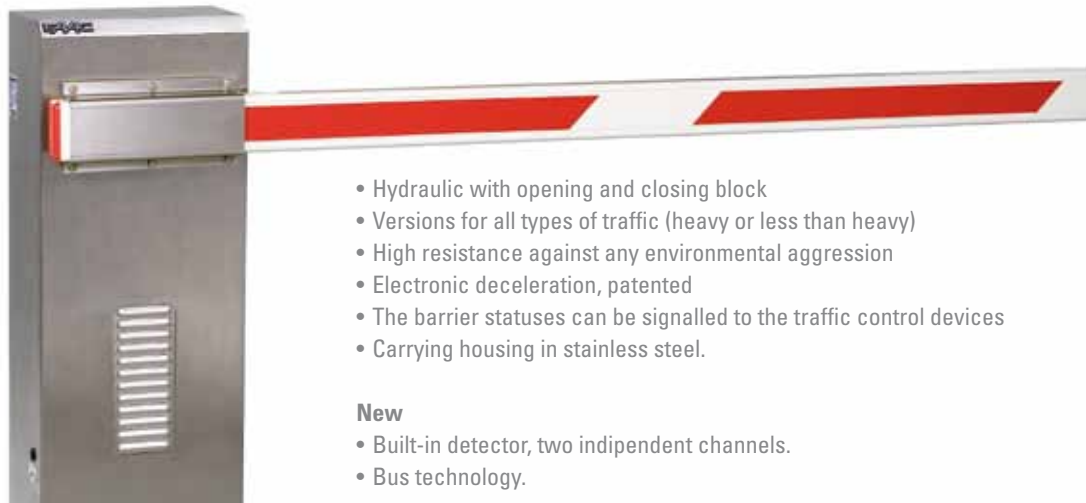


Automatic barrier for beams up to 7 m



- Hydraulic with opening and closing block
- Versions for all types of traffic (heavy or less than heavy)
- High resistance against any environmental aggression
- Electronic deceleration, patented
- The barrier statuses can be signalled to the traffic control devices
- Carrying housing in stainless steel.

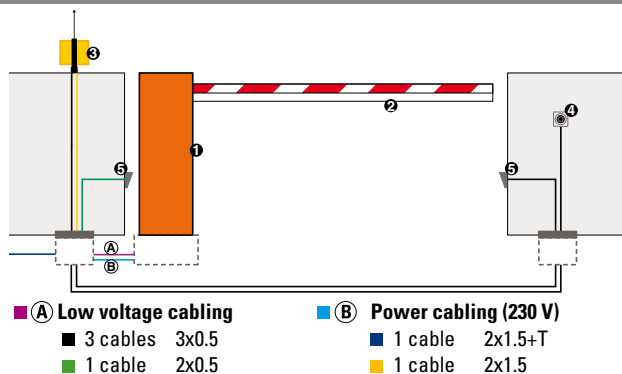
New

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

DIMENSIONS AND TECHNICAL SPECIFICATIONS OF 642 INOX

	642 STD / 40	642 R / 40	642 / 70
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 r.p.m.	1400 - 2800 r.p.m.	
Pump flow rate	0.75 l/min - 0.75-1 l/min	1.5 - 2 l/min	0.75 - 1 - 1.5 - 2 l/min
Thermal protection on motor winding	120 °C		
Effective torque	0 to 200 / 0 to 150 Nm	0 to 110 / 0 to 90 Nm	0 to 470 / 0 to 340 / 0 to 250 / 0 to 210 Nm
Deceleration	Adjustable with cams		
Operating ambient temperature	-20 °C to +55 °C		
Weight	76 kg		84 kg
Type of oil	FAAC HP OIL		
Carrying housing	INOX		
Protection class	IP 44		
Cooling	Forced air		
Type of beam	rectangular - rectangular with skirt - round - pivoting round	rectangular- round - pivoting round	rectangular - rectangular with skirt
Dimensions (L x D x H) in mm	345 x 200 x 1080		
Thrust capacitor	8 µ 400 V		

TYPICAL INSTALLATION EXAMPLE



N.B: Cable sections in mm²

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.

Ref.	Q.ty	Description	Item code	Price (euro)
①	1	642 Barrier body with built-in control unit 624 BLD	see following page	
	1	Fastening pocket for rectangular beam 640	428155	
	1	Foundation plate	490059	
	1	Support fork	722633	
②	1	Rigid beam 7 mt	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	
	2	Aluminium columns for FOTOSWITCH	401028	
⑤	1	Key-operated push-button T10	401010001/36	
	2	Foundation plates for columns	737630	
	1	Fork support plate	737621	
	1	Plastic container to be walled in	720086	
TOTAL				

