173	8498	9047	9097	9362	9406		
	2750	5985	6278	6774	6807	7154	7551	7946	7966	8308	8739	8795	9056	9087	9122	
	2625	5858	6137	6583	6642	7001	7351	7731	7756	8115	8435	8579	8750	8851	8905	9033
	2500	5396	5659	6054	6152	6519	6815	7179	7208	7591	7800	7859	8112	8199	8269	8573
	2375	5293	5544	5935	6031	6377	6672	7023	7049	7395	7496	7631	7805	7964	8049	8440
	2250	5188	5432	5813	5903	6246	6467	6871	6905	7223	7446	7587	7645	7829	8004	8312
	2125	5060	5293	5626	5774	6104	6318	6654	6740	7054	7268	7522	7626	7655	7841	8198
	2000	4940	5150	5477	5620	5958	6170	6489	6525	6882	7091	7393	7456	7631	7834	8123
	2250	2500	2750	3000	3250	3500	3750	4000	4250	4500	4750	5000	5250	5500	5750	6000
Ordering size = BRB (nominal size width)																

Color	€ per m ²	49
RAL to choose and CH 703	€ per m ²	88
Special colours	€ per m ²	169
Accessories for collective garage non-protruding up-and-over doors ET 500 and sliding doors ST 500	See from page 64	
Special operator accessories for SupraMatic HT operators	See from page 76	
Chain drive operator ITO 500 FU with control 560 as well as operator accessories	See page 80	
Operator accessories for SupraMatic HT and ITO 500 FU operators	See from page 82	

Collective garage sliding doors ST 500

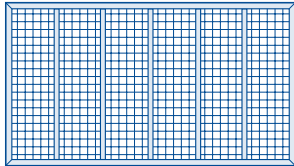
With operator SupraMatic HT

Style 403 – infill with 100 × 100 × 5 mm welded grille inside the frame



For a product description, see from page 8

Style 403 – with 100 × 100 × 5 mm welded grille inside the frame



Collective garage door ST 500 including operator SupraMatic HT

- Side guide
- One-way photocell (pre-assembled at the factory)
- Safety contact strip 8K2

Ordering size = BRH (nominal size height)	3000	6646	6948	7527	7626	7918	8125	8499	8602	8728	9979	10565	10986	11167	11342	11533
	2875	6492	6785	7320	7358	7738	7921	8321	8424	8559	9693	10225	10600	10764	10970	11236
	2750	6339	6626	7112	7174	7561	7730	8103	8169	8387	9499	9896	10225	10378	10609	10838
	2625	6185	6466	6905	6999	7386	7539	7888	7997	8227	9351	9504	9863	10116	10261	10456
	2500	5706	5974	6365	6483	6881	7020	7595	7693	8062	8632	8819	9163	9351	9530	9835
	2375	5581	5841	6302	6343	6704	6962	7419	7484	7896	8164	8507	8765	9017	9205	9624
	2250	5461	5710	6088	6193	6546	6798	7231	7327	7764	8059	8384	8521	8791	9058	9441
	2125	5312	5557	5887	6052	6387	6612	6969	7180	7535	7819	8107	8423	8533	8801	9253
	2000	5179	5404	5680	5875	6224	6450	6790	7059	7411	7688	7979	8301	8433	8707	9085
	2250	2500	2750	3000	3250	3500	3750	4000	4250	4500	4750	5000	5250	5500	5750	6000
Ordering size = BRB (nominal size width)																

Color	€ per m ²	49
RAL to choose and CH 703	€ per m ²	88
Special colours	€ per m ²	169
Accessories for collective garage non-protruding up-and-over doors ET 500 and sliding doors ST 500	See from page 64	
Special operator accessories for SupraMatic HT operators	See from page 76	
Chain drive operator ITO 500 FU with control 560 as well as operator accessories	See page 80	
Operator accessories for SupraMatic HT and ITO 500 FU operators	See from page 82	

Collective garage sliding doors ST 500

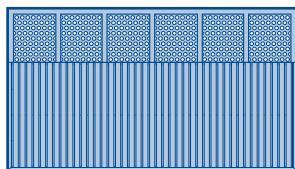
With operator SupraMatic HT



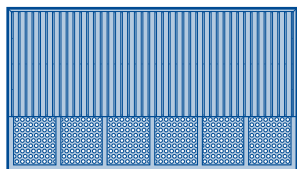
Style 414 – infill with vertical ribbed steel sheet overlapping the frame and perforated steel sheet

For a product description, see from page 8

Style 414 with surface-mounted vertical ribbed sheet infill and perforated sheet infill at top or bottom



Style 414
With top perforated steel sheet



Style 414
With bottom perforated steel sheet

Notice:

- Please indicate round / square perforation on the order.
- Standard height of the perforated sheet infill 590 mm.

Collective garage door ST 500 including operator SupraMatic HT

- Side guide
- One-way photocell (pre-assembled at the factory)
- Safety contact strip 8K2

Ordering size = BRH (nominal size height)	3000	7413	7904	8543	8648	9062	9620	11024	11080	11332	12115	12176	12320	12611		
	2875	7260	7737	8323	8460	8883	9384	10616	10800	11096	11683	11857	12088	12326		
	2750	7111	7565	8107	8194	8702	9149	10363	10398	11034	11422	11538	11915	12091	12200	
	2625	6960	7398	7889	8002	8520	8914	9958	10152	10630	11079	11465	11681	11810	11902	12104
	2500	6481	6906	7342	7484	8013	8349	9376	9576	9917	10406	10805	10923	11368	11599	11930
	2375	6356	6766	7194	7337	7840	8170	8569	9216	9606	10059	10573	10650	11085	11299	11754
	2250	6228	6626	7047	7179	7676	7939	8380	8723	9395	9657	10187	10289	10744	11079	11580
	2125	6081	6465	6831	7019	7504	7754	8123	8521	9184	9431	9842	9980	10519	10703	11171
	2000	5933	6292	6653	6827	7319	7566	7918	8265	8964	9203	9659	9755	10050	10476	10880
	2250	2500	2750	3000	3250	3500	3750	4000	4250	4500	4750	5000	5250	5500	5750	6000
Ordering size = BRB (nominal size width)																

Color	€ per m ²	49
RAL to choose and CH 703	€ per m ²	88
Special colours	€ per m ²	169
Accessories for collective garage non-protruding up-and-over doors ET 500 and sliding doors ST 500	See from page 64	
Special operator accessories for SupraMatic HT operators	See from page 76	
Chain drive operator ITO 500 FU with control 560 as well as operator accessories	See page 80	
Operator accessories for SupraMatic HT and ITO 500 FU operators	See from page 82	

Collective garage sliding doors ST 500

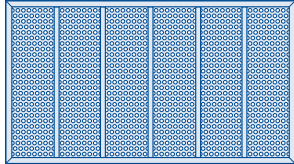
With operator SupraMatic HT

Style 412 and 413 – infill with perforated steel sheet

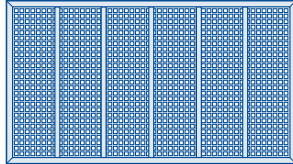


For a product description, see from page 8

Style 412 – perforated sheet, round



Style 413 – perforated sheet, square



Collective garage door ST 500 including operator SupraMatic HT

- Side guide
- One-way photocell (pre-assembled at the factory)
- Safety contact strip 8K2

Ordering size = BRH (nominal size height)	3000	7408	7811	8571	8680	9174	9773	11121	11265	11492	11900					
	2875	7228	7619	8321	8458	8954	9501	10765	10908	11208	11607					
	2750	7047	7428	8077	8232	8736	9234	10405	10553	10927	11315	11683				
	2625	6866	7237	7830	8021	8521	8963	10044	10200	10647	11023	11570	11885			
	2500	6353	6708	7250	7453	7971	8357	9351	9508	10033	10397	10920	11031	11550		
	2375	6199	6543	7078	7272	7760	8139	8634	9247	9767	10110	10622	10709	11215		
	2250	6045	6373	6888	7080	7554	7868	8403	8534	9487	9822	10318	10399	10883	11204	11680
	2125	5865	6183	6642	6886	7344	7645	8107	8286	9205	9524	10004	10096	10549	10860	11329
	2000	5693	5991	6440	6666	7124	7426	7863	7998	8928	9236	9692	9774	10215	10515	10964
	2250	2500	2750	3000	3250	3500	3750	4000	4250	4500	4750	5000	5250	5500	5750	6000
Ordering size = BRB (nominal size width)																

No. of fields	3 to 2345	4 to 3100	5 to 3875	6 to 4650	7 to 5425	8 to 6000
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Color	€ per m ²	49
RAL to choose and CH 703	€ per m ²	88
Special colours	€ per m ²	169
Accessories for collective garage non-protruding up-and-over doors ET 500 and sliding doors ST 500	See from page 64	
Special operator accessories for SupraMatic HT operators	See from page 76	
Chain drive operator ITO 500 FU with control 560 as well as operator accessories	See page 80	
Operator accessories for SupraMatic HT and ITO 500 FU operators	See from page 82	

Collective garage sliding doors ST 500

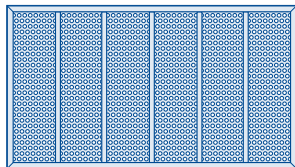
With operator SupraMatic HT

Style 432 and 433 – infill with aluminium perforated sheet

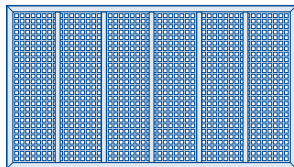


For a product description, see from page 8

Style 432 – perforated sheet, round



Style 433 – perforated sheet, square



Collective garage door ST 500 including operator SupraMatic HT

- Side guide
- One-way photocell (pre-assembled at the factory)
- Safety contact strip 8K2

Ordering size = BRH (nominal size height)	3000	8114	8585	9412	9597	10157	10828	12246	12462	12759	13240	14126	13856	14586	15231	15888
	2875	7903	8360	9140	9337	9906	10516	11844	12058	12425	12895	13682	13926	14191	14820	15454
	2750	7696	8139	8851	9075	9648	10203	11439	11655	12091	12543	13308	13546	13625	14406	15021
	2625	7483	7915	8574	8819	9382	9885	11032	11246	11756	12195	12808	13182	13400	14006	14585
	2500	6938	7356	7954	8218	8792	9239	10290	10515	11090	11515	12094	12445	12658	13245	13818
	2375	6757	7158	7752	7999	8543	8977	9524	10193	10770	11171	11737	11876	12253	12832	13383
	2250	6579	6961	7527	7767	8298	8667	9248	9432	10436	10824	11373	11510	12044	12421	12951
	2125	6364	6735	7246	7538	8048	8393	8903	9130	10082	10511	10998	11145	11649	12009	12527
	2000	6164	6510	7000	7277	7782	8125	8617	8794	9772	10128	10629	10761	11252	11593	12091
	2250	2500	2750	3000	3250	3500	3750	4000	4250	4500	4750	5000	5250	5500	5750	6000
Ordering size = BRB (nominal size width)																

No. of fields	3 to 2345	4 to 3100	5 to 3875	6 to 4650	7 to 5425	8 to 6000
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Color	€ per m ²	49
RAL to choose and CH 703	€ per m ²	88
Special colours	€ per m ²	169
Accessories for collective garage non-protruding up-and-over doors ET 500 and sliding doors ST 500	See from page 64	
Special operator accessories for SupraMatic HT operators	See from page 76	
Chain drive operator ITO 500 FU with control 560 as well as operator accessories	See page 80	
Operator accessories for SupraMatic HT and ITO 500 FU operators	See from page 82	

Collective garage sliding doors ST 500

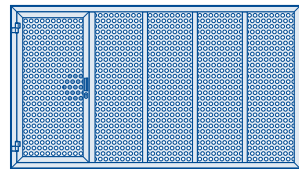
With operator SupraMatic HT

Styles 412 and 413 with wicket door – infill with perforated steel sheet

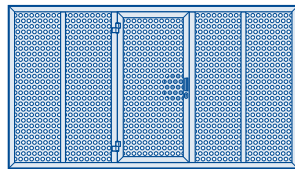


For a product description, see from page 8

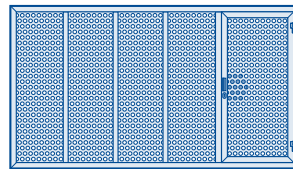
Style 412 – perforated sheet, round
Style 413 – perforated sheet, square



With wicket door on left



With wicket door centre



With wicket door on right

Collective garage door ST 500 including operator SupraMatic HT

- Side guide
- One-way photocell (pre-assembled at the factory)
- Safety contact strip 8K2
- Activating kit
- Wicket door contact STK 2 (pre-assembled at the factory)

Important notice:

On sliding door ST 500 with wicket door, observe the wicket door's opening sense; see product description from page 8.

Ordering size = BRH (nominal size height)	3000	8414	8818	9582	10110	10729	11171	11531	12013	12430						
	2875	8232	8624	9335	9859	10461	10897	11219	11701	12151						
	2750	8053	8432	9087	9609	10193	10683	10906	11395	11867						
	2625	7872	8242	8840	9358	9926	10344	10596	11084	11588						
	2500	7358	7712	8257	8773	9326	9738	10280	10438	10976						
	2375	7205	7546	8079	8273	9098	9507	10033	10171	10695	11038					
	2250	7050	7380	7893	8082	8884	9213	9782	9924	10415	10745	11245				
	2125	6871	7191	7650	7891	8348	8981	9466	9662	10132	10454	10930				
	2000	6699	6998	7445	7673	8133	8430	9208	9351	9855	10164	10622				
	2250	2500	2750	3000	3250	3500	3750	4000	4250	4500	4750	5000	5250	5500	5750	6000
Ordering size = BRB (nominal size width)																

Number of fields without door field	1 to 2315	2 to 2935	3 to 3555	4 to 4180	5 to 4955	6 to 5000	Version: Wicket door on left, LH hinged or Wicket door on right, RH hinged
Number of fields without door field	2 to 3180		4 to 5000				Version: Wicket door in centre, LH or RH hinged

Color	€ per m ²	49
RAL to choose and CH 703	€ per m ²	88
Special colours	€ per m ²	169
Accessories for collective garage non-protruding up-and-over doors ET 500 and sliding doors ST 500	See from page 64	
Special operator accessories for SupraMatic HT operators	See from page 76	
Chain drive operator ITO 500 FU with control 560 as well as operator accessories	See page 80	
Operator accessories for SupraMatic HT and ITO 500 FU operators	See from page 82	

Collective garage sliding doors ST 500

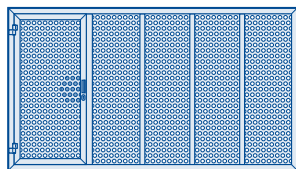
With operator SupraMatic HT

Style 432 and 433 with wicket door – infill with aluminium perforated sheet

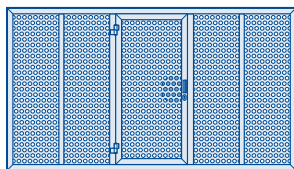


For a product description, see from page 8

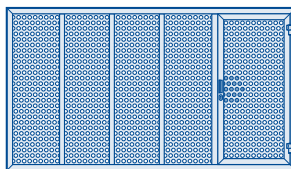
Style 432 – perforated sheet, round
Style 433 – perforated sheet, square



With wicket door on left



With wicket door centre



With wicket door on right

Collective garage door ST 500 including operator SupraMatic HT

- Side guide
- One-way photocell (pre-assembled at the factory)
- Safety contact strip 8K2
- Activating kit
- Wicket door contact STK 2 (pre-assembled at the factory)

Important notice:

On sliding door ST 500 with wicket door, observe the wicket door's opening sense; see product description from page 8.

