620 Standard

Automatic barrier
for beams up to 5 m

- Hydraulic operator with opening and closing block
- The ideal solution for heavy but not continuous traffic
- Electronic deceleration, patented
- The barrier statuses can be signalled to the traffic control devices
- Automatic, semi-automatic, parking, condo and custom logics
- External release with triangular key.
- Built-in detector, two indipendent channels.
- Bus technology

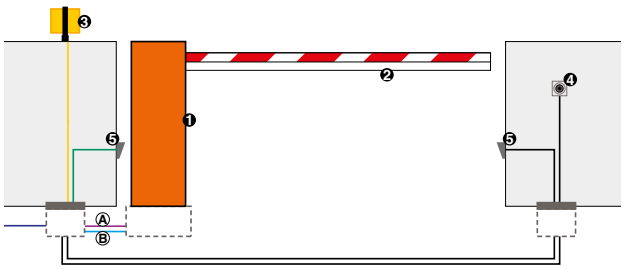
NEW • New round beam with light support.

DIMENSIONS AND TECHNICAL SPECIFICATIONS OF 620 STANDARD

Power supply voltage	230 Vac (+6% -10%) 50 (60) Hz
Electric motor	single-phase, bi-directional
Absorbed power	220 W
Absorbed current	1 A
Motor rotation speed	1400 r.p.m.
Pump flow rate	0.75/1 l/min
Thermal protection on motor winding	120°C
Effective torque	0 to 200 / 0 to 150 Nm
Electronic deceleration	Adjustable with cams
Operating ambient temperature	-20°C to +55°C

Weight	73 kg
Type of oil	FAAC HP OIL
Barrier body treatment	100 micron epoxy zinc-plating anti-corrosion treatment
Paint	Polyester RAL 2004
Protection class	IP 44
Type of beam	rectangular standard - standard rectangular with skirt - articulated standard - round - pivoting round - round S
Dimensions (L x D x H) in mm	350 x 170 x 1080
Thrust capacitor	8 µF 400 V

TYPICAL INSTALLATION EXAMPLE



■Ⓐ **Low voltage cabling**
- 3 cables 3x0.5
- 1 cable 2x0.5

■Ⓑ **Power cabling (230V)**
- 1 cable 2x1.5+T
- 1 cable 2x1.5

N.B: Cable sections in mm²

Ref.	Q.ty	Description of material	Item code		Kit
❶	1	620 Standard barrier body with built-in control unit 624 BLD	see following page		**Not available**
	1	Fastening pocket for rectangular beam	428342		
	1	Foundation plate	490058		
❷	1	Rectangular beam 4,815 mm	428091		
	1	Receiver board RP 433 SLH	787824		
	1	Two-channels transmitter XT2 433 SLH LR	787007		
❸	1	Flashing lamp FAACLIGHT	410013		
❺	1	Pair of photocells FOTOSWITCH	785152		
	2	Aluminium columns for FOTOSWITCH	401028		
❹	1	Key-operated push-button T10	401010001/36		
	2	Foundation plates for columns	737630		
	1	Plastic container to be walled in	720086		

Notes
ATTENTION: The configuration does not include the safety devices (i.e.: active or passive safety edges) that are to be determined according to the specific "risk analysis" of each installation (Ref.: UNI-EN 12445 and 12453 European Standards).
• The indicated price does not include the installation costs and the expenses for masonry, electrical and metalwork preparations.

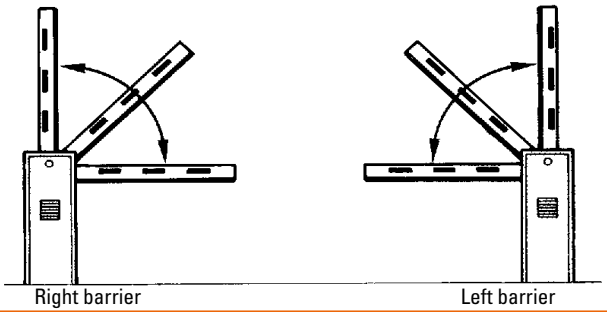
620 STANDARD

Model	Use			Control unit	Item code	
	Beam max. length (m)	Opening time (s)	Use frequency (%)			
620 standard LH/RH	5,00	3.5 (3m) 4.5 (4m)	70	Built-in 624 BLD	See following table	
620 standard articulated LH/RH	4,00 (articulated)	3.5 (3m) 4.5 (4m)	70	Built-in 624 BLD	See following table	

The packages 620 standard include: barrier body - for rectangular / round / pivoting round beam (620 STD) - for rectangular articulated beam (620 STD ART.), hydraulic drive transmission system complete with balancing spring, installation accessories, a triangular release key.

