

# Automatic barrier

for beams up to 7 m



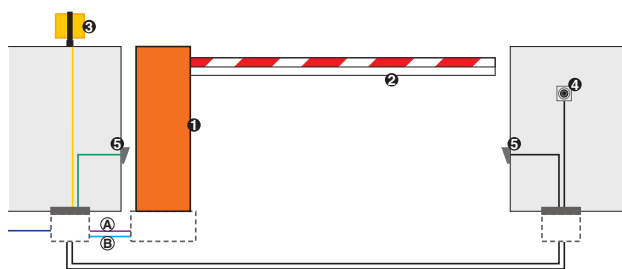
- Hydraulic with opening and closing block
- External release with triangular key
- The right solution for large industrial accesses, with particularly demanding use
- Electronic deceleration, patented
- The barrier statuses can be signalled to the traffic control devices.
- Built-in detector, two independent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

## DIMENSIONS AND TECHNICAL SPECIFICATIONS 640

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 - 2800 r.p.m.
Pump flow rate	0.75 - 1 - 1.5 - 2 l/min
Thermal protection on motor winding	120°C
Effective torque	0÷470/0÷340/0÷250/0÷210 Nm
Electronic deceleration	Adjustable with cams
Operating ambient temperature	-20°C to +55°C

Weight	84 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
Cooling	Forced air
Type of beam	rectangular - rectangular with skirt
Dimensions (L x D x H) in mm	380 x 200 x 1080
Thrust capacitor	8 µF 400 V

## TYPICAL INSTALLATION EXAMPLE



### ■ (A) Low voltage cabling

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

### ■ (B) Power cabling (230V)

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

N.B: Cable sections in mm<sup>2</sup>

Ref.	Q.ty	Description of material	Item code
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	1	Receiver board RP 433 SLH	787824
	1	Two-channels transmitter XT2 433 SLH LR	787007
③	1	Flashing lamp FAACLIGHT	410013
⑤	1	Pair of photocells FOTOSWITCH	785152
⑤	2	Aluminium columns for FOTOSWITCH	401028
④	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

### 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.

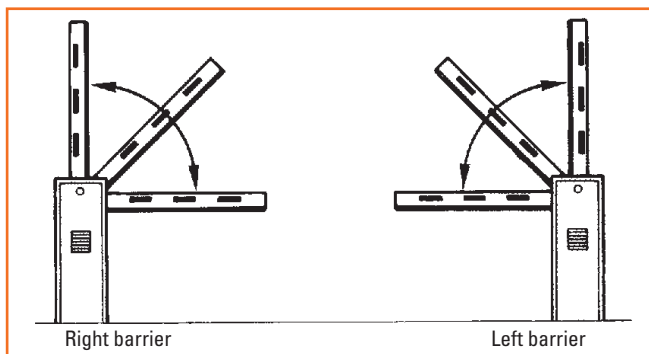
## 640

Model	Use			Control unit	Item code
	Beam max. length (m)	Opening time (s)	Use frequency (%)		
640 LH/RH	7,00	4 (5m)	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

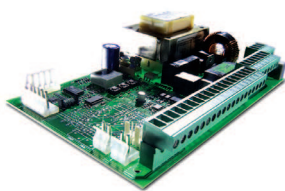
Model	Beam profile	Beam length (mm)	LH version code	RH version code
640	640 rectangular	3.750 to 4.240	1046828	1046608
		4.250 to 5.240	1046838	1046618
		5.250 to 6.740	1046848	1046628
		6.750 to 7.000	1046858	1046638
	640 rectangular with skirt	3.750 to 4.740	1046898	1046688
		4.750 to 5.240	1046908	1046698
		5.250 to 5.740	1046858	1046638
		5.750 to 7.000	1046918	1046708



**Notes**

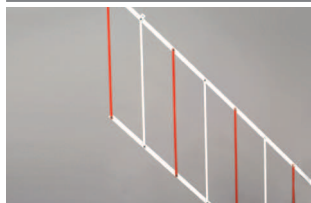
- **IMPORTANT:** the beam fastening pocket is not included in the case and must be ordered separately. Consult "specific accessories". You can determine right or left barrier version by looking at the barrier from the door side (see drawing above). The door usually faces the inside of the property.

### CONTROL UNITS



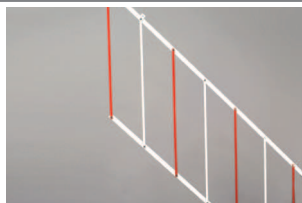
**Built-in control board 624 BLD**  
Technical specifications page 150

### SPECIFIC ACCESSORIES



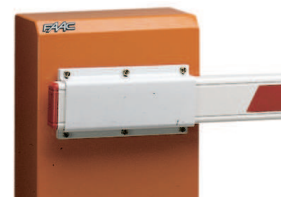
**Skirt kit (\*) length 2 m**  
(only for standard rectangular beams)

Item code 4282431



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

Item code 4282441



**Fastening pocket for rectangular beam**

Item code 428154

## SPECIFIC ACCESSORIES



**Standard rectangular beams**

Length	4.000 mm
Item code	428061
Length	5.000 mm
Item code	428062
Length	6.000 mm
Item code	428063
Length	7.000 mm
Item code	428064



**Foundation plate**

Item code 490059



**Support fork for beams**

Item code 722633



**Fork support plate**

Item code 737621



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

Code from 424681 al 424716



**Additional triangular release key (10 pcs package)**

Item code 713002



**End foot for rectangular beams (\*\*)**

Item code 428215

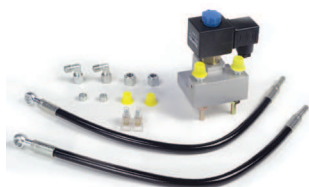
## ACCESSORIES FOR SPECIFIC USES



**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 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



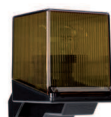
**Key-operated push-buttons**  
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**Photocells and Columns**  
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**Safety devices**  
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**Flashing lamps**  
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**Transmitters**  
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**Various accessories**  
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