Ordering size = BRH (nominal size height)	3000	9118	9593	10428	11027	11715	12232	12998	13209	13700	14174	14870				
	2875	8908	9366	10152	10739	11408	11913	12635	12851	13364	13831	14499				
	2750	8702	9148	9860	10447	11099	11649	12275	12493	13033	13477	14126				
	2625	8492	8919	9568	10167	10789	11252	11915	12127	12698	13130	13760	14245	14757		
	2500	7946	8361	8964	9540	10150	10617	11216	11443	12032	12448	13047	13550	14065		
	2375	7766	8162	8758	9000	9883	10343	10924	11120	11699	12101	12674	13189	13706	14236	14757
	2250	7583	7964	8532	8772	9623	10015	10627	10824	11361	11752	12299	12829	13360	13892	14422
	2125	7369	7741	8249	8541	9053	9728	10268	10511	11008	11402	11928	12470	13010	13547	14087
	2000	7168	7514	8008	8284	8792	9134	9959	10152	10699	11055	11559	12111	12657	13202	13751
	2250	2500	2750	3000	3250	3500	3750	4000	4250	4500	4750	5000	5250	5500	5750	6000
Ordering size = BRB (nominal size width)																

Number of fields without door field 1)	1 to 2315	2 to 2935	3 to 3555	4 to 4180	5 to 4955	6 to 5730	7
Number of fields without door field 2)	2 to 3180		4 to 5240				6

1) Version:
Wicket door on left, LH hinged, or wicket door on right, RH hinged

2) Version:
Wicket door in centre, LH or RH hinged

Color	€ per m ²	49
RAL to choose and CH 703	€ per m ²	88
Special colours	€ per m ²	169
Accessories for collective garage non-protruding up-and-over doors ET 500 and sliding doors ST 500	See from page 64	
Special operator accessories for SupraMatic HT operators	See from page 76	
Chain drive operator ITO 500 FU with control 560 as well as operator accessories	See page 80	
Operator accessories for SupraMatic HT and ITO 500 FU operators	See from page 82	

Collective garage sliding doors ST 500

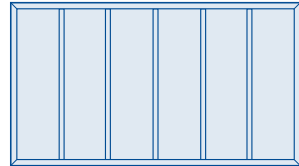
With operator SupraMatic HT

Style 420 – infill with aluminium sheet inside the frame



For a product description, see from page 8

Style 420 – infill with aluminium sheet inside the frame



Collective garage door ST 500 including operator SupraMatic HT

- Side guide
- One-way photocell (pre-assembled at the factory)
- Safety contact strip 8K2

Ordering size = BRH (nominal size height)	3000	7781	8176	8930	9036	9572	9997	11549	11748	11865	12267	12678				
	2875	7599	7988	8686	8818	9348	9763	11172	11360	11583	11975	12547	12862			
	2750	7421	7796	8440	8596	9121	9530	10800	10980	11299	11681	12240	12361	12610		
	2625	7239	7603	8199	8377	8896	9291	8763	10597	11015	11391	11932	12045	12325		
	2500	6720	7080	7620	7822	8336	8725	9723	9878	10399	10765	11289	11398	11708	12047	
	2375	6572	6909	7439	7637	7943	8507	9002	9612	10131	10478	10987	11079	11582	11701	12412
	2250	6415	6742	7257	7444	7925	8234	8769	8899	9855	10187	10684	10768	11253	11572	12045
	2125	6233	6551	7012	7255	7710	8013	8473	8657	9576	9892	10370	10462	10917	11229	11695
	2000	6061	6361	6810	7034	7494	7794	8228	8364	9291	9602	10060	10139	10585	10882	11332
	2250	2500	2750	3000	3250	3500	3750	4000	4250	4500	4750	5000	5250	5500	5750	6000
Ordering size = BRB (nominal size width)																

No. of fields	3 to 2345	4 to 3100	5 to 3875	6 to 4650	7 to 5425	8 to 6000
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Color	€ per m ²	49
RAL to choose and CH 703	€ per m ²	88
Special colours	€ per m ²	169
Accessories for collective garage non-protruding up-and-over doors ET 500 and sliding doors ST 500	See from page 64	
Special operator accessories for SupraMatic HT operators	See from page 76	
Chain drive operator ITO 500 FU with control 560 as well as operator accessories	See page 80	
Operator accessories for SupraMatic HT and ITO 500 FU operators	See from page 82	

Collective garage sliding doors ST 500

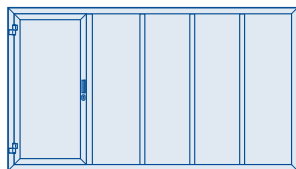
With operator SupraMatic HT

Style 420 with wicket door – infill with aluminium sheet inside the frame

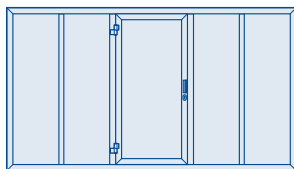


For a product description, see from page 8

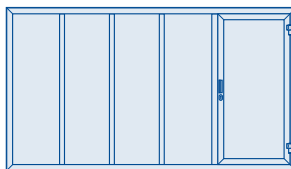
Style 420 with wicket door – infill with aluminium sheet inside the frame



With wicket door on left



With wicket door centre



With wicket door on right

Collective garage door ST 500 including operator SupraMatic HT

- Side guide
- One-way photocell (pre-assembled at the factory)
- Safety contact strip 8K2
- Activating kit
- Wicket door contact STK 2 (pre-assembled at the factory)

Important notice:

On sliding door ST 500 with wicket door, observe the wicket door's opening sense; see product description from page 8.

Ordering size = BRH (nominal size height)	3000	9468	9947	10754	12157	12307	12698	13187	13759	14075						
	2875	9118	9564	10308	11518	11725	11998	12783	12854	13348						
	2750	8768	9180	9858	10882	11124	11368	12126	12283	12782						
	2625	8414	8799	9408	10244	10908	11024	11557	11710	12220	12547					
	2500	7726	8082	8626	9276	9690	10107	10647	10803	11323	11631	12471				
	2375	7575	7915	8448	8640	9602	9873	10399	10539	11061	11385	11839				
	2250	7423	7748	8262	8450	9384	9719	10285	10293	10785	11113	11617	11777	12219		
	2125	7073	7365	7813	8038	8499	8799	9713	9855	10221	10527	10987	11496	12026		
	2000	6944	7202	7693	7889	8356	8668	9562	9739	10102	10386	10870	11379	11914		
	2250	2500	2750	3000	3250	3500	3750	4000	4250	4500	4750	5000	5250	5500	5750	6000
Ordering size = BRB (nominal size width)																

Number of fields without door field	1 to 2315	2 to 2935	3 to 3555	4 to 4180	5 to 4955	6 to 5500	Version: Wicket door on left, LH hinged or Wicket door on right, RH hinged
Number of fields without door field	2 to 3180		4 to 5240			6 to 5500	Version: Wicket door in centre, LH or RH hinged

Color	€ per m ²	49
RAL to choose and CH 703	€ per m ²	88
Special colours	€ per m ²	169
Accessories for collective garage non-protruding up-and-over doors ET 500 and sliding doors ST 500	See from page 64	
Special operator accessories for SupraMatic HT operators	See from page 76	
Chain drive operator ITO 500 FU with control 560 as well as operator accessories	See page 80	
Operator accessories for SupraMatic HT and ITO 500 FU operators	See from page 82	

Collective garage sliding doors ST 500

With operator SupraMatic HT

Style 422 – infill with aluminium sheet overlapping the frame

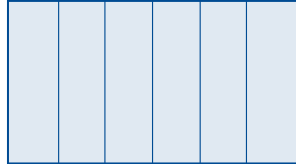


For a product description, see from page 8

Style 422 – infill with aluminium sheet overlapping the frame

Collective garage door ST 500 including operator SupraMatic HT

- Side guide
- One-way photocell (pre-assembled at the factory)
- Safety contact strip 8K2



Ordering size = BRH (nominal size height)	3000	8333	8733	9488	9606	9810	10573	12128	12343	12471	12875					
	2875	8140	8534	9236	9371	9576	10329	11750	12116	12175	12582	13058				
	2750	7951	8334	8986	9144	9345	10090	11368	11554	11884	12271	12840	12926			
	2625	7764	8133	8733	8915	9107	9847	10983	11161	11588	11972	12519	12642	13074		
	2500	7574	7937	8483	8689	8877	9604	10440	10768	11296	11668	12199	12318	12635		
	2375	7413	7756	8292	8494	8809	9376	9878	10494	11018	11372	11890	11984	12499	12628	
	2250	7250	7420	8104	8295	8776	9095	9634	9773	10733	11072	11574	11665	12159	12483	12735
	2125	7059	7384	7851	8098	8554	8868	9330	9519	10443	10769	11252	11352	11813	12127	12602
	2000	6883	7186	7472	7866	8333	8638	9080	9223	10154	10468	10766	10517	11470	11773	12232
	2250	2500	2750	3000	3250	3500	3750	4000	4250	4500	4750	5000	5250	5500	5750	6000
Ordering size = BRB (nominal size width)																

No. of fields	3 to 2345	4 to 3100	5 to 3875	6 to 4650	7 to 5425	8 to 6000
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Color	€ per m ²	49
RAL to choose and CH 703	€ per m ²	88
Special colours	€ per m ²	169
Accessories for collective garage non-protruding up-and-over doors ET 500 and sliding doors ST 500	See from page 64	
Special operator accessories for SupraMatic HT operators	See from page 76	
Chain drive operator ITO 500 FU with control 560 as well as operator accessories	See page 80	
Operator accessories for SupraMatic HT and ITO 500 FU operators	See from page 82	

Collective garage sliding doors ST 500

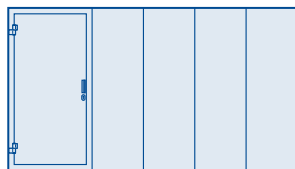
With operator SupraMatic HT

Style 422 with wicket door – infill with surface-mounted aluminium sheet

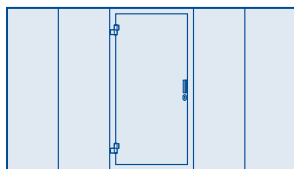


For a product description, see from page 8

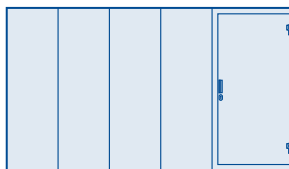
Style 422 with wicket door – infill with surface-mounted aluminium sheet



With wicket door on left



With wicket door centre



With wicket door on right

Collective garage door ST 500 including operator SupraMatic HT

- Side guide
- One-way photocell (pre-assembled at the factory)
- Safety contact strip 8K2
- Activating kit
- Wicket door contact STK 2 (pre-assembled at the factory)

Important notice:

On sliding door ST 500 with wicket door, observe the wicket door's opening sense; see product description from page 8.

Ordering size = BRH (nominal size height)	3000	10395	10894	11918	12267	12534	12983	13815	14130							
	2875	10041	10512	11468	11801	12092	12527	13361	13661	14277						
	2750	9689	10128	11017	11332	11653	12067	12911	13194	13799						
	2625	9338	9746	10571	10862	11206	11607	12459	12728	13308						
	2500	8987	9363	10119	10397	10766	11148	12010	12260	12826						
	2375	8632	8981	9671	9927	10324	10688	11559	11790	12345	12683					
	2250	8281	8597	9224	9460	9880	10228	11109	11327	11856	12184	12702	13163	13448		
	2125	7928	8215	8772	8994	9439	9771	10659	10857	11374	11680	12184	12568	12805		
	2000	7576	7834	8322	8527	8995	9312	10206	10387	10889	11176	11665	12101	12349		
	2250	2500	2750	3000	3250	3500	3750	4000	4250	4500	4750	5000	5250	5500	5750	6000
Ordering size = BRB (nominal size width)																

Number of fields without door field	1 to 2315	2 to 2935	3 to 3555	4 to 4180	5 to 4955	6	Version: Wicket door on left, LH hinged or Wicket door on right, RH hinged
Number of fields without door field	2 to 3180		4 to 5240			6	Version: Wicket door in centre, LH or RH hinged

Color	€ per m ²	49
RAL to choose and CH 703	€ per m ²	88
Special colours	€ per m ²	169
Accessories for collective garage non-protruding up-and-over doors ET 500 and sliding doors ST 500	See from page 64	
Special operator accessories for SupraMatic HT operators	See from page 76	
Chain drive operator ITO 500 FU with control 560 as well as operator accessories	See page 80	
Operator accessories for SupraMatic HT and ITO 500 FU operators	See from page 82	

Collective garage sliding doors ST 500

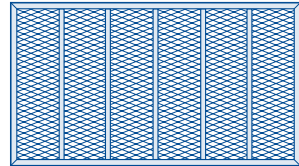
With operator SupraMatic HT

Style 440 – infill with steel expanded mesh 43 × 10 × 2.5 mm



For a product description, see from page 8

Style 440 – infill with steel expanded mesh 43 × 10 × 2.5 mm



Collective garage door ST 500 including operator SupraMatic HT

- Side guide
- One-way photocell (pre-assembled at the factory)
- Safety contact strip 8K2

Ordering size = BRH (nominal size height)	3000	7631	8035	8793	8903	9396	9921	10972	11565	11789	12198					
	2875	7447	7843	8544	8680	9177	9725	10764	11207	11507	11904					
	2750	7272	7652	8300	8458	8960	9458	10327	10851	11224	11614	11980				
	2625	7091	7460	8054	8245	8744	9185	10117	10497	10945	11319	11865	12032			
	2500	6577	6931	7477	7675	8195	8573	9576	9807	10336	10695	11216	11328	11637		
	2375	6422	6766	7301	7493	7983	8361	8857	9468	9990	10409	10919	11008	11515		
	2250	6268	6598	7112	7304	7779	8091	8626	8758	9712	10118	10615	10698	11181	11502	11978
	2125	6089	6407	6866	7111	7566	7866	8330	8510	9428	9824	10302	10394	10846	11159	11628
	2000	5915	6215	6662	6889	7347	7650	8088	8220	9150	9536	9990	10072	10515	10812	11261
	2250	2500	2750	3000	3250	3500	3750	4000	4250	4500	4750	5000	5250	5500	5750	6000
Ordering size = BRB (nominal size width)																

No. of fields	3 to 2345	4 to 3100	5 to 3875	6 to 4650	7 to 5425	8 to 6000
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Color	€ per m ²	49
RAL to choose and CH 703	€ per m ²	88
Special colours	€ per m ²	169
Accessories for collective garage non-protruding up-and-over doors ET 500 and sliding doors ST 500	See from page 64	
Special operator accessories for SupraMatic HT operators	See from page 76	
Chain drive operator ITO 500 FU with control 560 as well as operator accessories	See page 80	
Operator accessories for SupraMatic HT and ITO 500 FU operators	See from page 82	

Collective garage sliding doors ST 500

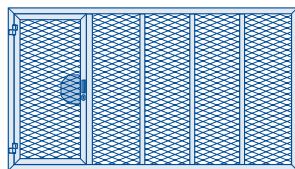
With operator SupraMatic HT

Style 440 with wicket door – infill with steel expanded mesh 43 × 10 × 2.5 mm

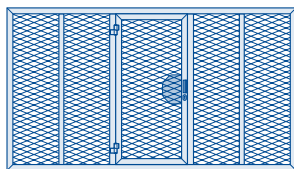


For a product description, see from page 8

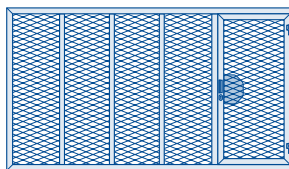
Style 440 with wicket door – infill with steel expanded mesh 43 × 10 × 2.5 mm



With wicket door on left



With wicket door centre



With wicket door on right

Collective garage door ST 500 including operator SupraMatic HT

- Side guide
- One-way photocell (pre-assembled at the factory)
- Safety contact strip 8K2
- Activating kit
- Wicket door contact STK 2 (pre-assembled at the factory)

Important notice:

On sliding door ST 500 with wicket door, observe the wicket door's opening sense; see product description from page 8.

Ordering size = BRH (nominal size height)	3000	8510	8905	9812	10751	11367	11813	11905	12388							
	2875	8330	8715	9568	10434	11035	11470	11593	12075	12527						
	2750	8150	8522	9174	10116	10700	11127	11282	11768	12240						
	2625	7966	8332	8929	9800	10369	10708	10970	11455	11962						
	2500	7445	7805	8348	8998	9474	9885	10501	10662	11200	11493					
	2375	7295	7637	8168	8361	9323	9655	10256	10395	10919	11203					
	2250	7142	7469	7985	8170	9106	9363	10005	10151	10563	10894	11468				
	2125	6890	7202	7664	7874	8320	9053	9541	9693	10187	10498	10946				
	2000	6716	7011	7459	7688	8149	8446	9362	9586	10003	10313	10768	11120	11456		
		2250	2500	2750	3000	3250	3500	3750	4000	4250	4500	4750	5000	5250	5500	5750
Ordering size = BRB (nominal size width)																

Number of fields without door field 1)	1 to 2315	2 to 2935	3 to 3555	4 to 4180	5 to 4955	6 to 5500
Number of fields without door field 2)	2 to 3180		4 to 5240			6 up to 5500

1) Version:
Wicket door on left, LH hinged, or wicket door on right, RH hinged

2) Version:
Wicket door in centre, LH or RH hinged

Color	€ per m ²	49
RAL to choose and CH 703	€ per m ²	88
Special colours	€ per m ²	169
Accessories for collective garage non-protruding up-and-over doors ET 500 and sliding doors ST 500	See from page 64	
Special operator accessories for SupraMatic HT operators	See from page 76	
Chain drive operator ITO 500 FU with control 560 as well as operator accessories	See page 80	
Operator accessories for SupraMatic HT and ITO 500 FU operators	See from page 82	

Collective garage sliding doors ST 500

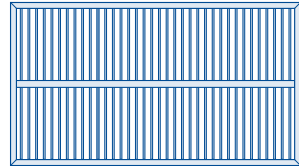
With operator SupraMatic HT

Style 470 – infill with aluminium bars 20 × 20 × 2 mm



For a product description, see from page 8

Style 470 – infill with aluminium bars 20 × 20 × 2 mm



Collective garage door ST 500 including operator SupraMatic HT

- Side guide
- One-way photocell (pre-assembled at the factory)
- Safety contact strip 8K2

Ordering size = BRH (nominal size height)	3000	11138	11311	11639	11836	12100	12279	12586	12967	13504	13897	14269	14467	14915	15321	15600
	2875	10873	11033	11361	11571	11836	12015	12321	12689	13202	13633	13969	14215	14614	14860	14995
	2750	10522	10764	11097	11305	11571	11752	12015	12384	12799	13354	13704	13982	14230	14439	14695
	2625	10255	10503	10813	11041	11322	11488	11752	12107	12534	13076	13348	13733	13997	14175	14323
	2500	10042	10240	10554	10902	11072	11217	11488	11806	12128	12587	13003	13374	13804	13909	14021
	2375	9721	9940	10252	10638	10795	10929	11222	11528	11863	12144	12445	12968	13293	13404	13474
	2250	9476	9701	9974	10369	10532	10665	10945	11262	11599	11841	12168	12445	12828	12990	13172
	2125	9198	9465	9696	10031	10263	10400	10680	10998	11333	11564	11861	12044	12272	12574	12874
	2000	8933	9165	9396	9627	9859	10138	10413	10733	11150	11374	11559	11743	11902	12310	12609
	2250	2500	2750	3000	3250	3500	3750	4000	4250	4500	4750	5000	5250	5500	5750	6000
Ordering size = BRB (nominal size width)																

Color	€ per m ²	49
RAL to choose and CH 703	€ per m ²	88
Special colours	€ per m ²	169
Accessories for collective garage non-protruding up-and-over doors ET 500 and sliding doors ST 500	See from page 64	
Special operator accessories for SupraMatic HT operators	See from page 76	
Chain drive operator ITO 500 FU with control 560 as well as operator accessories	See page 80	
Operator accessories for SupraMatic HT and ITO 500 FU operators	See from page 82	

Collective garage sliding doors ST 500

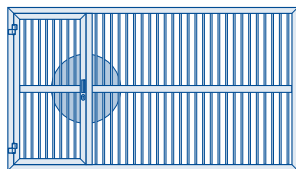
With operator SupraMatic HT

Style 470 with wicket door – infill with aluminium bars 20 × 20 × 2 mm



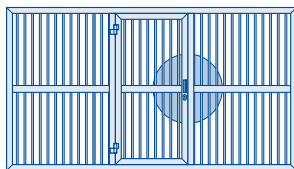
For a product description, see from page 8

Style 470 with wicket door – infill with aluminium bars 20 × 20 × 2 mm



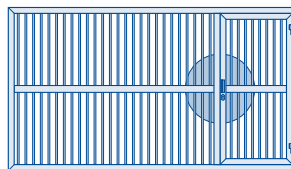
With wicket door on left

LH hinged



With wicket door centre

LH hinged or RH hinged



With wicket door on right

RH hinged

Collective garage door ST 500 including operator SupraMatic HT

- Side guide
- One-way photocell (pre-assembled at the factory)
- Safety contact strip 8K2
- Activating kit
- Wicket door contact STK 2 (pre-assembled at the factory)

Important notice:

On sliding door ST 500 with wicket door, observe the wicket door's opening sense; see product description from page 8.

