

Automatic barrier

for beams up to 7 m



- Hydraulic with opening and closing block
- External release with triangular key
- The right solution for large industrial accesses, with particularly demanding use
- Electronic deceleration, patented
- The barrier statuses can be signalled to the traffic control devices.

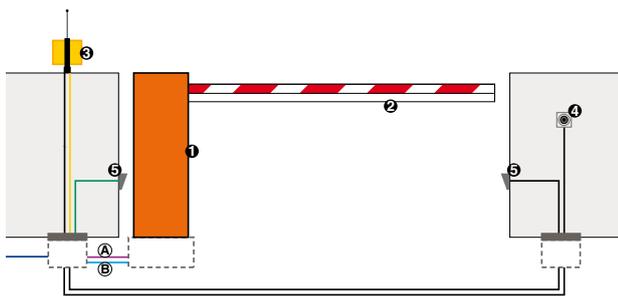
New

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

DIMENSIONS AND TECHNICAL SPECIFICATIONS OF 640

Power supply voltage	230 Vac (+6% -10%) 50 (60) Hz	Weight	84 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	0.75 - 1 - 1.5 - 2 l/min	Cooling	Forced air
Thermal protection on motor winding	120 °C	Type of beam	rectangular - rectangular with skirt
Effective torque	0 to 470 / 0 to 340 / 0 to 250 / 0 to 210 Nm	Dimensions (L x D x H) in mm	380 x 200 x 1080
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	640 barrier body with built-in control unit 624 BLD	see following page	
	1	Fastening pocket for rectangular beams	428154	
	1	Foundation plate	490059	
	1	Support fork	722633	
②	1	Rigid beam 7 m	428064	
	1	Receiver board RP 433 SLH	787824	
	1	Two-channels transmitter XT2 433 SLH	787003	
③	1	Flashing lamp FAACLIGHT	410013	
④	1	Pair of photocells FOTOSWITCH	785152	
⑤	2	Aluminium columns for FOTOSWITCH	401028	
⑥	1	Key-operated push-button T10	401010001/36	
	2	Foundation plates for columns	737630	
	1	Support plate for fork	737621	
	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.

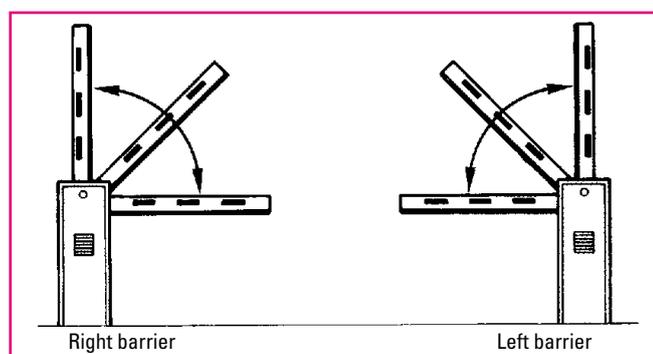
640

Model	Use			Control unit	Item code	Price (euro)
	Beam max. length (m)	Opening time (s)	Use frequency (%)			
640 LH/RH	7.00	4 (5 m)	Continuous duty	built-in 624 BLD	See following table	

The packages 640 include: barrier body, hydraulic drive transmission system complete with balancing spring, installation accessories, a triangular release key.

ORDER CODES TABLE FOR BARRIER 640

Model	Beam profile	Beam length (mm)	LH version code	RH version code
640	640 rectangular	3,750 to 4,240	1046828	1046608
		4,250 to 5,240	1046838	1046618
		5,250 to 6,740	1046848	1046628
		6,750 to 7,000	1046858	1046638
	620 rectangular with skirt	3,750 to 4,740	1046898	1046688
		4,750 to 5,240	1046908	1046698
		5,250 to 5,740	1046858	1046638
		5,750 to 7,000	1046918	1046708



Notes

- **IMPORTANT:** the beam fastening pocket is not included in the case and must be ordered separately. Consult "specific accessories". 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.

CONTROL UNITS



Built-in control board 624 BLD
Technical specifications page 158

SPECIFIC ACCESSORIES



Skirt kit (*) length 2 m
(only for standard rectangular beam)

Item code 4282431
Price (euro)



Skirt kit (*) length 3 m
(only for standard rectangular beam)

Item code 4282441
Price (euro)



Fastening pocket for rectangular beam

Item code 428154
Price (euro)



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SPECIFIC ACCESSORIES



Rectangular standard beams

Length	4 m
Item code	428061
Price (euro)	
Length	5 m
Item code	428062
Price (euro)	
Length	6 m
Item code	428063
Price (euro)	
Length	7 m
Item code	428064
Price (euro)	



Foundation plate

Item code	490059
Price (euro)	



Support fork for beams

Item code	722633
Price (euro)	



Fork support plate

Item code	737621
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)	



End foot for rectangular beams ()**

Item code	428215
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)	

Notes

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

OTHER ACCESSORIES



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For spare parts, see page. 342-348