

620 Rapid

Automatic barrier for beams up to 4 m

- Hydraulic operator with opening and closing block
- The ideal solution for heavy traffic
- Electronic deceleration, patented
- The barrier statuses can be signalled to the traffic control devices
- Automatic, semi-automatic, parking logics
- External release with triangular key.

New

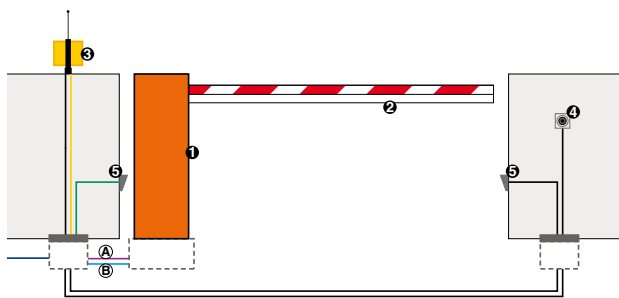
- Built-in detector, two independent channels.
- Bus technology.



DIMENSIONS AND TECHNICAL SPECIFICATIONS OF 620 RAPID

Power supply voltage	230 Vac (+6% -10%) 50 (60) Hz	Weight	73 kg
Electric motor	single-phase, bi-directional	Type of oil	FAAC HP OIL
Absorbed power	220 W	Barrier body treatment	Cataphoresis
Absorbed current	1 A	Paint	Polyester RAL 2004
Motor rotation speed	1400 - 2800 r.p.m.	Protection class	IP 44
Pump flow rate	1.5/2 l/min	Cooling	Forced air
Thermal protection on motor winding	120 °C	Type of beam	Rectangular standard - rectangular articulated standard - round - pivoting round
Effective torque	0 to 100 / 0 to 80 Nm	Dimensions (L x D x H) in mm	350 x 170 x 1,080
Electronic deceleration	Adjustable with cams	Thrust capacitor	8 µF 400 V
Operating ambient temperature	-20°C to +55°C		

TYPICAL INSTALLATION EXAMPLE



■ (A) Low voltage cabling

- 3 cables 3x0.5
- 1 cable 2x0.5

■ (B) Power cabling (230 V)

- 1 cable 2x1.5+T
- 1 cable 2x1.5

N.B: Cable sections in mm²

Ref.	Q.ty	Description	Item code	Price (euro)
①	1	620 Rapid barrier body with built-in control unit 624 BLD	see following page	
	1	Fastening pocket for rectangular beams	428342	
	1	Foundation plate	490058	
②	1	Rectangular beam 3,815 mm	428090	
	1	Receiver board RP 433 SLH	787824	
	1	Two-channels transmitter XT2 433 SLH	787003	
③	1	Flashing lamp FAACLIGHT	410013	
⑤	1	Pair of photocells FOTOSWITCH	785152	
	2	Aluminium columns for FOTOSWITCH	401028	
④	1	Key-operated push-button T10	401010001/36	
	2	Foundation plates for columns	737630	
	1	Plastic container to be walled in	720086	
TOTAL				

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.

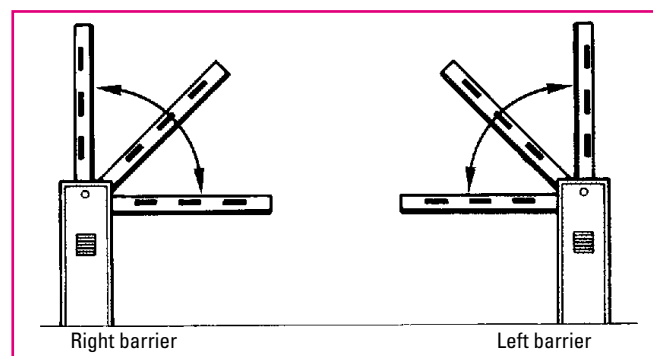
620 RAPID

Model	Use			Control unit	Item code	Price (euro)
	Beam max. length (m)	Opening time (s)	Use frequency (%)			
620 rapid LH/RH	4.00	2 (3 m) 3 (4 m)	Continuous duty	built-in 624 BLD	See following table	
620 rapid articulated LH/RH	3.00 (articulated)	3	Continuous duty	built-in 624 BLD	See following table	

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

ORDER CODES TABLE FOR 620 RAPID BARRIER

Model	Beam profile	Beam length (mm)	LH version code	RH version code
620 RAPID	620 rectangular standard	1,315 to 2,055	1046328	1046528
		2,065 to 2,555	1046338	1046538
		2,565 to 3,055	1046348	1046548
		3,065 to 3,815	1046358	1046558
	620 round	1,500 to 2,740	1046328	1046528
		2,750 to 3,240	1046338	1046538
		3,250 to 4,000	1046348	1046548
	620 pivoting round	1,500 to 2,240	1046328	1046528
		2,250 to 2,740	1046338	1046538
2,750 to 3,000		1046348	1046548	
620 RAPID ARTICULATED	620 rectangular articulated A(*) = 815 to 1314 mm	1,315 to 1,815	1047208	1047308
		1,825 to 2,815	1047218	1047318
	620 rectangular articulated A(*) = 1315 to 1814 mm	1,825 to 2,815	1047228	1047328
	620 rectangular articulated A(*) = 1815 to 2075 mm	1,825 to 2,815	1047238	1047338



Notes

- **IMPORTANT:** the beam fastening pocket is not included in the case and must be ordered separately (Specific accessories).
- (*) A = H - 1155 mm where H is the floor to ceiling height.
- You can determine right or left barrier version by looking at the barrier from the door side (see drawing above). 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.
- A skirt kit and/or end foot cannot be installed on a round beam.

CONTROL UNITS



Built-in control board 624 BLD
Technical specifications page 158

SPECIFIC ACCESSORIES



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

Item code 428137
Price (euro)



Foundation plate

Item code 490058
Price (euro)

620 Rapid

SPECIFIC ACCESSORIES



Standard rectangular beams

Length	1,815 mm
Item code	428087
Price (euro)	
Length	2,315 mm
Item code	428088
Price (euro)	
Length	2,815 mm
Item code	428089
Price (euro)	
Length	3,815 mm
Item code	428090
Price (euro)	



Round beams

Length	2,500 mm
Item code	428078
Price (euro)	
Length	3,000 mm
Item code	428075
Price (euro)	
Length	4,000 mm
Item code	428079
Price (euro)	



Pivoting round beams

Length	2,500 mm
Item code	428175
Price (euro)	
Length	3,000 mm
Item code	428176
Price (euro)	



Fastening pocket for rectangular, round and pivoting round beams

Rectangular beams	
Item code	428342
Price (euro)	
Round beams	
Item code	428152
Price (euro)	
Pivoting round beams (INOX)	
Item code	428163
Price (euro)	



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

Code from	424641 to 424676
Price (euro)	



Additional triangular release key (10 pcs package)

Item code	713002
Price (euro)	



Support fork for beams

Item code	722633
Price (euro)	



Fork support plate

Item code	737621
Price (euro)	

ACCESSORIES FOR SPECIFIC USES



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

Item code	401066
Price (euro)	



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

Item code	401051
Price (euro)	



Break out sensor for pivoting round beams

Item code	390828
Price (euro)	

Notes

- (*) The anti-panic unit and the anti-vandal valve cannot coexist on the same barrier.



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Flashing lamps page 193



Transmitters page 182



Various accessories page 194