Ordering size = BRH (nominal size height)	3000	11839	12012	12343	12538	12804	12979	13287	13667	14205	14599					
	2875	11576	11735	12063	12272	12538	12718	13021	13387	13903	14335	14671				
	2750	11223	11467	11799	12008	12272	12455	12718	13087	13499	14057	14405	14683			
	2625	10955	11205	11516	11743	12024	12187	12455	12809	13236	13778	14048	14434	14699		
	2500	10744	10942	11110	11605	11775	11918	12187	12507	12830	13288	13423	14073	14503	14611	
	2375	10423	10641	10952	11340	11494	11630	11922	12231	12564	12843	13147	13668	13993	14105	14177
	2250	10178	10405	10675	11068	11235	11367	11643	11965	12299	12543	12867	13144	13528	13691	13873
	2125	9899	10167	10399	10733	10966	11100	11380	11700	12036	12265	12561	12745	12974	13275	13575
	2000	9635	9866	10097	10328	10560	10837	11115	11435	11853	12076	12261	12444	12602	13010	13311
	2250	2500	2750	3000	3250	3500	3750	4000	4250	4500	4750	5000	5250	5500	5750	6000
Ordering size = BRB (nominal size width)																

Color	€ per m ²	49
RAL to choose and CH 703	€ per m ²	88
Special colours	€ per m ²	169
Accessories for collective garage non-protruding up-and-over doors ET 500 and sliding doors ST 500	See from page 64	
Special operator accessories for SupraMatic HT operators	See from page 76	
Chain drive operator ITO 500 FU with control 560 as well as operator accessories	See page 80	
Operator accessories for SupraMatic HT and ITO 500 FU operators	See from page 82	

Collective garage sliding doors ST 500

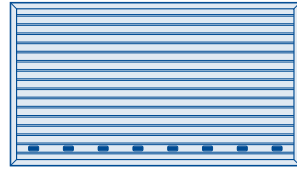
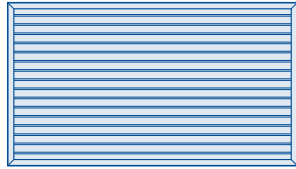
With operator SupraMatic HT

Style 480 – infill with steel sections

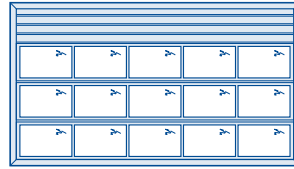


For a product description, see from page 8

Style 480 – infill with steel sections



With ventilation grille



With aluminium frame type N

Collective garage door ST 500 including operator SupraMatic HT

- Side guide
- One-way photocell (pre-assembled at the factory)
- Safety contact strip 8K2

Notice:

Top section not possible as an aluminium frame!

Ordering size = BRH (nominal size height)	3000	7699	8121	8684	9045	9568	10192	11604	11775	12769						
	2875	7507	7920	8425	8809	9338	9910	11231	11401	12274						
	2750	7316	7712	8164	8574	9106	9623	10856	11029	11806	12188					
	2625	7122	7510	8140	8336	8878	9343	10484	10653	11322	11706	12125				
	2500	6598	6972	7547	7767	8311	8722	9773	9946	10509	10893	11460				
	2375	6435	6796	7356	7572	8091	8488	9508	9668	10214	10578	11125	12283			
	2250	6274	6620	7165	7367	7874	8205	8765	9402	9922	10270	10795	11856	12841		
	2125	6084	6423	6907	7167	7649	7965	8451	8655	9621	9959	10462	11430	12400		
	2000	5900	6217	6689	6931	7420	7732	8196	8344	9324	9651	10130	10615	11099		
	2250	2500	2750	3000	3250	3500	3750	4000	4250	4500	4750	5000	5250	5500	5750	6000
Ordering size = BRB (nominal size width)																
Number of infills for aluminium frame type N	2 to 2575		3 to 3575				4 to 4575				5 to 5500					
No. of ventilation grilles	min. 2 up to max. 18 (exact number on request)															

Alternative infills

Anodised aluminium frame type N

Made of aluminium extrusion tubular profiles 500 mm or 625 mm high depending on door height, with DURATEC synthetic double pane, clear, 26 mm, 52 mm wide rails

Per m² € 397

Aluminium frame with stainless steel expanded mesh

Ventilation cross-section 58 % of the infill surface

Per m² € 397

Aluminium frame with perforated stainless steel sheet

8 mm perforation, ventilation cross-section 40 % of the infill surface

Per m² € 453

Surface coating for aluminium frame

Polyester primer-coating on one or two sides

On request

Ventilation grilles

Black plastic ventilation grille, ventilation cross-section 40 cm² per grille

Each € 38

Collective garage sliding doors ST 500

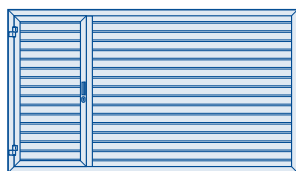
With operator SupraMatic HT

Style 480 with wicket door – infill with steel sections

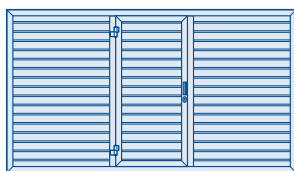


For a product description, see from page 8

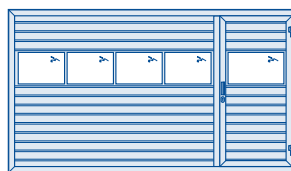
Style 480 – infill with steel sections



With wicket door on left



With wicket door centre



With wicket door on right

Collective garage door ST 500 including operator SupraMatic HT

- Side guide
- One-way photocell (pre-assembled at the factory)
- Safety contact strip 8K2
- Activating kit
- Wicket door contact STK 2 (pre-assembled at the factory)

Notice:

Top section not possible as an aluminium frame!

Important notice:

On sliding door ST 500 with wicket door, observe the wicket door's opening sense; see product description from page 8.

Ordering size = BRH (nominal size height)	3000	8736	9032	9813	9948	10453	11092									
	2875	8544	8827	9407	9714	10227	10809	12126								
	2750	8355	8621	9299	9482	10004	10524	11754	11933							
	2625	8162	8417	9045	9241	9775	10242	11385	11559							
	2500	7637	7875	8451	8671	9214	9623	10677	10849	11407						
	2375	7474	7834	8257	8474	8994	9392	10410	10570	11298	11489					
	2250	7310	7656	8200	8269	8775	9107	9668	10305	10825	11172	11698				
	2125	7119	7459	7860	8203	8549	8871	9352	9553	10523	10861	11361				
	2000	6937	7254	7724	7968	8457	8634	9097	9248	10228	10551	11032				
	2250	2500	2750	3000	3250	3500	3750	4000	4250	4500	4750	5000	5250	5500	5750	6000
Ordering size = BRB (nominal size width)																
Number of infills for aluminium frame type N (without door field)	1 to 2655		2 to 3655				3 to 4655				4 to 5000		Version: Wicket door on left, LH hinged or Wicket door on right, RH hinged			
Number of infills for aluminium frame type N (without door field)	2 to 4185								4 to 5000				Version: Wicket door in centre, LH or RH hinged			

Color	€ per m ²	49
RAL to choose and CH 703	€ per m ²	88
Special colours	€ per m ²	169
Accessories for collective garage non-protruding up-and-over doors ET 500 and sliding doors ST 500	See from page 64	
Special operator accessories for SupraMatic HT operators	See from page 76	
Chain drive operator ITO 500 FU with control 560 as well as operator accessories	See page 80	
Operator accessories for SupraMatic HT and ITO 500 FU operators	See from page 82	

Collective garage sliding doors ST 500

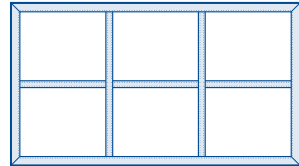
With operator SupraMatic HT

Style 405 – for on-site infill overlapping the frame



For a product description, see from page 8

Style 405 – for on-site infill overlapping the frame



Collective garage door ST 500 including operator SupraMatic HT

- Side guide
- One-way photocell (pre-assembled at the factory)
- Safety contact strip 8K2

Ordering size = BRH (nominal size height)	3000	6018	6332	6884	6915	7215	7723	8150	8157							
	2875	5891	6193	6722	6730	7072	7522	7933	7943	8179						
	2750	5758	6047	6535	6573	6920	7321	7712	7736	8069	8261					
	2625	5625	5903	6348	6411	6771	7118	7500	7524	7879	8202	8220				
	2500	5165	5428	5824	5918	6289	6583	6943	6977	7354	7563	7627	7877	7966		
	2375	5062	5311	5704	5797	6144	6438	6791	6819	7166	7266	7400	7572	7732	7817	
	2250	4955	5197	5581	5671	6014	6236	6636	6670	6993	7211	7352	7413	7596	7772	8054
	2125	4828	5062	5392	5543	5872	6088	6422	6509	6824	7032	7287	7391	7426	7759	7966
	2000	4706	4918	5246	5383	5727	5937	6256	6294	6650	6858	7166	7218	7400	7599	7892
	2250	2500	2750	3000	3250	3500	3750	4000	4250	4500	4750	5000	5250	5500	5750	6000
Ordering size = BRB (nominal size width)																



Maximum infill weights in kg/m²

Indicated weight for sliding door ST 500

Ordering size = BRH (nominal size height)	3000	18	16	14	12	12	10	8	8							
	2875	20	18	16	14	12	10	10	8	8						
	2750	20	18	16	14	14	12	10	10	8	6					
	2625	22	18	16	16	14	12	10	10	8	6	6				
	2500	24	22	20	18	16	14	12	12	10	8	6	6	6		
	2375	26	22	20	18	16	14	14	12	10	8	8	6	6	6	
	2250	28	24	22	20	18	16	14	14	12	8	8	8	6	6	6
	2125	28	26	22	20	20	16	16	14	12	10	8	8	8	6	6
	2000	32	28	24	22	22	18	16	16	14	10	10	8	8	8	6
Ordering size = BRB (nominal size width)																

Surface coating	€	Up to BRB 3000 mm	From BRB 3000 mm
Door leaf in Color	Per door	289	435
Door leaf in RAL to choose or CH 703	Per door	444	673
Door leaf in special colours	Per door	662	901

Accessories for collective garage non-protruding up-and-over doors ET 500 and sliding doors ST 500 See from page 64

Special operator accessories for SupraMatic HT operators See from page 76

Chain drive operator ITO 500 FU with control 560 as well as operator accessories See page 80

Operator accessories for SupraMatic HT and ITO 500 FU operators See from page 82

Collective garage sliding doors ST 500

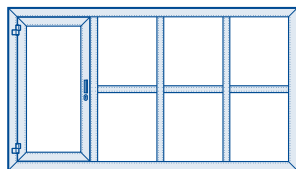
With operator SupraMatic HT

Style 405 with wicket door – for on-site infill overlapping the frame

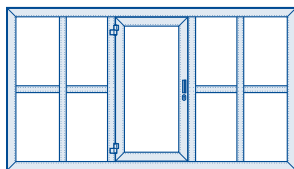


For a product description, see from page 8

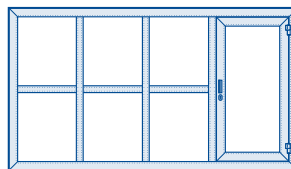
Style 405 – for on-site infill overlapping the frame



With wicket door on left



With wicket door centre



With wicket door on right

Collective garage door ST 500 including operator SupraMatic HT

- Side guide
- One-way photocell (pre-assembled at the factory)
- Safety contact strip 8K2
- Activating kit
- Wicket door contact STK 2 (pre-assembled at the factory)

Important notice:

On sliding door ST 500 with wicket door, observe the wicket door's opening sense; see product description from page 8.

Ordering size = BRH (nominal size height)	3000	6899	7200	7797	7889	8089	8608										
	2875	6769	7057	7605	7701	7941	8405										
	2750	6636	6920	7420	7510	7794	8200	8438									
	2625	6509	6778	7227	7321	7649	7998	8223									
	2500	6043	6307	6701	6794	7167	7459	7673	7927	7995							
	2375	5937	6192	6583	6676	7024	7318	7599	7790	7830							
	2250	5862	6076	6462	6548	6890	7112	7515	7719	7701							
	2125	5706	5936	6268	6425	6750	6969	7295	7382	7690	7830						
	2000	5585	5796	6124	6259	6603	6821	7133	7174	7528	7657	7790					
		2250	2500	2750	3000	3250	3500	3750	4000	4250	4500	4750	5000	5250	5500	5750	6000
Ordering size = BRB (nominal size width)																	



Maximum infill weights in kg/m²

Indicated weight for sliding door ST 500 with wicket door

Ordering size = BRH (nominal size height)	3000	12	10	8	8	6	6										
	2875	14	12	10	8	6	6										
	2750	14	12	10	8	8	6	6									
	2625	16	14	10	10	8	8	6									
	2500	18	16	12	12	10	10	8	6	6							
	2375	20	18	14	12	12	10	8	8	6							
	2250	20	18	18	14	12	12	10	8	8							
	2125	22	20	16	14	14	12	10	10	8	6						
	2000	24	22	18	16	14	14	12	10	10	6	6					
		2250	2500	2750	3000	3250	3500	3750	4000	4250	4500	4750	5000	5250	5500	5750	6000
Ordering size = BRB (nominal size width)																	

Surface coating	€	Up to BRB 3000 mm	From BRB 3000 mm
Door leaf in Color	Per door	289	435
Door leaf in RAL to choose or CH 703	Per door	444	673
Door leaf in special colours	Per door	662	901

Accessories for collective garage non-protruding up-and-over doors ET 500 and sliding doors ST 500 See from page 64

Special operator accessories for SupraMatic HT operators See from page 76

Chain drive operator ITO 500 FU with control 560 as well as operator accessories See page 80

Operator accessories for SupraMatic HT and ITO 500 FU operators See from page 82

Collective garage sliding doors ST 500

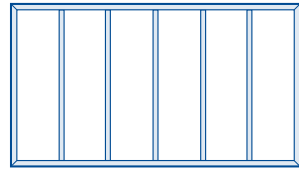
With operator SupraMatic HT

Style 400 – for on-site infill inside the frame



For a product description, see from page 8

Style 400 – for on-site infill inside the frame



Collective garage door ST 500 including operator SupraMatic HT

- Side guide
- One-way photocell (pre-assembled at the factory)
- Safety contact strip 8K2

Ordering size = BRH (nominal size height)	3000	6018	6332	6884	6915	7215	7723	8150	8157	8348	8537	8943	9229	9385	9671	9828
	2875	5891	6193	6722	6730	7072	7522	7933	7943	8179	8357	8726	8979	9006	9190	9424
	2750	5758	6047	6535	6573	6920	7321	7712	7736	8069	8261	8507	8726	8758	8852	8932
	2625	5625	5903	6348	6411	6771	7118	7500	7524	7879	8202	8219	8475	8619	8640	8698
	2500	5165	5416	5824	5918	6289	6583	6943	6977	7354	7563	7627	7877	7966	8030	8215
	2375	5062	5311	5704	5797	6144	6438	6791	6819	7166	7266	7400	7572	7732	7817	8125
	2250	4955	5197	5581	5671	6014	6236	6636	6670	6993	7211	7352	7413	7596	7772	8054
	2125	4828	5062	5392	5543	5872	6088	6422	6509	6824	7032	7287	7391	7426	7608	7966
	2000	4706	4918	5246	5383	5727	5937	6256	6294	6650	6858	7166	7218	7400	7599	7892
2250	2500	2750	3000	3250	3500	3750	4000	4250	4500	4750	5000	5250	5500	5750	6000	
Ordering size = BRB (nominal size width)																

No. of fields	3 to 2345	4 to 3100	5 to 3875	6 to 4650	7 to 5425	8 to 6000
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Maximum infill weights in kg/m²

Indicated weight for sliding door ST 500

Ordering size = BRH (nominal size height)	3000	20	18	16	14	12	10	10	8	8	6	5	4	4	3	3
	2875	22	18	16	14	14	12	10	10	8	6	5	5	4	3	3
	2750	22	20	18	16	14	12	12	10	10	6	6	5	4	4	3
	2625	24	22	20	18	16	14	12	10	10	8	6	6	5	4	4
	2500	26	24	20	18	16	14	14	12	10	8	6	6	6	5	4
	2375	28	24	22	20	18	16	14	12	12	8	8	6	6	5	5
	2250	30	26	24	22	18	18	16	14	12	10	8	8	6	6	6
	2125	32	28	26	24	20	18	18	16	14	10	10	8	8	6	6
	2000	34	32	28	26	22	20	18	16	16	12	10	10	8	8	6
	2250	2500	2750	3000	3250	3500	3750	4000	4250	4500	4750	5000	5250	5500	5750	6000
Ordering size = BRB (nominal size width)																

Surface coating	€	Up to BRB 3000 mm	From BRB 3000 mm
Door leaf in Color	Per door	289	435
Door leaf in RAL to choose or CH 703	Per door	444	673
Door leaf in special colours	Per door	662	901

Accessories for collective garage non-protruding up-and-over doors ET 500 and sliding doors ST 500 See from page 64

Special operator accessories for SupraMatic HT operators See from page 76

Chain drive operator ITO 500 FU with control 560 as well as operator accessories See page 80

Operator accessories for SupraMatic HT and ITO 500 FU operators See from page 82

Collective garage sliding doors ST 500

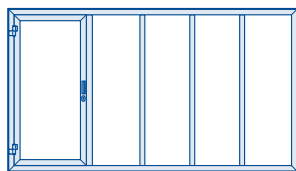
With operator SupraMatic HT

Style 400 with wicket door – for on-site infill inside the frame

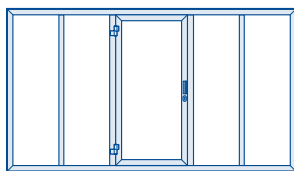


For a product description, see from page 8

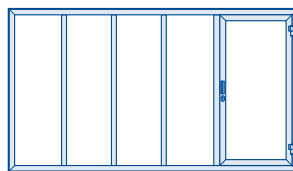
Style 400 – for on-site infill inside the frame



With wicket door on left



With wicket door centre



With wicket door on right

Important notice:

On sliding door ST 500 with wicket door, observe the wicket door's opening sense; see product description from page 8.