642 Inox

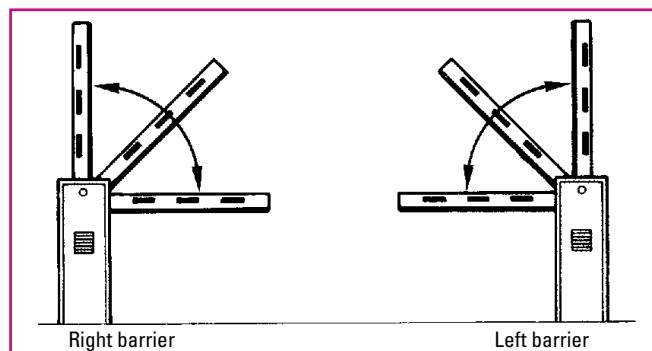
642 INOX

Model	Use			Control unit	Item code	Price (euro)
	Beam max. length (m)	Opening time (s)	Use frequency (%)			
642 std/40 LH / RH	3,815	3.5 (3 m) 4.5 (4 m)	70	built-in 624 BLD	See following table	
642 r/40 LH / RH	3,815	<2 (3 m)	100	built-in 624 BLD	See following table	
642 /70 LH / RH	7,000	<3 (4 m) 4 (5 m) 5.5 (6 m) 8 (7 m)	100	built-in 624 BLD	See following table	

The packages 642 include: barrier body, hydraulic drive transmission system complete with balancing spring - for rectangular / round / pivoting round beam max. 4 m (642 STD/40) - for rectangular / round / pivoting round beam max. 4 m (642 R/40) - for rectangular beam max. 7 m (642/70), installation accessories, a triangular release key.

ORDER CODES TABLE FOR BARRIER 642 INOX

Model	Beam profile	Beam length (mm)	LH version code	RH version code
642 STD/40	620 rectangular	1,315 to 2,055	10462681	10464681
		2,065 to 2,555	10462081	10464081
		2,565 to 3,055	10462781	10464781
		3,065 to 3,815	10462881	10464881
	620 rectangular with skirt	1,815 to 2,805	10462081	10464081
		2,815 to 3,555	10462181	10464181
		3,565 to 3,815	10462281	10464281
	620 round	1,500 to 2,740	10462681	10464681
		2,750 to 3,240	10462081	10464081
		3,250 to 4,000	10462781	10464781
	620 pivoting round	1,500 to 2,240	10462681	10464681
		2,250 to 2,740	10462081	10464081
2,750 to 3,000		10462781	10464781	
642 R/40	620 rectangular	1,315 to 2,055	10463281	10465281
		2,065 to 2,555	10463381	10465381
		2,565 to 3,055	10463481	10465481
		3,065 to 3,815	10463581	10465581
	620 round	1,500 to 2,740	10463281	10465281
		2,750 to 3,240	10463381	10465381
		3,250 to 4,000	10463481	10465481
	620 pivoting round	1,500 to 2,240	10463281	10465281
		2,250 to 2,740	10463381	10465381
		2,750 to 3,000	10463481	10465481
642 /70	640 rectangular	3,750 to 4,240	10468281	10466081
		4,250 to 5,240	10468381	10466181
		5,250 to 6,740	10468481	10466281
		6,750 to 7,000	10468581	10466381
	640 rectangular with skirt	3,750 to 4,740	10468981	10466881
		4,750 to 5,240	10469081	10466981
		5,250 to 5,740	10468581	10466381
		5,750 to 7,000	10469181	10467081



Notes

- You can determine right or left barrier body, by looking at the barrier from the door side (see drawing above). The door usually faces the inside of the property.
- A skirt kit and/or end foot cannot be installed on a round beam.
- The beam fastening pocket is not included in the case and must be ordered separately. Consult "Specific accessories".

CONTROL UNITS



Built-in control board 624 BLD
Technical specifications page 158

SPECIFIC ACCESSORIES



Foundation plate

Item code	490058
Price (euro)	



Additional triangular release key
(10 pcs package)

Item code	713002
Price (euro)	



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

Code from	424641 to 424676
Price (euro)	



Rectangular beams 620 (642/40)

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)	



Rectangular beam 640 (642/70)

Length	4,000 mm
Item code	428061
Price (euro)	
Length	5,000 mm
Item code	428062
Price (euro)	
Length	6,000 mm
Item code	428063
Price (euro)	
Length	7,000 mm
Item code	428064
Price (euro)	



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

Item code	4282431
Price (euro)	



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

Item code	4282441
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)	



Support fork for beams

Item code	722633
Price (euro)	



Fork support plate

Item code	737621
Price (euro)	



Key-operated push-buttons
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Flashing lamps
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Transmitters
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Various accessories
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642 Inox

SPECIFIC ACCESSORIES



Fastening pocket in stainless steel for rectangular beams (642/70)

Item code 428155
Price (euro)



Fastening pocket in stainless steel for round beams

Item code 428153
Price (euro)



Fastening pocket in stainless steel for pivoting round beams

Item code 428163
Price (euro)



Fastening pocket for rectangular beams (642/40)

Rectangular beams
Item code 428344
Price (euro)



Break out sensor for pivoting round beam

Item code 390828
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.
- (**) 642 STD/40 - 642/70 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.



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