ORDER CODES TABLE FOR 620 STANDARD BARRIERS

Model	Beam profile	Beam length (mm)	LH version code	RH version code
620 STD	620 rectangular standard	1,315 to 2,055	1046268	1046468
		2,065 to 2,555	1046208	1046408
		2,565 to 3,055	1046278	1046478
		3,065 to 3,815	1046288	1046488
		3,825 to 4,815	1046228	1046428
	620 rectangular standard with skirt	1,815 to 2,805	1046208	1046408
		2,815 to 3,555	1046218	1046418
		3,565 to 3,815	1046228	1046428
		3,825 to 4,815	1047508	1047518
	620 round	1,500 to 2,740	1046268	1046468
		2,750 to 3,240	1046208	1046408
		3,250 to 4,000	1046278	1046478
		4,010 to 5,000	1046228	1046428
	NEW 620 S round	0 to 2,300 mm	1046268	1046468
		2,310 to 2,800 mm	1046208	1046408
		2,810 to 3,300 mm	1046278	1046478
		3,310 to 3,800 mm	1046288	1046488
		3,810 to 4,300 mm	1046228	1046428
		4,310 to 5,000 mm	1046228	1046128
	NEW 620 S round with skirt	0 to 2,300 mm	1046268	1046468
		2,310 to 2,800 mm	1046208	1046408
		2,810 to 3,300 mm	1046218	1046418
		3,310 to 3,800 mm	1046228	1046428
		3,810 to 4,300 mm	1047508	1047508
		4,310 to 5,000 mm	1047508	1047518
	620 pivoting round	1,500 to 2,240	1046268	1046468
		2,250 to 2,740	1046208	1046408
		2,750 to 3,000	1046278	1046478
620 STD ARTICULATED	620 rectangular articulated A(*) = 815 to 1314 mm	1,315 to 1,815	1047018	1047118
		1,825 to 2,815	1047028	1047128
		2,825 to 3,815	1047038	1047138
	620 rectangular articulated A(*) = 1315 to 1814 mm	1,825 to 2,815	1047038	1047138
		2,825 to 3,815	1047048	1047148
	620 rectangular articulated A(*) = 1815 to 2075 mm	1,825 to 2,815	1047048	1047148



Right barrier Left barrier

CONTROL UNITS

Built-in control board 624 BLD
Technical specifications
page 150

SPECIFIC ACCESSORIES

Articulation kit - max. ceiling height 3 m (only for standard rectangular beams)

Item code 428137

Notes

- You can determine right or left barrier version, by looking at the barrier from the door side (see drawing at the side). The door usually faces the inside of the property.
IMPORTANT the rectangular beam has a profile in anti-impact rubber; for balancing reasons, “active” safety edges cannot be installed on the beam profile.
- IMPORTANT the beam fastening pocket is not included in the case and must be ordered separately. Consult “Specific accessories”
- (*) A = H - 1155 (mm) where H is the floor to ceiling height.

620 Standard

SPECIFIC ACCESSORIES

Standard rectangular beams - 5 lengths:

Length	1.815 mm
Item code	428087
Price (euro)	81.40
Length	2.315 mm
Item code	428088
Price (euro)	91.70
Length	2.815 mm
Item code	428089
Price (euro)	100.50
Length	3.815 mm
Item code	428090
Price (euro)	110.30
Length	4.815 mm
Item code	428091

Round beams (while stocks last)

Length	2.500 mm
Item code	428078
Price (euro)	128.90
Length	3.000 mm
Item code	428075
Price (euro)	147.30
Length	4.000 mm
Item code	428079
Price (euro)	164.90
Length	5.000 mm
(solo 620 stdandard)	
Item code	428149

Pivoting round beams

Length	2.500 mm
Item code	428175
Price (euro)	190.70
Length	3.000 mm
Item code	428176

Fastening pocket for rectangular, round and pivoting round beams

Rectangular beams	
Item code	428342
Price (euro)	40.20
Round beams (while stocks last)	
Item code	428152
Price (euro)	107.10
(INOX) Pivoting round beams	
Item code	428163

End foot for rectangular beams (**)

Item code	428215

Support fork for beams

Item code	722633

Skirt kit (only for standard rectangular beams)

Length	2.000 mm
Item code	4282431
Price (euro)	119.60
Length	3.000 mm
Item code	4282441

Release lock with customised key from no. 1 to no. 36

Code from	424641 to 424676

Fork support plate

Item code	737621

Foundation plate

Item code	490058

ACCESSORIES FOR SPECIFIC USES

Additional triangular release key (10 pcs package)

Item code	713002

Break out sensor for pivoting round beams

Item code	390828

Anti-vandal valve (*)
It protects the hydraulic system if the beam is forced

Item code	401066

Anti-panic unit (*)
For manual opening of the beam in the event of a power cut

Item code	401051

Notes
- (*) The anti-panic unit and the anti-vandal valve cannot coexist on the same barrier.
- (**) For correct balancing, installing a foot on a beam and on a beam with skirt, entails selecting a barrier housing for beam lengths of over 0.5 m.