Collective garage door ST 500 including operator SupraMatic HT

- Side guide
- One-way photocell (pre-assembled at the factory)
- Safety contact strip 8K2
- Activating kit
- Wicket door contact STK 2 (pre-assembled at the factory)

- 1) Version: wicket door on left, LH hinged, or wicket door on right, RH hinged
- 2) Version: wicket door in centre, LH or RH hinged

Ordering size = BRH (nominal size height)	3000	6899	7200	7797	7889	8089	8608	8877	9231	9292	9334					
	2875	6769	7057	7605	7701	7941	8405	8658	8988	9053	9090	9186				
	2750	6636	6920	7420	7510	7794	8200	8438	8745	8814	8831	8872				
	2625	6509	6778	7227	7321	7649	7998	8223	8503	8572	8631	8705	8900			
	2500	6043	6307	6701	6794	7167	7459	7673	7927	7995	8333	8461	8828	8844		
	2375	5937	6192	6583	6676	7024	7318	7599	7790	7830	8145	8295	8620	8711	8746	
	2250	5862	6076	6462	6548	6890	7112	7515	7547	7701	7963	8119	8410	8513	8545	8771
	2125	5706	5936	6268	6425	6750	6969	7295	7382	7690	7830	7965	8200	8322	8441	8664
	2000	5585	5796	6124	6259	6603	6821	7133	7174	7528	7657	7790	7997	8206	8392	8575
	2250	2500	2750	3000	3250	3500	3750	4000	4250	4500	4750	5000	5250	5500	5750	6000
Ordering size = BRB (nominal size width)																

Number of fields without door field 1)	1 to 2315	2 to 2935	3 to 3555	4 to 4180	5 to 4955	6 to 5730	7 to 6000
Number of fields without door field 2)	2 to 3180		4 to 5240			6 to 6000	



Maximum infill weights in kg/m²

Indicated weight for sliding door ST 500 with wicket door

Ordering size = BRH (nominal size height)	3000	16	14	12	10	10	8	6	6	5	3					
	2875	18	16	14	12	10	8	8	6	6	3	3				
	2750	20	16	14	12	10	10	8	8	6	4	3				
	2625	20	18	16	14	12	10	10	8	6	4	4	3			
	2500	22	20	18	14	14	12	10	10	8	6	4	3	3		
	2375	24	22	20	16	14	12	12	10	8	6	5	4	3	3	
	2250	28	24	20	18	16	14	12	12	10	6	6	5	4	4	3
	2125	30	26	22	20	18	14	14	12	10	8	6	5	5	4	3
	2000	32	28	26	22	20	16	16	14	12	8	8	6	6	5	4
	2250	2500	2750	3000	3250	3500	3750	4000	4250	4500	4750	5000	5250	5500	5750	6000
Ordering size = BRB (nominal size width)																

Surface coating	€	Up to BRB 3000 mm	From BRB 3000 mm
Door leaf in Color	Per door	289	435
Door leaf in RAL to choose or CH 703	Per door	444	673
Door leaf in special colours	Per door	662	901

Accessories for collective garage non-protruding up-and-over doors ET 500 and sliding doors ST 500 See from page 64

Special operator accessories for SupraMatic HT operators See from page 76

Chain drive operator ITO 500 FU with control 560 as well as operator accessories See page 80

Operator accessories for SupraMatic HT and ITO 500 FU operators See from page 82

Accessories for collective garage doors

Non-protruding up-and-over doors ET 500 and sliding doors ST 500

Surcharges

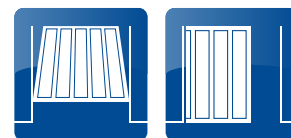


Surface coating					ET 500	ST 500
Subframe	Transom light frame	Galvanized		Per m	64	–
		Color		Per m	73	35
		RAL to choose or CH 703		Per m	86	45
		Special colours		Per m	133	72
	Side frame	Galvanized		Per m	64	–
		Color		Per m	73	21
		RAL to choose or CH 703		Per m	86	28
		Special colours		Per m	133	50
Door leaf	Primer powder-coating	Color		Per m²	49	49
		RAL to choose or CH 703		Per m²	88	88
		Special colours		Per m²	169	169
Door leaf styles 400 and 405	Primer powder-coating	Color	Up to BRB 3000 mm	Per door	289	289
			From BRB 3000 mm	Per door	435	435
		RAL to choose or CH 703	Up to BRB 3000 mm	Per door	444	444
			From BRB 3000 mm	Per door	673	673
		Special colours	Up to BRB 3000 mm	Per door	662	662
			From BRB 3000 mm	Per door	901	901
Weight box housing	Primer powder-coating in door leaf colour			Per door	130	–
Fitting situations					ET 500	ST 500
Flush-fitting with the facade	Only with subframe			Per door	502	–
Door with inclination	(Analogous to driveway) max. gradient 15° up to max. BRH 2500 mm			Per door	543	–
Accessories for wicket doors					ET 500	ST 500
Lever handle sets Offset / offset	Aluminium natural finish (F1), prepared for profile cylinder			Each	142	142
	Brushed stainless steel, prepared for profile cylinder			Each	191	191
	Polished stainless steel, prepared for profile cylinder			Each	214	214
Lever / knob handle sets offset / offset	Black plastic, prepared for profile cylinder			Each	81	–
	Aluminium natural finish (F1), prepared for profile cylinder			Each	164	–
	Brushed stainless steel, prepared for profile cylinder			Each	217	–
	Polished stainless steel, prepared for profile cylinder			Each	245	–
Overhead door closers	With slide rail		Included in the door price	Each	–	–
	With hold-open device		Surcharge	Each	147	147
Lock with anti-panic function E	Required for the ET 500 with lever / knob handle set / anti-panic push bar			Each	215	215
Lock SVP B-1916	Backset 40 mm, incl. lock plate Only possible with lever/knob handle set. Not possible with electric strike.			Each	501	501
Anti-panic push bar	Aluminium, also suitable for DIN EN 1125, only for closed infills (lock with anti-panic function required)			Each	468	468
Concealed hinges				Per door	357	Standard
Higher threshold				Per door	132	132
Wicket door seal	With door rebate on 3 sides in the door leaf colour and a brush seal on the hinge side of the door			Per door	142	142
	Notice: Standard for styles 420, 422 and 480!					
Electric strikes				Per door	110	110

Accessories for collective garage doors

Non-protruding up-and-over doors ET 500 and sliding doors ST 500

Surcharges

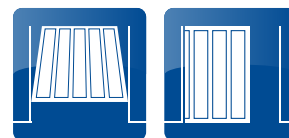


Fixed elements and fixed protection walls				ET 500 / ST 500
Attention: Fixing material is not included!				
Notice: A closing edge safety device is additionally required for a protection wall for the sliding door ST 500 (price on request)!	Style 403	RAL 9006 White aluminium (standard)	Per m²	443
		Color	Per m²	482
		RAL to choose or CH 703	Per m²	517
		Special colours	Per m²	665
	Styles 412 / 413 / 440	RAL 9006 White aluminium (standard)	Per m²	492
		Color	Per m²	535
		RAL to choose or CH 703	Per m²	572
		Special colours	Per m²	739
	Styles 420 / 422 / 432 / 433 / 470	RAL 9006 White aluminium (standard)	Per m²	550
		Color	Per m²	595
		RAL to choose or CH 703	Per m²	634
		Special colours	Per m²	800
	Styles 402 / 480	RAL 9006 White aluminium (standard)	Per m²	508
		Color	Per m²	553
		RAL to choose or CH 703	Per m²	592
		Special colours	Per m²	759
	Styles 400 / 405	RAL 9006 White aluminium (standard)	Per m²	381
		Color	Per m²	429
		RAL to choose or CH 703	Per m²	468
		Special colours	Per m²	638
	Style 499	RAL 9006 White aluminium (standard)	Per m²	On request
		Color	Per m²	
		RAL to choose or CH 703	Per m²	
		Special colours	Per m²	
Compensation panels for subframe				ET 500 / ST 500
Angle section	Galvanized steel	Galvanized	Per m²	184
		Color	Per m²	230
		RAL to choose or CH 703	Per m²	267
		Special colours	Per m²	399
Angle section	Aluminium	Galvanized	Per m²	286
		Color	Per m²	355
		RAL to choose or CH 703	Per m²	413
		Special colours	Per m²	618
LED lighting				ET 500
For non-protruding up-and-over doors ET 500	Article no. 4600802	For operator SupraMatic HT, series 3 with integrated control, option relay HOR 1 required (see page 76).	Per door	227

Accessories for collective garage doors

Non-protruding up-and-over doors ET 500 and sliding doors ST 500

Surcharges



Box sections				ET 500 / ST 500
Attention: Fixing material is not included!				
Box section 60 × 60	With welded plate, cut to length	Galvanized	Per m	58
		Color	Per m	69
		RAL to choose or CH 703	Per m	80
		Special colours	Per m	126
Box section 80 × 60	With welded plate, cut to length	Galvanized	Per m	64
		Color	Per m	73
		RAL to choose or CH 703	Per m	86
		Special colours	Per m	133
Box section 100 × 60	With welded plate, cut to length	Galvanized	Per m	64
		Color	Per m	73
		RAL to choose or CH 703	Per m	86
		Special colours	Per m	133
Tube 120 × 60	With welded plate, cut to length	Galvanized	Per m	64
		Color	Per m	73
		RAL to choose or CH 703	Per m	86
		Special colours	Per m	133
Box section 160 × 60	With welded plate, cut to length	Galvanized	Per m	64
		Color	Per m	73
		RAL to choose or CH 703	Per m	86
		Special colours	Per m	133
Box section 200 × 60	With welded plate, cut to length	Galvanized	Per m	88
		Color	Per m	98
		RAL to choose or CH 703	Per m	108
		Special colours	Per m	160
Box section 260 × 60	With welded plate, cut to length	Galvanized	Per m	124
		Color	Per m	137
		RAL to choose or CH 703	Per m	154
		Special colours	Per m	169
Door leaf sealing set				ST 500
For bottom and sides	Door width up to 3000 mm	Each	131	
	Door width from 3005 mm to 6000 mm	Each	220	
Additional profile to fix the operator boom				ET 500
Additional profile to fix the operator boom with additional fascia panels			Each	81
Through-traffic photocell and warning light				ET 500
Through-traffic photocell	Second photocell pre-assembled at the factory	Each	162	
Warning light, interior / exterior	Pre-assembled at the factory	Each	99	
Alternative side door leaf seal				ET 500
Bubble brush		Per door	140	

Notes and sketches

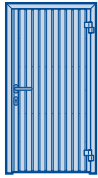
Side doors

For collective garage non-protruding up-and-over doors ET 500 and sliding doors ST 500

Styles 402, 403, 412, 413 and 414



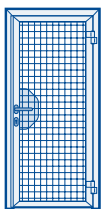
For a product description, see from page 12



Style 402

Surface-mounted
vertical ribbed sheet
infill

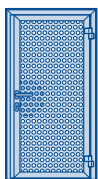
RAM height	3000	1756	1858	1974	2085		
	2875	1704	1807	1916	2022		
	2750	1650	1751	1854	1958		
	2625	1595	1698	1794	1893		
	2500	1529	1629	1733	1829	1934	2066
	2375	1482	1577	1672	1774	1872	1993
	2250	1427	1531	1622	1710	1807	1929
	2125	1385	1473	1568	1658	1745	1859
	2000	1305	1391	1482	1564	1655	1766
	1875	1258	1337	1425	1509	1590	1699
	740	875	1000	1125	1250	1375	1500
		RAM width					



Style 403

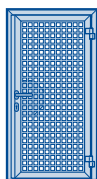
Infill: welded grille infill on the inside
With dimensions 100 × 100 × 5 mm

RAM height	3000	1333	1367	1388	1427		
	2875	1293	1327	1350	1387		
	2750	1254	1286	1311	1348		
	2625	1214	1247	1273	1307		
	2500	1177	1206	1234	1266	1290	1345
	2375	1152	1182	1212	1240	1267	1322
	2250	1128	1160	1191	1218	1246	1296
	2125	1074	1104	1139	1164	1192	1247
	2000	1058	1082	1113	1144	1169	1225
	1875	1058	1082	1113	1144	1169	1225
	740	875	1000	1125	1250	1375	1500
	RAM width						



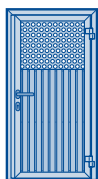
Style 412

Perforated steel sheet
Round perforation



Style 413

Perforated steel sheet
Square perforation



Style 414

Perforated steel sheet

RAM height	3000	1887	2030	2156	2278		
	2875	1840	1971	2100	2222		
	2750	1786	1911	2039	2163		
	2625	1727	1854	1979	2101		
	2500	1647	1767	1886	2002	2123	2270
	2375	1595	1705	1823	1937	2048	2193
	2250	1536	1648	1763	1867	1974	2112
	2125	1483	1589	1698	1802	1902	2040
	2000	1398	1503	1607	1699	1803	1932
	1875	1349	1441	1540	1635	1736	1856
	740	875	1000	1125	1250	1375	1500
		RAM width					

Notice on style 414:

Please indicate top/bottom, round/square perforation on the order.

Color	€ per m ²	49
RAL to choose and CH 703	€ per m ²	88
Special colours	€ per m ²	169
Accessories for side doors	See page 72	

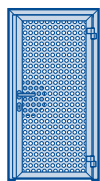
Side doors

For collective garage non-protruding up-and-over doors ET 500 and sliding doors ST 500

Styles 432, 433, 420, 422 and 440

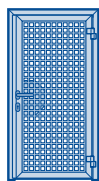


For a product description, see from page 12



Style 432

Perforated aluminium sheet
Round perforation



Style 433

Perforated aluminium sheet
Square perforation

RAM height	3000	2017	2125	2290	2425		
	2875	1961	2066	2234	2364		
	2750	1902	2005	2179	2296		
	2625	1846	1964	2109	2222		
	2500	1790	1902	2042	2155	2284	2411
	2375	1743	1854	1971	2094	2200	2342
	2250	1696	1795	1907	2024	2131	2262
	2125	1635	1749	1848	1961	2047	2183
	2000	1551	1645	1755	1856	1967	2084
	1875	1503	1600	1696	1791	1883	2014
		740	875	1000	1125	1250	1375
		RAM width					



Style 420

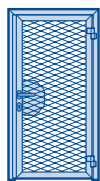
Smooth aluminium sheet inside the frame



Style 422

Smooth aluminium sheet overlapping the frame

RAM height	3000	2065	2183	2301	2437		
	2875	2003	2126	2243	2379		
	2750	1935	2068	2183	2308		
	2625	1878	1997	2119	2239		
	2500	1831	1951	2070	2185	2305	2454
	2375	1779	1888	2008	2123	2232	2375
	2250	1721	1835	1944	2051	2162	2294
	2125	1669	1772	1882	1989	2088	2221
	2000	1582	1687	1786	1883	1990	2114
	1875	1533	1624	1724	1821	1922	2041
		740	875	1000	1125	1250	1375
		RAM width					



Style 440

Steel expanded mesh

RAM height	3000	2030	2157	2273	2425		
	2875	1962	2086	2214	2353		
	2750	1895	2029	2153	2282		
	2625	1837	1964	2085	2209		
	2500	1750	1870	1990	2106	2225	2373
	2375	1699	1808	1928	2042	2153	2296
	2250	1641	1751	1866	1971	2079	2217
	2125	1577	1695	1800	1905	2005	2141
	2000	1503	1589	1709	1802	1907	2033
	1875	1450	1545	1645	1739	1837	1958
		740	875	1000	1125	1250	1375
		RAM width					

Color	€ per m ²	49
RAL to choose and CH 703	€ per m ²	88
Special colours	€ per m ²	169
Accessories for side doors	See page 72	

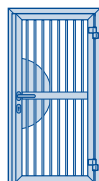
Side doors

For collective garage non-protruding up-and-over doors ET 500 and sliding doors ST 500

Styles 470, 400 and 405



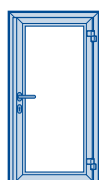
For a product description, see from page 12



Style 470

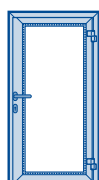
Aluminium bars
20 x 20 x 2 mm

RAM height	3000	2478	2665	2828	2989		
	2875	2413	2587	2757	2917		
	2750	2344	2506	2674	2840		
	2625	2268	2435	2596	2759		
	2500	2162	2317	2477	2628	2785	2979
	2375	2095	2239	2393	2543	2688	2878
	2250	2018	2164	2313	2452	2592	2771
	2125	1947	2085	2229	2365	2497	2676
	2000	1836	1971	2107	2231	2366	2535
	1875	1768	1893	2022	2146	2277	2436
	740	875	1000	1125	1250	1375	1500
RAM width							



Style 400

On-site infill inside the frame



Style 405

On-site infill overlapping the frame

RAM height	3000	1160	1199	1225	1261		
	2875	1132	1166	1198	1231		
	2750	1103	1140	1165	1205		
	2625	1075	1110	1137	1172		
	2500	999	1024	1053	1088	1110	1165
	2375	971	1005	1035	1058	1091	1141
	2250	950	979	1012	1040	1064	1118
	2125	896	926	958	983	1013	1065
	2000	878	903	933	966	990	1046
	1875	878	903	933	966	990	1046
	740	875	1000	1125	1250	1375	1500
		RAM width					

Color	€ per m ²	49
RAL to choose and CH 703	€ per m ²	88
Special colours	€ per m ²	169
Accessories for side doors	See page 72	

For collective garage non-protruding up-and-over doors ET 500 and sliding doors ST 500



Style 480

For a product description, see from page 12



Style 480

PU sections



Style 480

PU sections with glazing in aluminium frame

RAM height	3000	2682	3066	3450	3834		
	2875	2564	2934	3299	3673		
	2750	2451	2802	3147	3516		
	2625	2337	2667	2999	3334		
	2500	2220	2537	2851	3169	3484	3797
	2375	2106	2401	2704	3001	3303	3600
	2250	1989	2270	2550	2833	3120	3398
	2125	1872	2134	2401	2671	2935	3202
	2000	1756	2005	2252	2504	2754	3001
	1875	1756	2005	2252	2504	2754	3001
	740	875	1000	1125	1250	1375	1500
	RAM width						

Alternative infills for side doors style 480

Anodised aluminium frame type N

Made of aluminium extrusion tubular profiles 500 mm or 625 mm high depending on door height, with **DURATEC synthetic double pane**, clear, 26 mm, 52 mm wide rails

Per m²

€

397

Aluminium frame with stainless steel expanded mesh

Ventilation cross-section 58 % of the infill surface

Per m²

397

Aluminium frame with perforated stainless steel sheet

8 mm perforation, ventilation cross-section 40 % of the infill surface

Per m²

453

Surface coating for aluminium frame

Polyester primer-coating on one or two sides

On request

Ventilation grilles

Black plastic ventilation grille, ventilation cross-section 40 cm² per grille

Each

€

38

Color	€ per m²	49
RAL to choose and CH 703	€ per m²	88
Special colours	€ per m²	169
Accessories for side doors	See page 72	

Accessories

For side doors for collective garages

Surcharges



Surface coating			€
Door leaf primer powder-coating	Color	Per m²	49
	RAL to choose or CH 703	Per m²	88
	Special colours	Per m²	169
Subframe	As standard in door leaf colour		No surcharge
Fittings			€
Lever handle sets Offset / offset	Aluminium natural finish (F1), prepared for profile cylinder	Each	142
	Brushed stainless steel, prepared for profile cylinder	Each	191
	Polished stainless steel, prepared for profile cylinder	Each	214
Lever / knob handle sets offset / offset	Black plastic, prepared for profile cylinder	Each	81
	Aluminium natural finish (F1), prepared for profile cylinder	Each	164
	Brushed stainless steel, prepared for profile cylinder	Each	217
	Polished stainless steel, prepared for profile cylinder	Each	245
Overhead door closers	With slide rail	Each	324
	With hold-open device	Each	470
Lock with anti-panic function E	Only with lever / knob handle set / anti-panic push bar	Each	215
Anti-panic push bar	Aluminium, also suitable for DIN EN 1125, only for closed infills (lock with anti-panic function required)	Each	468
Electric strikes		Each	110
Meeting style	All-round on 3 sides, for side doors opening inwards (Standard for styles 420, 422 and 480)	Each	130
Notice: Not for side doors opening outwards!			

