

## 620 Rapid

## Automatic 230V Barrier



## Max beam length

3 - 3,8 m

## Opening time

2 - 3 s

## Use frequency

## Continuous use

- Patented electronic deceleration and barriers status signalling through traffic management devices.
- Ideal for heavy traffic, where fast opening is a must.
- Two channels integrated detector and 11 pre-set logics



## DIMENSIONS AND TECHNICAL SPECIFICATIONS

Model	620 Rapid
Power supply voltage	220-240V~ 50/60 Hz
Motor	Asynchronous single phase
Motor rotation speed	1.400 - 2.800 rpm (*)
Max. power	220 W
Max. torque	0 ÷ 150 / 0 ÷ 140 Nm (*)
Motor-pump unit capacity	1,5 - 2 lpm (*)
Material type	Steel
Type of treatment	100 micron protective primer + polyester painting RAL 2004
Encoder	No - anti-crushing hydraulic safety device
Type of deceleration	Electronic - Adjustable with cams
Type of beam	Rectangular - Articulated - Round - Pivoting round
Operating ambient temperature	-20°C ÷ +55°C
Thermal protection	120°C
Cooling	With forced air
Protection class	IP44
Weight	73 Kg
Type of oil	FAAC HP OIL
Dimensions (LxDxH)	350 x 170 x 1080 mm
Beam max length	3.8 m
Opening time	2 s (90° - 3 m) - 3 s (90° - 4 m)
Use frequency	100%
Electronic equipment	624BLD incorporated

(\*) data referred to 230V~ 50Hz.

## FAMILY MODELS

Model	Item code
620 Rapid L/R	See table below
620 Rapid articulated L/R	See table below

## PACKS

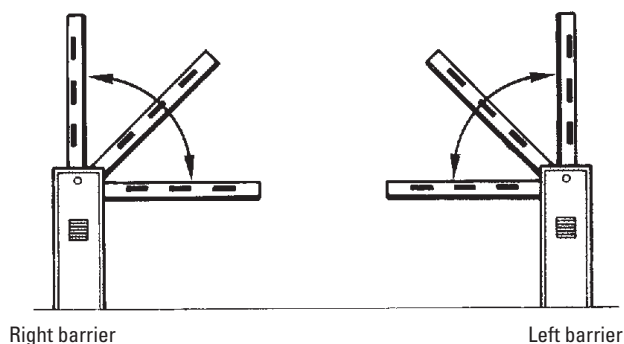
**620 Rapid includes:** barrier body - for a rectangular / round / pivoting round / S-round beam (620 Rapida) - for a jointed rectangular beam (jointed 620 Rapida), oil-hydraulic movement transmission system complete with a balancing spring, incorporated 624BLD electronic board, installation accessories, one triangular release key.

Typical Installation Examples page. 351

## BARRIER ORDERING CODES TABLE

Model	Beam	Beam length (mm)	LH version code	RH version code
620 Rapid	620 rectangular standard	1.315 ÷ 2.055	1046328	1046528
		2.065 ÷ 2.555	1046338	1046538
		2.565 ÷ 3.055	1046348	1046548
		3.065 ÷ 3.815	1046358	1046558
	620 round S	0 ÷ 2.300	1046328	1046528
		2.310 ÷ 2.800	1046338	1046538
		2.810 ÷ 3.300	1046348	1046548
		1.500 ÷ 2.240	1046328	1046528
	620 round pivoting	2.250 ÷ 2.740	1046338	1046538
		2.750 ÷ 3.000	1046348	1046548
620 Rapid articulated	620 rectangular articulated A(*) = 815 ÷ 1314 mm	1.825 ÷ 2.815	1047218	1047318
	620 rectangular articulated A(*) = 1315 ÷ 1814 mm	1.825 ÷ 2.815	1047228	1047328
	620 rectangular articulated A(*) = 1815 ÷ 2075 mm	1.825 ÷ 2.815	1047238	1047338

(\*) A = H - 1155 mm where H is the floor to ceiling height.



## NOTE

You can determine right or left barrier version by looking at the barrier from the door side (see drawing). The door usually faces the inside of the property.

The 620 Rapid barrier does not allow the installation of end foot and/or skirt kit.

## ELECTRONIC CONTROL UNITS



624BLD electronic control unit (incorporated)  
Info at page 162

2022715

## COMMON ACCESSORIES FOR ALL APPLICATIONS



Foundation plate

490058



Adjustable fork for beam support

428806



Support plate for fork

737621

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Anti-vandalism valve

401066



Anti-panic unit ♦

401051



Supplementary triangular release key (10 pcs. pack)

713002



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

424641-76

## NOTE

♦ The anti-panic unit and the anti-vandal valve cannot coexist on the same barrier. It allows manual opening of the beam in case of power cut.

## ROUND BEAMS S AND SPECIFIC ACCESSORIES



Round beams S - Ø 75 mm (adhesive labels not included)

Length (mm)	Item code
2.300	428045
3.300	428042

The round S beams are supplied with protective rubber and for balancing reasons it is not possible to install on the beam profile the "active" safety edge.



Fixing bracket for round beams S 615/620/B614 ♦

428445



Round beam light connection kit S/L ♦

390992

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Luminous cord 12 m pack ♦

390993



Adhesive reflector kit (6 pcs.)

490117

## NOTE

- ♦ The beam bracket is not included in the cabinet and must be ordered separately
- ♦ For correct balancing, installing lights on a round beam and a round beam with skirt for lengths greater than 2,800 mm requires a barrier cabinet for a beam length greater than 0.5 m. N.B. In case of beam with end foot and lights consider 1 m (0,5 m lights + 0,5 m endfoot).

## RECTANGULAR BEAMS AND SPECIFIC ACCESSORIES



Rectangular standard beam

Length (mm)	Item code
2.315	428088
2.815	428089
3.815	428090

The rectangular beams are supplied with protective rubber and for balancing reasons it is not possible to install on the beam profile the "active" safety edge.



Beam bracket for rectangular beam ♦

428342



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

428137

## NOTE

♦ The beam bracket is not included in the cabinet and must be ordered separately

## PIVOTING ROUND BEAMS AND SPECIFIC ACCESSORIES



Pivoting round beams

Length (mm)	Item code
2.500	428175
3.000	428176

It is not possible to install skirt kits, end foot and fork on the new round pivoting beams.



Beam bracket for pivot round beam - (STAINLESS STEEL)

428163



Break-in sensor for pivoting round beams

390828

## OTHER ACCESSORIES

Key operated buttons  
page 176

Safety devices  
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Transmitters and receivers  
page 168

Photocells and columns  
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Flashing lights  
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Various accessories  
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