

620 Standard

Automatic 230V Barrier



Max beam length

4 - 5 m

Opening time

3,5 - 4,5 s

Use frequency

70%



- Patented electronic deceleration and barriers status signalling through traffic management devices.
- The ideal solution for heavy but not continuous traffic.
- Two channels integrated detector and 11 pre-set logics



DIMENSIONS AND TECHNICAL SPECIFICATIONS

Model	620 Standard
Power supply voltage	220-240V~ 50/60 Hz
Motor	Asynchronous single phase
Motor rotation speed	1400 rpm (*)
Max. power	220 W
Max. torque	0 ÷ 220 / 0 ÷ 180 Nm (*)
Motor-pump unit capacity	0,75-1 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 - Rectangular with skirt - Articulated - Round - Round pivoting
Operating ambient temperature	-20°C ÷ +55°C
Thermal protection	120°C
Cooling	-
Protection class	IP44
Weight	73 Kg
Type of oil	FAAC HP OIL
Dimensions (LxDxH)	350 x 170 x 1080 mm
Beam max length	5 m
Opening time	3,5 s (90° - 3 m) - 4,5 s (90° - 4 m)
Use frequency	70%
Electronic equipment	624BLD incorporated

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

FAMILY MODELS

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

PACKS

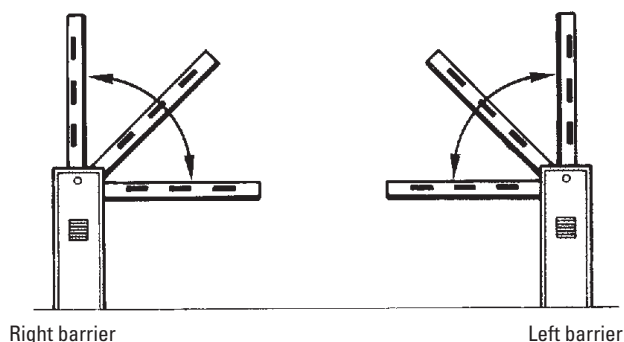
620 Standard includes: barrier body - for a rectangular / round / pivoting round / S-round beam (620 Standard) - for a jointed rectangular beam (jointed 620 Standard), oil-hydraulic movement transmission system complete with a balancing spring, incorporated 624BLD electronic board, installation accessories, 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 Standard	620 rectangular standard	1.315 ÷ 2.055	1046268	1046468
		2.065 ÷ 2.555	1046208	1046408
		2.565 ÷ 3.055	1046278	1046478
		3.065 ÷ 3.815	1046288	1046488
		3.825 ÷ 4.815	1046228	1046428
	620 rectangular standard with skirt	1.815 ÷ 2.805	1046208	1046408
		2.815 ÷ 3.555	1046218	1046418
		3.565 ÷ 3.815	1046228	1046428
		3.825 ÷ 4.815	1047508	1047518
	620 round S	0 ÷ 2.300	1046268	1046468
		2.310 ÷ 2.800	1046208	1046408
		2.810 ÷ 3.300	1046278	1046478
		3.310 ÷ 3.800	1046288	1046488
		3.810 ÷ 4.300	1046228	1046428
		4.310 ÷ 5.000	1046228	1046428
	620 round S with skirt	0 ÷ 2.300	1046268	1046468
		2.310 ÷ 2.800	1046208	1046408
		2.810 ÷ 3.300	1046218	1046418
		3.310 ÷ 3.800	1046228	1046428
		3.810 ÷ 4.300	1047508	1047518
		4.310 ÷ 5.000	1047508	1047518
	620 round pivoting	1.500 ÷ 2.240	1046268	1046468
		2.250 ÷ 2.740	1046208	1046408
		2.750 ÷ 3.000	1046278	1046478
620 Standard ARTICULATED	620 rectangular articulated A(*) = 815 ÷ 1314 mm	1.825 ÷ 2.815	1047028	1047128
		2.825 ÷ 3.815	1047038	1047138
	620 rectangular articulated A(*) = 1315 ÷ 1814 mm	1.825 ÷ 2.815	1047038	1047138
		2.825 ÷ 3.815	1047048	1047148
	620 rectangular articulated A(*) = 1815 ÷ 2075 mm	1.825 ÷ 2.815	1047048	1047148

(*) $A = H - 1125$ (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.

ELECTRONIC CONTROL UNITS



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

2022715

COMMON ACCESSORIES FOR ALL APPLICATIONS



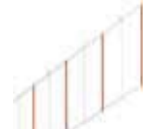
Foundation plate

490058



Skirt kit length 2 m ♦

428441



Skirt kit length 3 m ♦

428446

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Adjustable fork for beam support

428806



Support plate for fork

737621



Adjustable end foot for beam support ♦

428805



Anti-vandalism valve

401066



Anti-panic unit ♦

401051



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

424641-76

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Supplementary triangular release key (10 pcs. pack)

713002

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

NOTE

- ♦ For correct balancing, installing an end foot on a beam and on a beam with skirt requires a barrier cabinet for a beam length greater than 0.5 m.
- ♦ 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
4.300	428043
5.000	428002

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

RECTANGULAR BEAMS AND SPECIFIC ACCESSORIES



Rectangular standard beam

Length (mm)	Item code
2.315	428088
2.815	428089
3.815	428090
4.815	428091

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
- ♦ 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).

OTHER ACCESSORIES

Key operated buttons
page 176

Safety devices
page 190

Transmitters and receivers
page 168

Photocells and columns
page 186

Flashing lights
page 198

Various accessories
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