Notes and sketches

Operator SupraMatic HT – series 3

For collective garage non-protruding up-and-over doors ET 500 and sliding doors ST 500

With integrated control



Product description



Operator

- Use in dry areas
- For frequently operated doors
- Suitable for commercial use

Number of parking spaces

- Max. 20 door cycles (Open / Close) per hour
- Max. 300 door cycles (Open / Close) per day
- Max. 100 parking spaces

Operator data

- 24 V DC gear drive
- Mains voltage 230–240 V AC, 0.2 kW
- Pull and push force 1000 N
- Peak force 1200 N
- Protection category IP 20

Opening speed

- Non-protruding up-and-over door ET 500 max. 22 cm/s
- Sliding door ST 500 max. 20 cm/s

The opening speed depends on the door size and door weight.

Control electronics

- Micro-processor control
- Automatic teach-in of automatic safety cut-out and end-of-travel positions
- Adjustable soft start and soft stop
- Double 7-segment display
- Adjustable partial opening, adjustable automatic timer
- Hold-open phase after activation 30 – 180 s.
- Impulse control

Boom FS 60

- Self-supporting steel boom with polyurethane toothed belt and wire strands
- Plastic slide carriage
- Return pulleys with ball-bearing
- Operator disc with slide bearing
- 1-piece, completely pre-assembled

Standard equipment

- Quick release operated from inside
- Connecting lead with CEE plug
- Second suspension for boom FS 60
- Anti-lift kit as safety equipment
- One-way photocell (pre-assembled at the factory)
- Only for ET 500: universal installation bracket for up-and-over doors!

Housing

- Aluminium and plastic

Temperature range

- From –20°C to +60°C

Without radio remote control!
Accessories see from page 82.

Operator head SupraMatic HT – series 3 With integrated control	Suitable for:	Article no.	Surcharge on door with SupraMatic HT operator
Including boom FS 60	• Non-protruding up-and-over door for collective garages ET 500 • Collective garage sliding door ST 500	–	Included in the door price

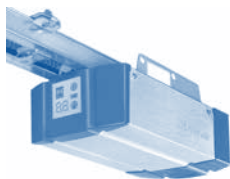
Operator SupraMatic HT – series 3

For collective garage non-protruding up-and-over doors ET 500 and sliding doors ST 500

With external control 360 in industrial control housing



Product description



Operator

- Use in dry areas
- For frequently operated doors
- Suitable for commercial use

Number of parking spaces

- Max. 20 door cycles (Open / Close) per hour
- Max. 300 door cycles (Open / Close) per day
- Max. 100 parking spaces

Operator data

- 24 V DC gear drive
- Mains voltage 230–240 V AC, 0.2 kW
- Pull and push force 1000 N
- Peak force 1200 N
- Protection category IP 20

Opening speed

- Non-protruding up-and-over door ET 500 max. 22 cm/s
- Sliding door ST 500 max. 20 cm/s

The opening speed depends on the door size and door weight.

Control

- Integrated microprocessor control in separate housing, with integrated Open-½ / Open-Stop-Close membrane push button and miniature lock
- Adjustable power limit
- Protection category IP 65 (jet-water protected)
- Connection cable with CEE plug
- IP 44 (splash-water protected)

Boom FS 60

- Self-supporting steel boom with polyurethane toothed belt and wire strands
- Plastic slide carriage
- Return pulleys with ball-bearing
- Operator disc with slide bearing
- 1-piece, completely pre-assembled

Function

- Open and close with impulse
- Any second opening height ½ / Open
- Automatic timer (only in conjunction with activating kit for warning lights and photocell)
- Prepared for traffic control (only in conjunction with activating kit for warning lights and photocell)
- Soft start and soft stop

Standard equipment

- Quick release operated from inside
- Connecting lead with CEE plug
- Second suspension for boom FS 60
- Anti-lift kit as safety equipment
- One-way photocell (pre-assembled at the factory)
- Only for ET 500: universal installation bracket for up-and-over doors!

Housing

- Aluminium and plastic

Temperature range

- From –20°C to +60°C

Without radio remote control!
Accessories see from page 82.

Operator head SupraMatic HT – series 3 With external control 360	Suitable for:	Article no.	Surcharge on door with SupraMatic HT operator
Including boom FS 60	• Non-protruding up-and-over door for collective garages ET 500 • Collective garage sliding door ST 500	636808	288 €

Accessories

Especially for the operator SupraMatic HT



		SupraMatic HT with control	
		Integrated	External 360
Accessories		Article no.	
HNA 18-3	Emergency battery Emergency power supply for bridging power supply outages up to a maximum of 18 hours and max. 5 door cycles (depending on temperatures, charge status, etc.), protection category: for dry rooms only, weight: approx. 2.3 kg, operating voltage: 24 V DC / 2.3 Ah, dimensions (WxHxD): 150 x 70 x 90 mm	437726	189
UPS system	Emergency power supply to bridge power outages Up to 4 hours and max. 1 door cycle (depending on environmental conditions such as temperature, etc.), protection category IP 20	639786	–
EL 301	One-way photocell For interior and exterior use as additional safety equipment, protection category IP 65, connecting lead 2 x 10 m, 2-wire Dimensions (W x H x D): 50 x 90 x 30 mm	436233	115
EL 401	One-way photocell For on-site recessed fitting, connecting lead 2 x 15 m, 2-wire	437922	71
PSA	adapter print Adapter from system plug to screw terminal, protection category IP 44; required for connection of Stop button of DT 02.	437131	29
HOR 1	Option relay To control a warning light, garage light	437997	31
UAP 1	Universal adapter print For choosing direction, partial opening function and/or actuation of the operator light, additional volt-free contacts for limit switch reporting Open/Close as well as an option relay	436295	78
AT 2	Activating kit for door leaf For closing edge safety device and wicket door contact Only in conjunction with a non-protruding up-and-over door ET 500!	436263	103
S 4	Activating kit for closing edge safety device For sectional doors BR 40 / 50 (activating kit for door leaf, article no. 436263, required!) Only in conjunction with a non-protruding up-and-over door ET 500!	436256	204
NET 4	Emergency release lock, 13 mm Universal for all single and double-skinned Hörmann door types, release via round cylinder, cable length 3.2 m, hole Ø 13 mm	437191	37
NET 13	Emergency release sleeve For door leaf thickness > 42 mm, length 100 mm, drill hole Ø 13 mm The emergency release lock NET 4 (article no. 437191) must be ordered separately.	439782	12,80
	Straight link bracket	258 mm long	438384
		493 mm long	438742
	Additional boom suspension	438740	32
Control Elements		Article no.	
	All-pole switch-off main switch in control housing, omission of mains lead with CEE plug	Surcharge	637105
	Control can be switched off with profile half cylinder	Surcharge	637100
	Mains lead 1.2 m with 230 V CEE plug, for controls with main switch		635486
Activating kits for warning lights		Article no.	
	Activating kit for warning light ZS 360 / 400 with 2 yellow LED traffic lights, multi-function circuit board, without extension housing	637530	–
	Activating kit for warning light ZS 360 with 2 yellow LED traffic lights, multi-function circuit board and weekly timer ZSU 2, without extension housing	637780	–
	Activating kit for warning light MP 360 with 2 LED traffic lights, without extension housing	2-arm red / green (230 V / 50 Hz)	637731
		1-arm red / green (24 V DC)	638955
	Activating kit for warning lights MP 360 with 2 LED traffic lights and weekly timer ZSU 2, without extension housing	2-arm red / green (230 V / 50 Hz)	637779
		1-arm red / green (24 V DC)	638956

Accessories

Especially for the operator SupraMatic HT



		SupraMatic HT with control	
		Integrated	External 360
Additional accessories			
	Article no.		
Adjustable suspension for side guide (257 – 1516 mm)	636945	73	73
Power supply unit 24 V, 1 A	4548491	–	60
Power supply unit connection accessories (hat rail, cable set)	636356	–	21
Multi-function circuit board with 2 relays (programmable)	637026	–	107
Circuit board for limit switch reporting with 2 relays (only in combination with multi-function circuit board, traffic control or central control)	637028	–	58
Circuit board for central control / smoke detector device	637243	–	112
Circuit board for traffic control	637053	–	154
Radio / operator accessories for operators SupraMatic HT		See from page 82	

Chain drive operator ITO 500 FU

For collective garage non-protruding up-and-over doors ET 500

Control 560

Door travel speed up to 0.5 m/s

Important: surcharges on ET 500 collective garage doors with SupraMatic HT operators!



Product description

Operator:

- Ready-to-fit chain drive operator with frequency converter
- With emergency release from inside
- Power input: 1-phase current 0.72 kW
- Protection category IP 65 (jet-water protected)
- Door travel speed up to 0.5 m/s
- Low standby approx. 1 W

Control:

- Microprocessor control in separate housing with electronic absolute encoder, Open-Stop-Close membrane push button integrated in housing, miniature lock, protection category IP 65 (jet-water protected)
- Connection cable with CEE plug in protection category IP 44 (splash-water protected)
- Self-monitoring closing edge safety device (SKS) with optosensors
- Control fitting immediately next to the door with plug-in door leaf sensors
- Dimensions (W x H in mm): 195 x 310
- Activating kit for door leaf
- Wicket door contact STK 2 (optional)
- Option relay as standard
- Bluetooth for BlueControl as standard
- Energy saving mode (standby approx. 1 W)

Function:

- Soft opening with impulse
- Soft closing with impulse
- Any second opening height (½ Open)
- High-speed when opening
- Automatic timer (only in conjunction with activating kit for warning lights and photocell)
- Prepared for traffic control (only in conjunction with activating kit for warning lights and photocell)

Safety equipment:

- Secondary closing edge extension set
- Closing edge safety device
- ET 500 lintel trap guard, 1-channel
- One-way photocell (pre-assembled at the factory)

Attention:

Only possible with subframe.
See page 64 of this price list for subframe prices.

Notice:

Please note the technical manual! Retrofitting of operators and controls on existing door systems on request.

Chain drive operator ITO 500 FU with emergency release from inside

Control / operating voltage	Boom length (permanently defined)	Distance back	Article no.	Surcharge on door with SupraMatic HT operator
Control 560 230 V 1-phase current With closing edge safety device, max. 25 cycles / hour	Up to 3000 mm door height	4850 mm	4514354	1454 €

Optional extras for chain drive operator ITO 500 FU with control 560

	Article no.	€
Extension housing for industrial door controls (semi-housing)	637014	68
All-pole switch-off main switch in control housing, omission of mains lead	Surcharge 637105	70
Mains lead 1 m with CEE plug (230 V) for separate main switch	4514249	50
Lockable control with profile half cylinder	Surcharge 637100	70
Multi-function circuit board with 2 relays (programmable)	637026	107
Circuit board for limit switch reporting with 2 relays (only in combination with multi-function circuit board, traffic control or central control); Extension housing required	637028	58
CAT adapter box Required to shorten the network cable (connection cable between operator and control), wiring tool required (item no. 4514028)	4514011	27
Wiring tool for CAT adapter box (can be reused several times)	4514028	118
Battery unit for control 545 / 560, incl. batteries For buffering the time and date of the control if it is not supplied with mains voltage for more than 60 hours.	4514027	21
Widescan (intelligent command unit and to secure the door)	4981575	1121
Widescan holder (galvanized steel)	Each 4982364	95
HCP-Hub 4 (required when more than 1 HCP bus participant is needed)	4510206	83
Operator with increased on-time ED+	Surcharge 637030	215
Circuit board for central control	637243	112
Adapter print for safety equipment with fitting accessories for integrating photocells from other makes	637104	125
Surcharges for emergency operation		Article no. €
Secured release for interior operation	Surcharge 637025	131
Lockable release ASE on exterior, for outside operation, incl. Bowden cable (only in combination with secured release, article no. 637025)	Surcharge 637733	165

Photocells	Article no.	€
Reflection photocell* RL 50, for use in dry interiors	637086	195
One-way photocell EL 51, for use in interiors and exteriors	637023	167
One-way photocell EL 61, protection category IP 67 (powerful jet-water protected), for use in extremely wet areas	637222	568
Reflection photocell* RL 52 as a command unit, for use in dry interiors	637084	202
One-way photocell EL 301, application area: for interior and exterior use as additional safety equipment, protection category IP 65, connecting lead 2 x 10 m, 2-wire, dimensions (H x W x D): 50 x 90 x 30 mm	436233	115
One-way photocell EL 401, for on-site recessed fitting, connecting lead 2 x 15 m, 2-wire	437922	71

*** Notice:**

Reflective objects, e.g. Reflective strips on clothing or vehicles, might not be recognised by the reflection photocell.

Activating kit for warning lights (photocell / light grille required)		Article no.	€
Activating kit for warning lights ZS with 2 yellow LED traffic lights, multi-function circuit board, without extension housing		637530	328
Activating kit for warning lights ZS with 2 yellow LED traffic lights, multi-function circuit board and weekly timer ZSU 2, with extension housing		637531	536
Activating kit for warning lights MP traffic control with 2 LED traffic lights, with extension housing	2-arm red / green (230 V / 50 Hz)	637532	621
	1-arm red / green (24 V DC)	638957	621
Activating kit for warning light MP traffic control with 2 LED traffic lights and weekly timer ZSU 2, with extension housing	2-arm red / green (230 V / 50 Hz)	637533	803
	1-arm red / green (24 V DC)	638958	803

Accessories for operators and controls	See from page 82
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Chain drive operator ITO 500 FU

For collective garage sliding door ST 500

Control 560

Door leaf speed up to
0.5 m/s

Important: Surcharges on
ST 500 collective garage doors
with SupraMatic HT operators!



Product description

Operator:

- Ready-to-fit chain drive operator with frequency converter
- With emergency release from inside
- Power input: 1-phase current: 0.72 kW
- Protection category IP 65 (jet-water protected)
- Door travel speed up to 0.5 m/s
- Low standby approx. 1 W

Control:

- Microprocessor control in separate housing with electronic absolute encoder, Open-Stop-Close membrane push button integrated in housing, miniature lock, protection category IP 65 (jet-water protected)
- Connection cable with CEE plug in protection category IP 44 (splash-water protected)
- Self-monitoring closing edge safety device (SKS) for the main closing edges
 - with main switch
- Control immediately next to the door
- Dimensions (W × H in mm): 195 × 310
- Activating kit
- Wicket door contact (optional)
- Option relay as standard
- Bluetooth for BlueControl as standard
- Energy saving mode (standby approx. 1 W)

Function:

- Soft opening with impulse
- Soft closing with impulse
- Any second opening height (½ Open)
- Automatic timer (only in conjunction with activating kit for warning lights and photocell or light grille)
- Prepared for traffic control (only in conjunction with activating kit for warning lights and photocell)

Safety equipment:

- Secondary closing edge extension set
- Closing edge safety device
- One-way photocell (pre-assembled at the factory)

Notice:

Wicket door contact / wicket door on request!

Attention:

Only possible with subframe.

See page 64 of this price list for subframe prices.

Notice:

Please note the technical manual! Retrofitting of operators and controls on existing door systems on request.

Chain drive operator ITO 500 FU with emergency release from inside

Control / operating voltage	Boom length (permanently defined)	Distance back	Article no.	Surcharge on door with SupraMatic HT operator
Control 560 230 V 1-phase current With closing edge safety device, max. 25 cycles / hour	Up to door widths of 6000 mm	Depending on the door width	4514355	1755 €

Optional extras for chain drive operator ITO 500 FU with control 560

	Article no.	€
Motor with 100 % on-time	Surcharge 637030	215
Extension housing for industrial door controls (semi-housing)	637014	68
Adjustable suspension for side guide (257 – 1516 mm)	636945	73
Lockable control with profile half cylinder	Surcharge 637100	70
Multi-function circuit board with 2 relays (programmable)	637026	107
Circuit board for limit switch reporting with 2 relays (only in combination with multi-function circuit board, traffic control or central control)	637028	58
CAT adapter box Required to shorten the network cable (connection cable between operator and control), wiring tool required (item no. 4514028)	4514011	27
Wiring tool for CAT adapter box (can be reused several times)	4514028	118
Battery unit for control 545 / 560, incl. batteries For buffering the time and date of the control if it is not supplied with mains voltage for more than 60 hours.	4514027	21
Widescan (intelligent command unit and to secure the door)	4981575	1121
Widescan holder (galvanized steel)	Each 4982364	95
HCP-Hub 4 (required when more than 1 HCP bus participant is needed)	4510206	83
Operator with increased on-time ED+	Surcharge 637030	215
Circuit board for central control	637243	112
Adapter print for safety equipment with fitting accessories for integrating photocells from other makes	637104	125
Surcharges for emergency operation		€
Secured release for interior operation	Surcharge 637025	131
Lockable release ASE on exterior, for outside operation, incl. Bowden cable (only in combination with secured release, article no. 637025)	Surcharge 637733	165

Photocells	Article no.	€
Reflection photocell* RL 50, for use in dry interiors	637086	195
One-way photocell EL 51, for use in interiors and exteriors	637023	167
One-way photocell EL 61, protection category IP 67 (powerful jet-water protected), for use in extremely wet areas	637222	568
Reflection photocell* RL 52 as a command unit, for use in dry interiors	637084	202
One-way photocell EL 301, application area: for interior and exterior use as additional safety equipment, protection category IP 65, connecting lead 2 x 10 m, 2-wire, dimensions (H x W x D): 50 x 90 x 30 mm	436233	115
One-way photocell EL 401, for on-site recessed fitting, connecting lead 2 x 15 m, 2-wire	437922	71

*** Notice:**

Reflective objects, e.g. Reflective strips on clothing or vehicles, might not be recognised by the reflection photocell.

Activating kit for warning lights (photocell / light grille required)		Article no.	€
Activating kit for warning lights ZS with 2 yellow LED traffic lights, multi-function circuit board, without extension housing		637530	328
Activating kit for warning lights ZS with 2 yellow LED traffic lights, multi-function circuit board and weekly timer ZSU 2, with extension housing		637531	536
Activating kit for warning lights MP traffic control with 2 LED traffic lights, with extension housing	2-arm red / green (230 V / 50 Hz)	637532	621
	1-arm red / green (24 V DC)	638957	621
Activating kit for warning light MP traffic control with 2 LED traffic lights and weekly timer ZSU 2, with extension housing	2-arm red / green (230 V / 50 Hz)	637533	803
	1-arm red / green (24 V DC)	638958	803

Accessories for operators and controls	See from page 82
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Accessories and combination options

For operators SupraMatic HT as well as ITO 500 FU and controls



Designation	Article no.	€	Operator SupraMatic HT with control		Operator ITO 500 FU with control 560	
			Integrated	External 360		
			ET 500 / ST 500		ET 500 / ST 500	
Receiver 868 MHz						
HE 3-MCX BS 	2-channel receiver With external antenna, frequency 868 MHz, operating voltage 24 V DC, in a separate housing with 7 m connecting lead, 4-wire, plug-in type	436722	146	 2 / 4		
HE 3 BS 	2-channel receiver Frequency 868 MHz, operating voltage 24 V DC, in a separate housing with 0.5 m connecting lead, 4-wire, plug-in type	436721	97	 2 / 4		
HEI 3 BS 	2-channel receiver Frequency 868 MHz, IP 65, operating voltage 24 V DC, with 7 m connecting lead, 4-wire.	436720	110	 2 / 4		
ESE BS 	5-channel bi-directional receiver (E.g. choice of direction and status feedback), 5 functions, 868 MHz, operating voltage 24 V DC, in separate housing (only for dry rooms) with 0.5 m connecting lead, 4-wire, plug-in type	436723	110			
ESE-MCX BS 	5-channel bi-directional receiver (E.g. choice of direction and status feedback) with external antenna, 5 functions, 868 MHz, operating voltage 24 V DC, in separate housing (only for dry rooms) with 7 m connecting lead, 4-wire, plug-in type	436738	146			
ESE BS HCP 	5-channel bi-directional receiver BiSecur with bus interface for a steady range, if necessary due to structural conditions, with 0.5 m connecting lead, with system plug, housing: plastic, protection category: only for dry rooms, temperature range: -20°C to +60°C, operating voltage: 24 V DC, function: choice of direction, impulse, partial opening, status feedback, dimensions (W x H x D): 135 x 30 x 32 mm	4511840	116			
ESE-MCX BS HCP 	5-channel bi-directional receiver BiSecur with bus interface for a steady range, if necessary due to structural conditions, with 7 m connecting lead, with system plug, housing: plastic, protection category: only for dry rooms, temperature range: -20°C to +60°C, operating voltage: 24 V DC, function: choice of direction, impulse, partial opening, status feedback, additionally with tamper-proof antenna for outdoor use, dimensions (W x H x D): 135 x 30 x 32 mm	4511842	151			
ESEI BS 	5-channel bi-directional receiver (E.g. choice of direction and status feedback), 5 functions, 868 MHz, operating voltage 24 V DC, in separate housing (IP 65) with 7 m connecting lead, 4-wire, plug-in type	436740	124			
ESEI BS HCP 	5-channel bi-directional receiver BiSecur with bus interface for a steady range, if necessary due to structural conditions, with 7 m connecting lead, with system plug, housing: aluminium with plastic caps, protection category: IP 65, temperature range: -20°C to +60°C, operating voltage: 24 V DC, function: choice of direction, impulse, partial opening, status feedback, dimensions (W x H x D): 140 x 30 x 32 mm	4511841	130			
HER 1 BS 	1-channel relay receiver With status feedback (of the relay) via HS 5 BS or optionally APP (gateway required), with volt-free relay output, frequency 868 MHz, IP 65, operating voltage: 24 V DC / 230 – 240 V AC, without connecting lead	436724	141			
HER 2 BS 	2-channel relay receiver With status feedback (of the relays) via HS 5 BS or optionally app (gateway required), with 2 volt-free relay outputs, frequency 868 MHz, IP 65, operating voltage 24 V DC / 230 – 240 V AC, external tamper-proof antenna with 2 m connecting lead	436725	204			
HER 4 BS 	4-channel relay receiver With status feedback (of the relays) via HS 5 HS or optionally app (gateway required), with 4 volt-free relay outputs, frequency 868 MHz, IP 65, operating voltage: 24 V DC / 230 – 240 V AC, without connecting lead	436726	226			
HEU 2 BS 	Recessed 2-channel receiver Frequency 868 MHz, targeted On / Off function, IP 20, operating voltage 100 – 240 V AC	437378	100			
HET-E2 24 BS 	2-channel receiver with status feedback For choosing direction (Open and Close) and limit switch reporting (can be connected to volt-free inputs on the HET) via HS 5 BS, or optionally APP (gateway required), frequency 868 MHz, protection category: only for dry rooms, operating voltage: 24 V DC	436743	110			

Explanation of the table for operators SupraMatic HT and ITO 500 FU with controls

- Combination options

- 1 Only with retrofitting to impulse control (after technical inspection)
- 2 For choosing direction
- 3 For 2-way traffic system or controlling a second opening height

4 With UAP

5 PSA, UAP, ZS, MP required

6 Only with automatic timer

7 Multi-function circuit board, travel limit circuit board, traffic control circuit board required

8 On-site time relay or staircase lighting timer required

Designation		Article no.	€	Operator SupraMatic HT with control		Operator ITO 500 FU with control
				Integrated	External 360	560
				ET 500 / ST 500		ET 500 / ST 500
Collective garage receiver 868 MHz						
SGE 1	Collective garage receiver Incl. PC software for easy and clear management of 1000 hand transmitter codings (e.g. in underground garages), with 2 volt-free relay outputs, incl. SD card, in separate housing, protection category: IP 65, operating voltage: 24 V DC, protected against incorrect polarity. Functions: impulse adjustable between 0.5 – 90 seconds, On / Off, 3-minute light can be extended and shortened.	637625	313	•	•	•
SGP 1	Hand transmitter programming device For SGE 1, for hand transmitter coding incl. PC software, hand transmitters can be programmed or read out	637640	273	•	•	•
Set	SGE 1 and SGP 1 set Consisting of SGE 1 and SGP 1, as described above	637641	543	•	•	•
SD card	Preformatted For collective garage receiver SGE 1, 128 MB	637643	38	•	•	•
Active antenna	Additional external antenna for collective garage receiver SGE 1, with 7 m connecting lead	439508	64	•	•	•
	Pre-programming for hand transmitters For SGE 1, incl. SD card; hand transmitters can be pre-programmed as desired. (Only available from Hörmann KG Antriebstechnik) Surcharge each	437987	2,60			
	Notice: Prices do not include hand transmitters!					
Hand transmitter 868 MHz (only in conjunction with receiver 868 MHz) incl. battery						
BiSecur hand transmitters are downward compatible with 868 MHz fixed code receivers						
HS 1 BS	1-button hand transmitter Impulse, incl. battery, with chrome-plated zinc die-cast caps	Black (textured surface)	4511720	73	•	•
HS 4 BS	4-button hand transmitter Impulse, incl. battery, with chrome-plated zinc die-cast caps	Black (textured surface)	4511724	73	•	•
HS 5 BS	5-button hand transmitter Impulse, incl. battery, with chrome-plated zinc die-cast caps	Black (high-gloss)	436752	86	•	•
		White (high-gloss)	436753	86	•	•
		Black (textured surface)	436946	86	•	•
HSE 1 BS	1-button micro hand transmitter Impulse, incl. key ring and battery, with chrome-plated zinc die-cast caps	Black (textured surface)	4511728	73	•	•
HSE 4 BS	4-button micro hand transmitter Impulse, incl. key ring and battery, with chrome-plated zinc die-cast caps	Black (textured surface)	4511732	73	•	•
HSE 4 BS	4-button micro hand transmitter Impulse, incl. key ring and battery, with plastic caps	Black (textured surface)	4511736	66	•	•
HSS 4 BS	4-button security hand transmitter Impulse, incl. battery, additional function: copy protection for hand transmitter coding (cannot be taught in)	Red (high-gloss)	436756	117	•	•
	Hand transmitter station For BiSecur hand transmitter HS 1 BS, HS 4 BS and HS 5 BS	Black (high-gloss)	436691	9,50		
	Hand transmitter holder incl. visor clip For BiSecur hand transmitter HS 1 BS, HS 4 BS and HS 5 BS		436698	8,50		
	Hand transmitter holder incl. visor clip For BiSecur hand transmitter HSE 1 BS and HSE 2 BS		437006	8,50		
	Hand transmitter sleeve, black For BiSecur hand transmitter HSE		4510869	7,40		
FSM 2 BS	2-channel radio transmitter module in housing		436786	114	•	•
HSU 2 BS	2-channel transmitter, recessed		439743	92	•	•

Accessories and combination options

For operators SupraMatic HT as well as ITO 500 FU and controls



Designation	Article no.	€	Operator SupraMatic HT with control		Operator ITO 500 FU with control 560		
			Integrated	External 360			
			ET 500 / ST 500		ET 500 / ST 500		
Industrial hand transmitter 868 MHz (only in conjunction with receiver 868 MHz) incl. battery							
BiSecur hand transmitters are downward compatible with 868 MHz fixed code receivers							
HSI 6 BS 	Industrial hand transmitter for controlling up to 6 receivers	4511801	114	•	•	•	
	Hand transmitter holder for HSI 6 BS, incl. fitting accessories for fitting to wall or box frame	437383	8,50				
HSI 15 BS 	Industrial hand transmitter for controlling up to 15 receivers	4511802	164	•	•	•	
	Hand transmitter holder for HSI 15 BS, incl. fitting accessories for fitting to wall or box frame	437384	11,90				
HSI BS 	Industrial hand transmitter Impulse, for controlling up to 1000 receivers, 3 × 7-segment display	436789	204	•	•	•	
	Wall holder for industrial hand transmitter HSI BS Incl. fixing material	637635	15,50				
	Protective bag for industrial hand transmitter HSI BS Incl. retaining clip and Velcro fastening	637636	39				
	Copy cable and software For coding industrial hand transmitter HSI / HSI BS or to save data on a PC, length 1.5 m	637637	26				
	USB adapter to Com port	637634	35				
	Connection cable For an external power supply of 8-35 V DC, for connecting to a forklift or other external power supply, length 3 m	637638	8,50				
	Hand transmitter 433 MHz rolling code						
	RSC 2	2-button hand transmitter RSC 2 433 MHz, impulse, key ring and battery, grey housing RAL 7015	437687	53	•	•	•
		Hand transmitter holder	435857	7,30			
Receiver 433 MHz rolling code							
RERE 1	1-channel receiver for the management of 100 radio codes with volt-free relay output, frequency 433 MHz rolling code, separate antenna for outdoor use in a tamper-proof aluminium housing with 7 m connecting lead, IP 65, operating voltage 24 V DC / 230 – 240 V AC	437398	242	•	•	•	
RERI 1	1-channel receiver for managing 100 radio codes, with volt-free relay output, frequency 433 MHz rolling code, internal antenna, IP 65, operating voltage 24 V DC / 230 – 240 V AC	437397	242	•	•	•	
Key switches							
ESU 30	Key switch (recessed) Impulse / open-close, without connecting lead	436110	49	•	•	• / 2	
ESA 30	Key switch (surface-mounted) Impulse / open-close, without connecting lead	436111	52	• / 2 / 4	•	• / 2	
STUP 50	Key switch (recessed) (Impulse Open / Close, with 2 m connecting lead 2-wire)	4511648	58	• / 2 / 4	•	• / 2	
STAP 50	Key switch (surface-mounted) (Impulse Open / Close, with 2 m connecting lead 2-wire)	4511650	61	• / 2 / 4	•	• / 2	
Profile half cylinders with keys to pass for Hörmann key switches							
	30.5 + 10 mm, lock plate lug 0°, fixed, 2 units	436120	40				
	30.5 + 10 mm, lock plate lug 0°, fixed, 3 units	436121	52				
	Profile half cylinders in quantities larger than 3	On request					

Explanation of the table for operators SupraMatic HT and ITO 500 FU with controls

- Combination options

- Only with retrofitting to impulse control (after technical inspection)
- For choosing direction
- For 2-way traffic system or controlling a second opening height

- With UAP
- PSA, UAP, ZS, MP required
- Only with automatic timer
- Multi-function circuit board, travel limit circuit board, traffic control circuit board required
- On-site time relay or staircase lighting timer required

Designation	Article no.	€	Operator SupraMatic HT with control		Operator ITO 500 FU with control 560
			Integrated	External 360	
			ET 500 / ST 500		ET 500 / ST 500
SmartControl					
SmartControl	SmartControl gateway Web-based solution for remote support of collective garage doors via the SmartControl portal. Secure data transfer and management via Deutsche Telekom mobile network and servers. Simple overview of all door-relevant data as well as prompt and clear information transfer.	4514094	329		•
	Notice: Only possible in conjunction with item no. 639351!				
	Mobile radio annual usage fees for SmartControl per year The mobile connection required for SmartControl is made via the Deutsche Telekom mobile network using the mobile radio standard 2G and 3G. Other mobile radio standards / networks or other mobile radio network operators cannot be used for SmartControl. The use of the required mobile radio connection requires the conclusion of a contract for the provision of the mobile radio connection between the owner / operator and us, which is separate from the purchase of SmartControl gateways. In this respect, we solely provide the services of Deutsche Telekom for use and accept no liability, in particular for disruptions or failures caused by the services of Deutsche Telekom. The minimum contract term is 5 years and the annual usage fee is charged yearly in advance.	639351	69		•
KNX gateway					
KNX gateway	Gateway for controlling Hörmann operators and controls via the KNX building automation With 10 cm connecting lead with system plug, KNX bus line, protection category: only for dry rooms, temperature range: -20°C to +60°C, operating voltage: 24 V DC, housing: plastic, colour: Light grey RAL 7035, dimensions (W x H x D): 44 x 29 x 15 mm, system requirements KNX, management via KNX (ETS 5 from version 5.7.3 or ETS 6)	4511630	131		•
Bluetooth® receiver					
HET/S 24 BLE	Receiver for the control of external consumers via Bluetooth®, to control (impulse) Hörmann operators / operators of other makes, with 2 volt-free relays, with 7 m connecting lead, 4-wire, protection category: IP 44, temperature range: -20°C to +40°C, operating voltage: 12 – 24 V DC, 12 V AC, switching capacity: 30 V DC / 2.5 A (resistive load) Function: On / Off, impulse (0.5 s), dimensions (W x H x D): 110 x 45 x 40 mm System requirements: – iOS devices from version 9.0 – Android devices from version 5.0 – Bluetooth 4.0 * Function and availability depend on the respective end device and the app version (note the description text in the App Store)	4511827	102	•	•
Bluetooth® antenna BTA 800	External antenna for receiver HET / S 24 BLE to increase the range, with 0.8 m connecting lead, protection category: IP 44, dimensions (W x H x D): 80 x 80 x 35 mm	4511829	70		

Accessories and combination options

For operators SupraMatic HT as well as ITO 500 FU and controls



Designation	Article no.	€	Operator SupraMatic HT with control		Operator ITO 500 FU with control 560
			Integrated	External 360	
			ET 500 / ST 500		ET 500 / ST 500
Code switch					
CTR 1b-1	Code switch with 1 relay output, impulse to control one operator, illuminated keypad, 230 V AC or 24 V AC / DC, without connecting lead Power supply: for 230 V AC, use connecting lead ZL 1; for 24 AC / DC and for providing impulse to operator, use connecting lead ASL.	4511631	175	•	•
CTR 3b-1	Code switch with 3 separate relay outputs, impulse to control two operators and / or outdoor lighting, illuminated keypad, 230 V AC or 24 V AC / DC, without connecting lead Power supply: for 230 V AC, use connecting lead ZL 1; for 24 AC / DC and for providing impulse to operator, use connecting lead ASL.	4511632	201	• / 2 / 4	• / 2
CTV 3-1	Code switch with keypad protected against vandalism , with 3 separate relay outputs, impulse to control two operators and / or outdoor lighting, 230 V AC or 24 V AC / DC, without connecting lead Power supply: for 230 V AC, use connecting lead ZL 1; for 24 AC / DC and for providing impulse to operator, use connecting lead ASL.	4511633	240	• / 2 / 4	• / 2
CTP 3-1	Code switch with capacitive, illuminated keypad , with 3 separate relay outputs, impulse to control two operators and / or outdoor lighting, 230 V AC or 24 V AC / DC, without connecting lead Power supply: for 230 V AC, use connecting lead ZL 1; for 24 AC / DC and for providing impulse to operator, use connecting lead ASL.	4511634	240	• / 2 / 4	• / 2
CTR 1d	Code switch with hinged panel to protect the keypad With 1 relay output, impulse to control one operator, 24 V DC, without connecting lead	436355	117	•	•
CTR 3d	Code switch with hinged panel to protect the keypad With 3 separate relay outputs, impulse to control two operators and / or outdoor lighting, 24 V DC, without connecting lead	436390	154	• / 2 / 4	• / 2
Radio code switches (only in conjunction with receiver 868 MHz)					
BiSecur radio code switches are downward compatible with 868 MHz fixed code receivers					
FCT 3-1 BS 	Radio code switch Impulse, for controlling up to 3 door operators, illuminated keypad, activation by pushing a button, protection category IP 54, temperature range -20°C to +50°C, power supply via battery 2 x 1.5 V LR03 / AAA, housing: plastic, colour Light grey RAL 7040	4511856	95	•	•
FCT 10-1 BS 	Radio code switch Impulse, for controlling up to 10 door operators, illuminated keypad, hinged cover, automatic activation on opening the lid or by pushing a button, protection category IP 54, temperature range -20°C to +50°C, power supply via battery 2 x 1.5 V LR03 / AAA, housing: plastic, painted in White aluminium RAL 9006	4511861	143	•	•
Transponder key switches					
TTR 1000-1	Non-contact transponder key switch , impulse, 230 V AC or 24 V AC / DC, without connecting lead, incl. 1 transponder key and 1 transponder card, can be extended with max. 1 input unit (TTRE-1). Power supply: for 230 V AC, use connecting lead ZL 1.	4511643	240	•	•
TTRE-1	Additional reader for extension of the transponder key switch TTR 1000-1	4511644	119	•	•
TS	Transponder key for transponder key switches TTR 1000-1 / TTRE-1	4510023	16,70	•	•
TL 1000	Transponder card for transponder key switches TTR 1000-1 / TTRE-1	437011	16,70	•	•
ZBG 1-1	Spacer bracket (required for fitting the transponder key switches TTR 1000-1 / TTRE-1 on metal)	4511694	46	•	•
Radio internal push buttons (only in conjunction with receiver 868 MHz)					
BiSecur radio internal push buttons are downward compatible with 868 MHz fixed code receivers					
FIT 2-1 BS 	Radio internal push button With 2 impulse buttons to control 2 operators via radio signal, frequency 868 MHz, additional switch to switch the connected control elements on / off; Connecting option for max. 2 control elements (volt-free contact) e.g. key switch. Only in combination with Hörmann receivers. With battery: 2 x 1,5 V LR03 / AAA	4511652	73	•	•

Explanation of the table for operators SupraMatic HT and ITO 500 FU with controls

- Combination options

- 1 Only with retrofitting to impulse control (after technical inspection)
- 2 For choosing direction
- 3 For 2-way traffic system or controlling a second opening height

4 With UAP

5 PSA, UAP, ZS, MP required

6 Only with automatic timer

7 Multi-function circuit board, travel limit circuit board, traffic control circuit board required

8 On-site time relay or staircase lighting timer required

Designation		Article no.	€	Operator SupraMatic HT with control		Operator ITO 500 FU with control
				Integrated	External 360	560
				ET 500 / ST 500		ET 500 / ST 500
Internal push button						
IT 1b-1	Internal push button With 1 illuminated button, impulse, with 7 m connecting lead, 2-wire	4511646	30	•		
IT 3b-1	Internal push button With illuminated impulse button, additional buttons for light On / Off and operator On / Off (vacation mode), with 7 m connecting lead, 2-wire	4511647	37	•		
PB 3	Internal push button With illuminated impulse button, additional buttons for light On / Off and operator On / Off, with 7 m connecting lead, 2-wire	437679	35	•		
Finger-scans (only in conjunction with a receiver 868 MHz)						
BiSecur radio finger-scans are downward compatible with 868 MHz fixed code receivers						
FFL 25 BS	Radio finger-scan BiSecur Impulse, for controlling up to 2 door operators with a fingerprint, up to 25 fingerprints can be taught in, cannot be individually deleted, with hinged cover, automatic activation on opening the lid or by pushing the “ON” button, protection category IP 54, temperature range –20°C to +50°C, power supply via battery 2 × 1.5 V LR03 / AAA, housing: plastic, painted in White aluminium RAL 9006	4511870	189	•	•	•
FL 150	Finger-scan, impulse, to control door operators via fingerprint, 150 fingerprints can be taught in (can be individually deleted), connecting voltage 230 V	4511640	514	•	•	•
Key switch posts (cable extension may be required)						
STI 1	Key switch post (without control) To support max. 2 controls and an extension housing	437083	252			•
STL 2	Key switch post set For Hörmann light grille HLG-V 2600 mm (article no. 638458), without command units	638904	345			•
Key switch posts (cable extension may be required)						
STN 1	Key switch post to hold 1 command unit With screw base for surface fitting, Surface in White aluminium based on RAL 9006, Dimensions: height 1094 mm, tube 90 × 90 mm Command units are not included in the scope of delivery.	638975	235	•	•	•
STN 1-B	Key switch post to hold 1 command unit To set in concrete (set-in-concrete version) Surface in White aluminium based on RAL 9006, Dimensions: height 1100 mm, tube 90 × 90 mm Command units are not included in the scope of delivery.	638976	235	•	•	•
STN 1-1	Key switch post to hold 2 command units or 1 command unit and 1 warning light With screw base for surface fitting, Surface in White aluminium based on RAL 9006, Dimensions: height 1200 mm, tube 90 × 90 mm Command units / warning lights are not included in the scope of delivery.	638977	292	•	•	•
STN 1-1 B	Key switch post to hold 2 command units or 1 command unit and 1 warning light To set in concrete (set-in-concrete version) Surface in White aluminium based on RAL 9006, Dimensions: height 1200 mm, tube 90 × 90 mm Command units / warning lights are not included in the scope of delivery.	638978	292	•	•	•
Optional extras STN	Surface coating for STN key switch posts Surcharges per unit	Color	34			
		RAL to choose	45			
		Special colours	81			
Cable extensions						
	Special length of system cable between frame box and control	Surcharge per m	637070	4,30		
	Special length motor control (B 460 FU)	Surcharge per m	637085	14,70		

Accessories and combination options

For operators SupraMatic HT as well as ITO 500 FU and controls



Designation		Article no.	€	Operator SupraMatic HT with control		Operator ITO 500 FU with control 560
				Integrated	External 360	
				ET 500 / ST 500		ET 500 / ST 500
LED light posts						
SLS-...	• 230 V connection • Protection class IP 44 • Standard screen Notice: Please note that the supplied fixing material is exclusively suited for fitting to concrete.					
SLS-k-ww 1	SLS-k-ww 1 SLS short; Warm white light source, 1 light module, 550 mm	436545	135	• 5 / 8	• 8	• 7 / 8
SLS-k-nw 1	SLS-k-nw 1 SLS short; Neutral white light source, 1 light module, 550 mm	436544	135	• 5 / 8	• 8	• 7 / 8
SLS-l-ww 1	SLS-l-ww 1 SLS long; Warm white light source, 1 light module, 1080 mm	436543	153	• 5 / 8	• 8	• 7 / 8
SLS-l-nw 1	SLS-l-nw 1 SLS long; Neutral white light source, 1 light module, 1080 mm	436542	153	• 5 / 8	• 8	• 7 / 8
SLS-l-ww 2	SLS-l-ww 2 SLS long; Warm white light source, 2 light modules, 1080 mm	436541	208	• 5 / 8	• 8	• 7 / 8
SLS-l-nw 2	SLS-l-nw 2 SLS long; Neutral white light source, 2 light modules, 1080 mm	436540	208	• 5 / 8	• 8	• 7 / 8
Accessories	Design screen	436546	39	•	•	•
Connecting leads, 3-wire, 230 V						
ZL 1	1.5 m length, 3 × 0.75 mm² with safety plug Suitable for power supply to the following devices: TTR 1000-1, CTR 1b-1, CTR 3b-1, CTV3-1 and CTP 3-1.	436127	9,50	•	•	•
Connecting leads, 6-lead, only 24 V						
ASL 2	2 m long, stripped on one end	436125	8,50	•	•	•
ASL 10	10 m long, stripped on one end	436126	17,80	•	•	•
ASL 50	50 m roll	436065	54	•	•	•
Mains adapter						
	Mains adapter with Euro plug 24 V DC, 330 mA	436109	51			
Push button						
DTH-R	Push button Open / Stop / Close	637713	54	• / 2 / 4	•	•
DTH-RM	Push button Open / Stop / Close, miniature lock	637714	76	• / 2 / 4	•	•
DTH-I	Push button Impulse / Stop / ½ Open	637715	60	• / 2 / 4	•	•
DTH-IM	Push button Impulse / Stop / ½ Open, miniature lock	637716	80	• / 2 / 4	•	•
DT 02	Push button Impulse / Stop	639891	60	• 5	•	•
DT 04	Push button Open / Stop / Close / ½ Open	639886	103	• / 2 / 4	•	•
DTN A 30	Push button Open / Stop / Close, lockable with emergency-off switch	639887	107	• / 2 / 4	•	•
DTP 02	Push button Impulse / Stop, lockable (profile half cylinder (article no. 436122) required)	637044	202	• / 2 / 4	•	•
DTP 03	Push button Open / Stop / Close, lockable (profile half cylinder (article no. 436122) required)	637045	273	• / 2 / 4	•	•
DTN 10	Emergency-off switch Operation via mushroom button	639888	80	• 5	•	•
DTG 01	Foot and mushroom button Impulse, protection category IP 67, press and hold	639890	142	•	•	•
Pull switch / cantilever arm						
ZT 2	Pull switch Impulse, with pull cord length of approx. 3200 mm, protection category IP 65	637510	91	•	•	•
	Cantilever arm Extension adjustable from approx. 1600 mm to 3000 mm, without pull switch	637003	235	•	•	•

Explanation of the table for operators SupraMatic HT and ITO 500 FU with controls

- Combination options

- Only with retrofitting to impulse control (after technical inspection)
- For choosing direction
- For 2-way traffic system or controlling a second opening height

4 With UAP

5 PSA, UAP, ZS, MP required

6 Only with automatic timer

7 Multi-function circuit board, travel limit circuit board, traffic control circuit board required

8 On-site time relay or staircase lighting timer required

Designation	Article no.	€	Operator SupraMatic HT with control		Operator ITO 500 FU with control 560	
			Integrated	External 360	ET 500/ST 500	
Warning lights / warning light tube						
Double LED	LED double warning light For key switch post STN 1-1 / STN 1-1 B Notice: In conjunction with SupraMatic HT with UAP 1 or EF 1, double LED red / green, 230 V AC (see Door operators section in the currently valid dealer price list).	638979	138	•/5	•/5	•/7
Triple LED	Triple LED traffic light For key switch post STN 1-1 / STN 1-1 B, red / yellow / green triple LED, 24 V DC	639307	138	•/5	•/5	•/7
SLK	Yellow LED traffic light Operating voltage 24 V DC, protected against incorrect polarity, protection category IP 65, for floor and wall fitting. Multi-function or travel limit circuit board required!	436515	32	•/5	•	•/7
	Yellow LED traffic light As described above, but with a piezo element for acoustic signal during control. Multi-function or travel limit circuit board required!	436518	37	•/5	•	•/7
	Yellow LED traffic light Operating voltage: 230 V AC, protection category IP 65, for floor and wall fitting. Multi-function or travel limit circuit board required!	436516	32	•/5	•	•/7
TL40S rd	Red LED traffic light (230 V / 50 Hz) Multi-function or travel limit circuit board required!	637534	124	•/5	•/5	•/7
TL40S gn	Green LED traffic light (230 V / 50 Hz) Multi-function or travel limit circuit board required!	637535	124	•/5	•/5	•/7
TL40S ye	Yellow LED traffic light (230 V / 50 Hz) Multi-function or travel limit circuit board required!	637536	112	•/5	•	•/7
TL40S rd/gn	Red / green LED traffic light (230 V / 50 Hz) Multi-function or travel limit circuit board required!	637537	208	•/5	•/5	•/7
TL40S rd/ye/gn	LED traffic light, red / yellow / green (24 V DC) 1-arm Multi-function or traffic control circuit board required!	637896	195	•/5	•/5	•/7
LED-WLR	Warning light tube For fixing to the door as an additional warning during door travel, yellow light colour, operating voltage 24 V DC, protected against incorrect polarity, max. 1.8 W, protection category IP 44 Notice: Activating kit AT 3 required in conjunction with UAP 1.	637624	87	•/5	•	•/7
AT 3	Activating kit Door leaf, required to connect an LED warning light tube	638296	86	•	•	•
	Yellow rotating mirror warning light (230 V / 50 Hz) Multi-function or travel limit circuit board required!	637184	359	•/5	•	•/7
	Angle fitting for rotating mirror light	637182	56			
	Yellow flashing warning light (230 V / 50 Hz) Multi-function or travel limit circuit board required!	637183	228	•/5	•	•/7
	Flashing warning light wall fitting	637181	37			
Timers						
ZSU 2	Digital weekly timer In semi-housing, incl. data key	637061	298	•/5/6	•/6	•
ZSJ 2	Yearly timer 2-channel, in semi-housing, incl. data key	637079	464	•/5/6	•/6	•
	Software and USB adapter for timers ZSU 2 and ZSJ 2 For the parameterisation of the data keys enclosed with the timers	637507	171			
Induction loop detectors / pre-fabricated induction loops						
DI 1-Pro	Induction loop detector In semi-housing, without loop cable	637056	463	•/6	•/6	•
DI 2-Pro	Induction loop detector In semi-housing, without loop cable	637076	589	•/6	•/6	•
	Loop cable For DI, 50 m roll	637059	82	•/6	•/6	•

Accessories and combination options

For operators SupraMatic HT as well as ITO 500 FU and controls



Designation	Article no.	€	Operator SupraMatic HT with control		Operator ITO 500 FU with control 560
			Integrated	External 360	ET 500 / ST 500
Further optional extras					
HLG-V	Extension set Hörmann light grille HLG as advance protection, incl. protective tube, height 2500 mm, range up to 10 m. Optional key switch post set (article no. 638904) available.	638458	948		•
LSE	Adapter print 2-wire photocell to system jack	639562	69		•
LSE 2	Photocell expander LSE 2 in the housing (2-wire photocell)	436380	92	•	
RBM 2 E	Radar movement detector For open door function, not a safety device	637484	446	• / 6	• / 6
	Infrared remote control For RBM 2 E radar movement detector	637485	138	• / 6	• / 6
	“Bi-directional” magnet switch For ramp locking	436339	73		
	Magnet switch VDS-class C For opening monitoring	637675	89		
	Alarm horn Protection category IP 33, connecting voltage 230 V AC, multi-function or travel limit circuit board required!	637197	125	• / 5	•
Motor protection optional extras					
	Motor protective switch 1 – 1.6 A	635500	120		
	Motor protective switch 1.6 – 2.5 A	635501	113		
	Motor protective switch 2.5 – 4 A	635502	120		
	Motor protective switch 4 – 6.3 A	635503	113		
	Motor protective switch 6.3 – 10 A	635504	119		
	Motor protective switch housing IP 54	635505	45		

Explanation of the table for operators SupraMatic HT and ITO 500 FU with controls

- Combination options

- 1 Only with retrofitting to impulse control (after technical inspection)
- 2 For choosing direction
- 3 For 2-way traffic system or controlling a second opening height

- 4 With UAP
- 5 PSA, UAP, ZS, MP required
- 6 Only with automatic timer
- 7 Multi-function circuit board, travel limit circuit board, traffic control circuit board required
- 8 On-site time relay or staircase lighting timer required

Notes and sketches

Sports hall door SP 500

For on-site infill overlapping the frame

Product description



General rules

The illustrations of the designs correspond to size 4500 x 2125 mm. Deviations may occur with other sizes.

Door leaf

Door leaf frame made of 80 mm wide outer profiles and 60 mm wide centre profiles with 60 mm profile depth to hold door leaf infills. Bottom reinforcement profile 60 x 40 mm from door width 4000 mm. Maximum door height 2750 mm.

• SP 500

For on-site infill overlapping the frame, with reinforcement struts

BR height up to 2595 mm:	1 horizontal strut
BR height from 2600 to 2750 mm:	2 horizontal struts
BR width up to 1495 mm:	No vertical struts
BR width from 1500 to 4000 mm:	2 vertical struts
BR width from 4005 to 5000 mm:	4 vertical struts

Perforated door leaf frame Ø 4 mm / Ø 10 mm every 30 mm, leaf frame and reinforcement struts powder-coated in White aluminium based on RAL 9006.

Max. door width:	5000 mm
Infill thickness:	Minimum 12 mm Maximum 60 mm

Information on the maximum infill weights can be found on the price page.

Subframe

The scope of delivery includes the door frame made of galvanized square tubes, side frames 160 x 60 mm, transom light frame 120 x 60 mm, primer powder-coating in door leaf colour as standard.

Surface protection

- As standard, galvanized frame profiles have primer powder-coating in White aluminium based on RAL 9006.
- Color, preferred colours based on the RAL colour chart:

Light ivory	RAL 1015	Stone grey	RAL 7030
Ruby red	RAL 3003	Light grey	RAL 7035
Sapphire blue	RAL 5003	Window grey	RAL 7040
Steel blue	RAL 5011	Ochre brown	RAL 8001
Pigeon blue	RAL 5014	Clay brown	RAL 8003
Moss green	RAL 6005	Terra brown	RAL 8028
Fir green	RAL 6009	Grey aluminium	RAL 9007
Anthracite grey	RAL 7016	Traffic white	RAL 9016

- RAL to choose, based on the RAL colour chart
- Hörmann colour CH 703 Anthracite metallic
- Special colours

Door lock

Automatically engaging latch lock.
Flush-fitting recessed handle on the side of the hall
Plastic star handle, lock (prepared for profile cylinder)

Counterbalance

Counterbalancing is done using counter weight technology with a double cable guide. Counter weights completely clad.

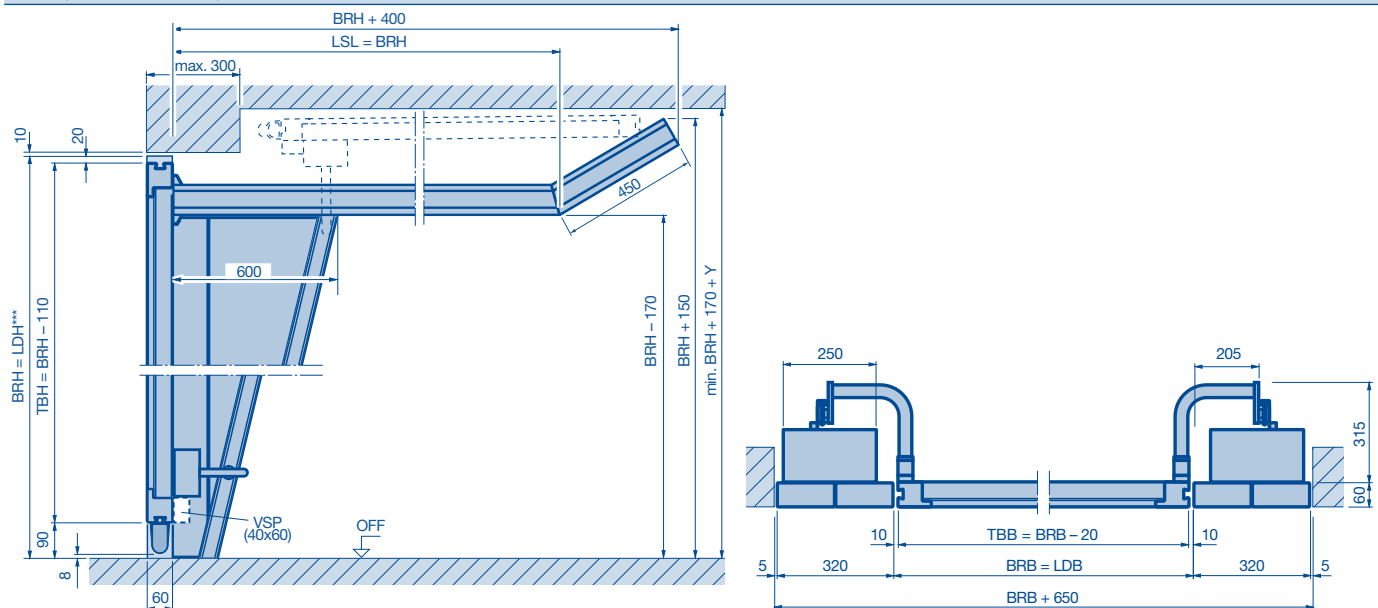
Seals

EPDM bottom profile

Legend for the following drawings

BRB	Nominal size width = ordering size	PWRB	Impact surface frame width	VSP	Reinforcement profile from BRB ≥ 4000 mm
BRH	Nominal size height = ordering size	PWRH	Impact surface frame height	Y	Thickness of infill overlapping the frame
LDB	Clear passage width	SH	Lock height		* LDH with VSP = BRH - 140
LDH	Clear passage height	TBB	Door leaf width		** LDH with VSP = BRH - 40
LSL	Track length	TBH	Door leaf height		*** LDH with VSP = BRH - 20

Fitting in the opening (track application MD)



Notice: Maximum ordering height BRH 2375 mm.

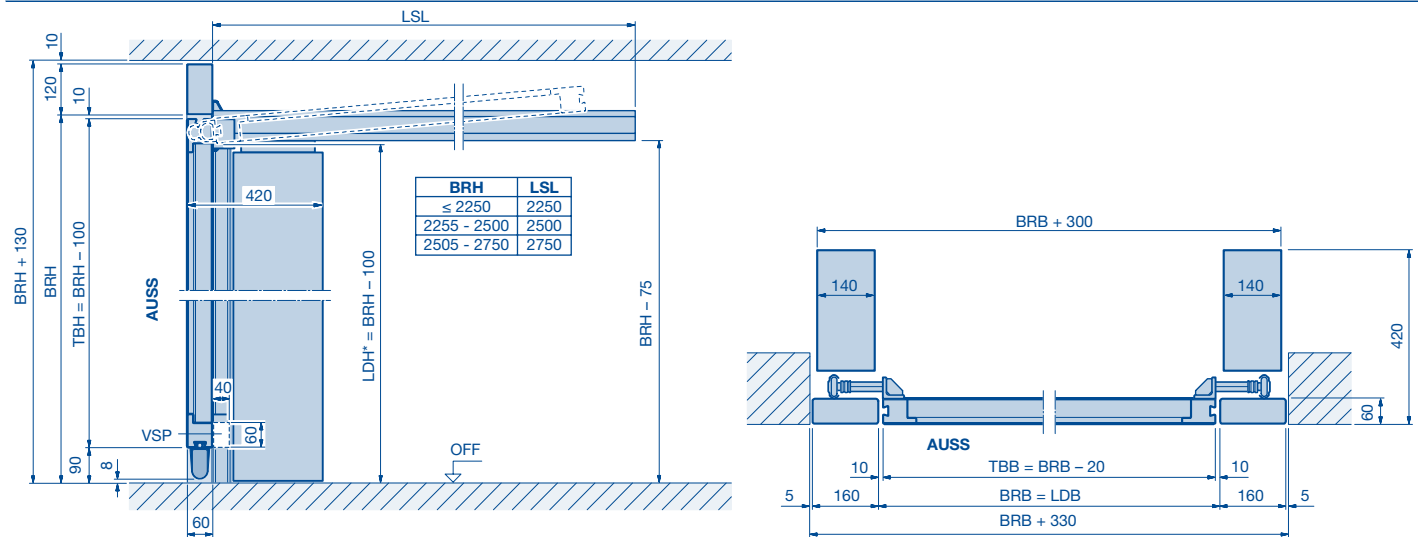
Sports hall door SP 500

For on-site infill overlapping the frame

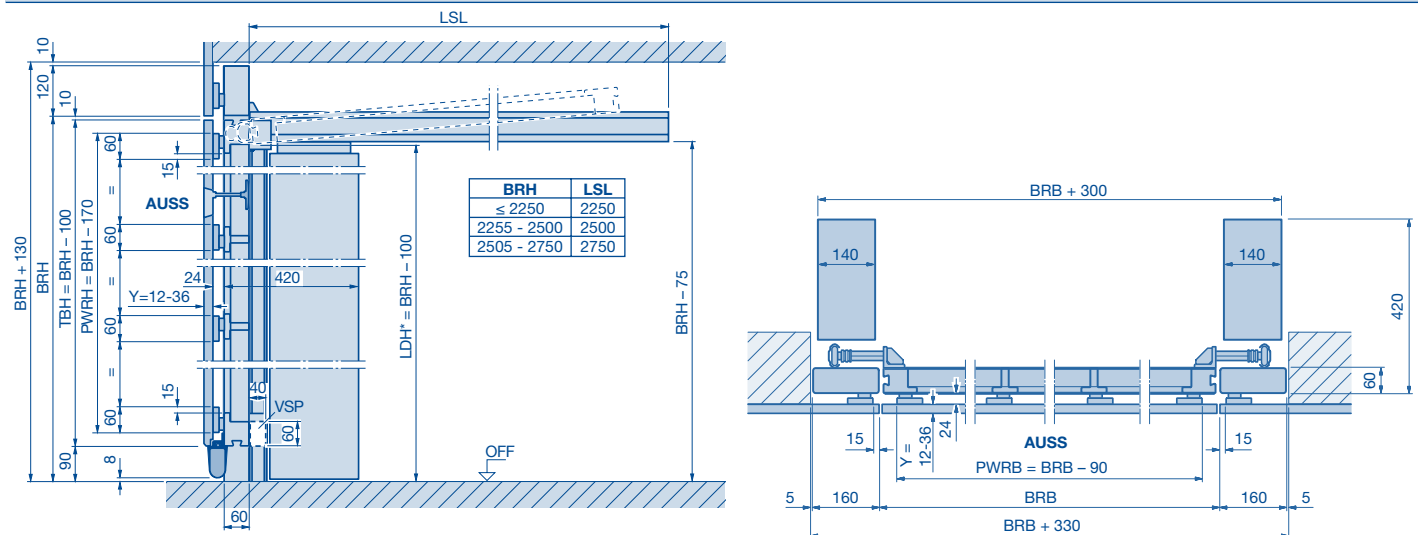
Product description



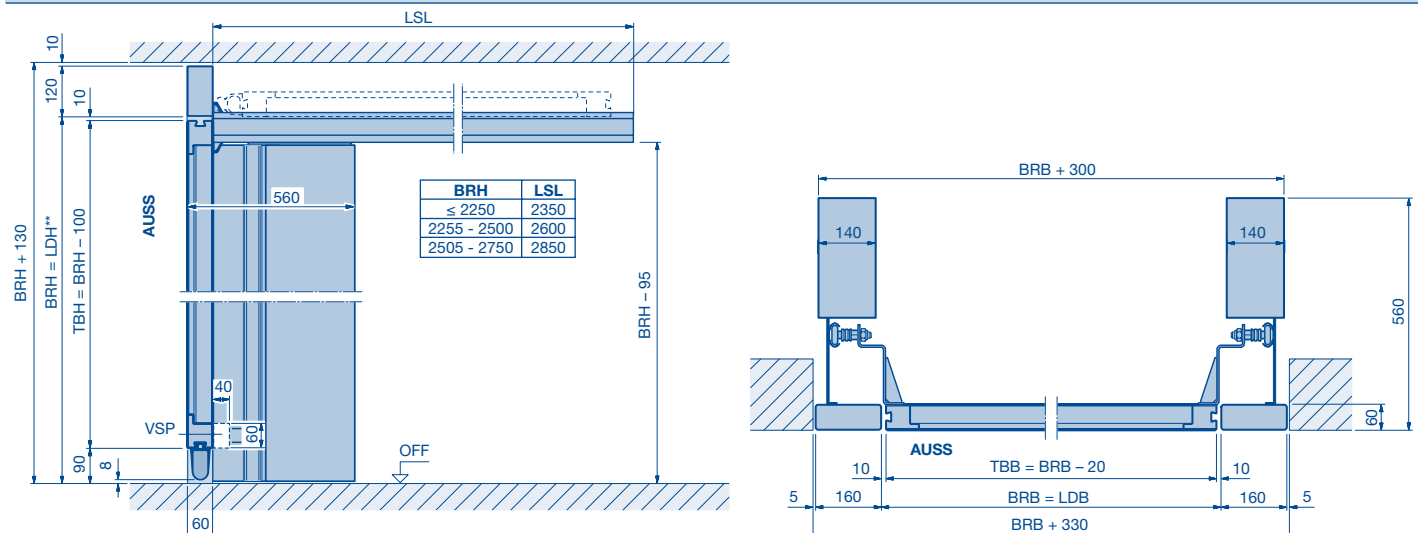
Fitting in the opening (standard)



Fitting in the opening with base construction for elastic impact surface



Fitting in the opening with fitting behind the lintel

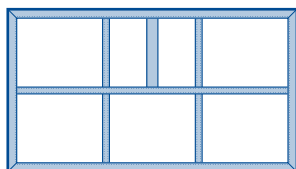


Sports hall door SP 500

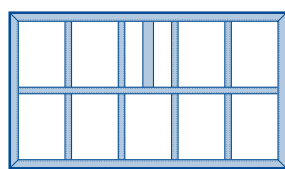
For on-site infill overlapping the frame



SP 500 – for on-site infill overlapping the frame



BR width 1500–4000 mm



BR width ≥ 4005 mm

BR height up to 2595 mm: 1 horizontal strut
 BR height from 2600 to 2750 mm: 2 horizontal struts
 BR width up to 1495 mm: No vertical struts
 BR width from 1500 to 4000 mm: 2 vertical struts
 BR width from 4005 to 5000 mm: 4 vertical struts
 BR width from 4000 mm: Bottom reinforcement profile 60 × 40 mm

Notice:

For doors with an ordering size BRH less than 2300 mm, the min. clear passage height of 2200 mm required acc. to DIN 18032 cannot be maintained!

Ordering size = BRH (nominal size height)	2750	2625	2500	2375	2250	2125	2000										
	4485	4469	4424	4368	4326	4200		1200	1500	1750	2000	2250	2500	2750	3000	3250	3500
	4485	4469	4424	4368	4326	4200											
	4506	4479	4446	4381	4336	4245											
	4567	4554	4459	4406	4389	4311											
	4581	4561	4472	4435	4406	4342											
	5055	5015	4642	4612	4567	4540											
Ordering size = BRB (nominal size width)	5121	5064	4833	4757	4722	4562		3000	3250	3500	3750	4000	4250	4500	4750	5000	
	5676	5599	5370	5317	5292	4799											
	5690	5674	5600	5563	5540	5363											
	6125	6005	5946	5892	5872	5371											
	6170	6097	5946	5892	5872	5371											
	6274	6199	6163	6131	6044	5759											
	6510	6467	6386	6354	6332	5866											
Ordering size = BRB (nominal size width)	6745	6702	6635	6623	6597	6381											
	6791	6753	6677	6635	6614	6435											



Maximum infill weights in kg/m²

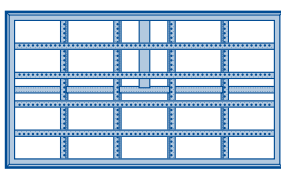
Indicated weight for sports hall door SP500

Ordering size = BRH (nominal size height)	2750	2625	2500	2375	2250	2125	2000										
	36	36	36	36	36	36	36	1200	1500	1750	2000	2250	2500	2750	3000	3250	3500
	30	32	36	36	36	36	36										
	26	28	30	32	30	32	30										
	22	24	26	28	26	28	26										
	20	20	24	24	24	26	24										
	18	18	20	20	20	22	20										
Ordering size = BRB (nominal size width)	16	14	16	16	16	18	16										
	14	14	16	16	16	18	16										
	12	12	14	14	14	16	14										
	12	10	12	12	12	14	12										
	10	8	10	10	10	12	10										
	8	8	10	10	10	12	10										
	7	8	10	10	10	12	10										
Ordering size = BRB (nominal size width)	6	7	8	9	10	12	10										
	6	6	7	8	8	10	8										

Size range in which track application MD is possible.

Surface coating	€	Up to BRB 3000 mm	From BRB 3000 mm
Door leaf in Color	Per door	289	435
Door leaf in RAL to choose or CH 703	Per door	444	673
Door leaf in special colours	Per door	662	901
Optional extras		See page 96	

For on-site infill overlapping the frame with base construction for an elastic impact surface



BR width from 4000 mm:

Bottom reinforcement profile
60 x 40 mm

BR width ≥ 4005 mm

For doors with an ordering size BRH less than 2300 mm, the min. clear passage height of 2200 mm required acc. to DIN 18032 cannot be maintained!

Ordering size = BRH (nominal size height)	2750	5477	5639	5825	6055	6233	6871	7101	7824	8002	8602	8814				
	2625	5414	5574	5739	5971	6140	6745	6960	7651	7884	8368	8621				
	2500	5325	5477	5646	5812	5972	6292	6636	7082	7472	7854	8347	8714	9086		
	2375	5223	5368	5523	5689	5862	6178	6468	6947	7316	7702	8171	8553	8921		
	2250	5137	5275	5415	5602	5756	6055	6348	6796	7186	7563	8035	8340	8768	9073	9314
	2125	4969	5093	5266	5461	5622	5945	6095	6457	6593	7278	7411	7928	8163	8919	8988
	2000															
	1200	1500	1750	2000	2250	2500	2750	3000	3250	3500	3750	4000	4250	4500	4750	5000
Ordering size = BRB (nominal size width)																



Indicated weight for sports hall door SP500 with impact surface

Ordering size = BRH (nominal size height)	2750	32	26	20	18	16	14	12	10	8	8	6				
	2625	34	28	22	18	16	14	12	10	10	8	8				
	2500	36	30	26	22	18	16	14	12	10	10	8	6	6		
	2375	36	32	26	24	20	18	16	14	12	10	10	8	6		
	2250	36	34	30	26	22	18	16	14	12	12	10	8	8	6	6
	2125	36	36	32	28	24	20	18	16	14	12	12	8	8	6	6
	2000	36	36	34	30	26	22	20	18	16	14	12	10	10	8	6
	1200	1500	1750	2000	2250	2500	2750	3000	3250	3500	3750	4000	4250	4500	4750	5000
	Ordering size = BRB (nominal size width)															

Size range in which track application MD is possible. Surcharge for track application MD, see page 75.

The design of the impact surface base construction is dependent on the infill and must be clarified technically before processing the order!

Surface coating	€	Up to BRB 3000 mm	From BRB 3000 mm
Door leaf in Color	Per door	289	435
Door leaf in RAL to choose or CH 703	Per door	444	673
Door leaf in special colours	Per door	662	901
Optional extras			See page 96

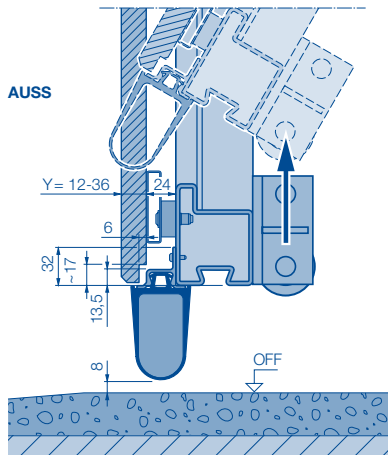
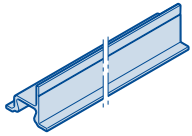
Sports hall door SP 500



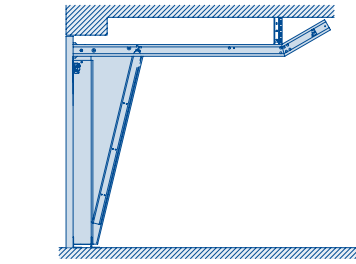
Optional extras

Optional extras		€
Folding ring recessed handle, anodised effect stainless steel	Each	273
Version with fitting behind the lintel (track application HS)		No surcharge

Bottom edge with aluminium profile – as standard for impact surface	Article no.	€
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	Bottom edge with aluminium profile (Standard for impact surface) Rail holder for bottom seal, included Bolts	4634117	Per m	26
				
AUSS Exterior OFF Finished floor level y Thickness of infill overlapping the frame				

Sports hall door track application MD	€
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	Track application MD For fitting in the opening with lintel	Per door	726
Notice: Sports hall door without transom light frame max. ordering height BRH 2375 mm.			

Brand quality for residential and commercial construction

The family-owned company Hörmann offers all important construction components for building and renovating projects from a single source. We manufacture in highly-specialised factories using state-of-the-art production technologies. Furthermore, our employees work intensively on new products, continual further developments and improvements to details. The results are patents and unique products on the market.

