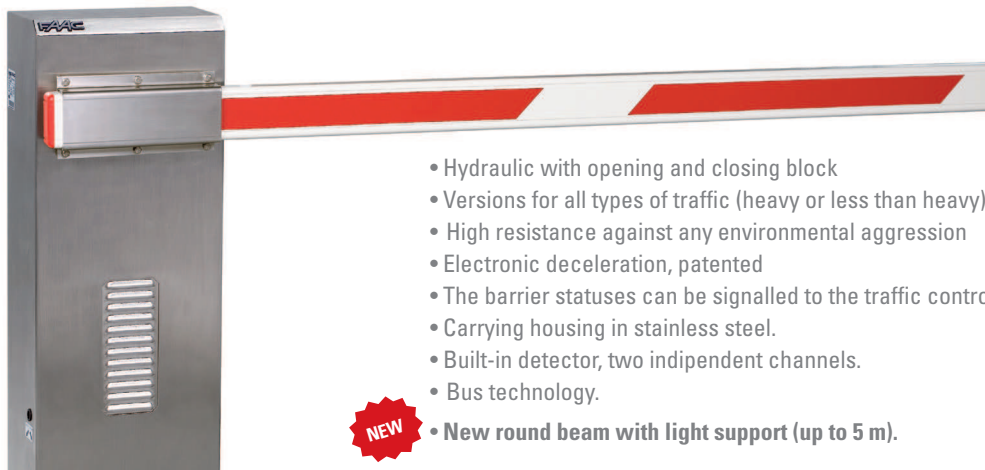


Automatic barrier

for beams up to 7 m



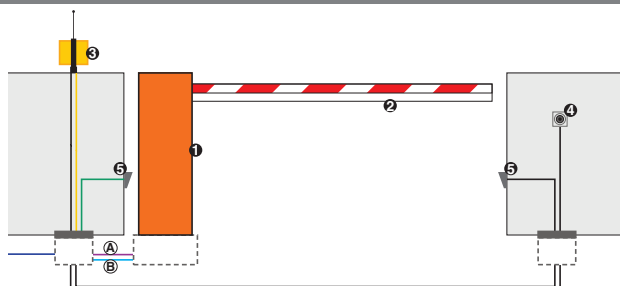
- Hydraulic with opening and closing block
- Versions for all types of traffic (heavy or less than heavy)
- High resistance against any environmental aggression
- Electronic deceleration, patented
- The barrier statuses can be signalled to the traffic control devices
- Carrying housing in stainless steel.
- Built-in detector, two independent channels.
- Bus technology.
- **New round beam with light support (up to 5 m).**



DIMENSIONS AND TECHNICAL SPECIFICATIONS 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÷110 / 0÷90 Nm	0÷470/0÷340/0÷250 /0÷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 - rect. with skirt - round - pivoting round - round S	rectangular - round pivoting round - round S	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



- **(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 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 of material	Item code
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 mm	428064
	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
	2	Aluminium columns for FOTOSWITCH	401028
4	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

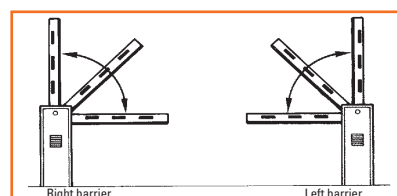
642 INOX

Model	Use			Control unit	Item code
	Beam max. length (m)	Opening time (s)	Use frequency (%)		
642 std/40 LH / RH	3.815	3,5 (3m) 4,5 (4m)	70	Built-in 624 BLD	See following table
642 r/40 LH / RH	3.815	<2 (3m)	100	Built-in 624 BLD	See following table
642 /70 LH / RH	7.000	<3 (4m) 4 (5m) 5,5 (6m) 8 (7m)	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 642 INOX RAPID BARRIER

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
	NEW 620 round S	0 to 2,300 mm	10462681	10464681
		2,310 to 2,800 mm	10462081	10464081
		2,810 to 3,300 mm	10462781	10464781
		3,310 to 3,800 mm	10462881	10464881
		3,810 to 4,300 mm	10462281	10464281
	NEW 620 round S with skirt	0 to 2,300 mm	10462681	10464681
		2,310 to 2,800 mm	10462081	10464081
		2,810 to 3,300 mm	10462181	10464181
		3,310 to 3,800 mm	10462281	10464281
		3,810 to 4,300 mm	10475081	10475081
	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
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
NEW 620 round S		0 to 2,300 mm	10463281	10465281
		2,310 to 2,800 mm	10463381	10465381
		2,810 to 3,300 mm	10463481	10465481
		3,310 to 3,800 mm	10463581	10465581
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

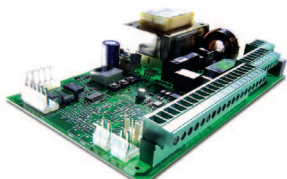


Notes

- You can determine right or left barrier version 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".

642 Inox

CONTROL UNITS



Built-in control board 624 BLD
Technical specifications page 150

SPECIFIC ACCESSORIES



Foundation plate

Item code 490059



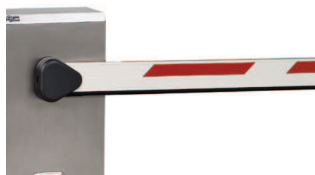
Additional triangular release key
(10 pcs package)

Item code 713002



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

Code from 424681 al 424716



620 rectangular beams (642/40)

Length	1,815 mm
Item code	428087
Length	2,315 mm
Item code	428088
Length	2,815 mm
Item code	428089
Length	3,815 mm
Item code	428090



640 rectangular beams (642/70)

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



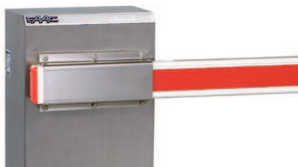
Round beams (while stocks last)

Length	2,500 mm
Item code	428078
Length	3,000 mm
Item code	428075
Length	4,000 mm
Item code	428079
Length	5,000 mm
Item code	428149



Pivoting round beams

Length	2,500 mm
Item code	428175
Length	3,000 mm
Item code	428176



Fastening INOX pocket
for rectangular beams (642/70)

Item code 428155



Fastening INOX pocket
for round beams (642/40)

Item code 428153



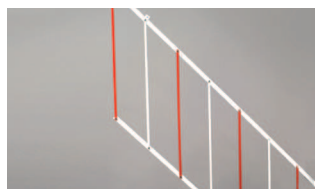
Fastening INOX pocket
for pivoting round beams (642/40)

Item code 428163



Fastening pocket
for rectangular beam (642/40)

Item code 428342



Skirt kit
(only for standard rectangular beams)

Length	2,000 mm
Item code	4282431
Length	3,000 mm
Item code	4282441



End foot for rectangular beams (*)

Item code 428215



Support fork for beams

Item code 722633

Fork support plate

Item code 737621

Break out sensor for pivoting round beams

Item code 390828

Notes

- (*) For correct balancing, installing a foot on a beam and on a beam with skirt, entails selecting a barrier housing for beam lengths of over 0.5 m.

NEW **ROUND BEAMS AND SPECIFIC ACCESSORIES - AVAILABLE STARTING MAY 2012**



Round beams S
(stickers not included)

Length	2.300 mm
Item code	428045
Length	3.300 mm
Item code	428042
Length	4.300 mm
Item code	428043



Fastening pocket for S 615/620 round beams
Item code 428445



End foot for S/L round beam ()**
Item code 428442



Support fork for S/L round beam
Item code 728487



Adjustment screw for S/L round beam support fork
Item code 728488



Reflective strip kit
Item code 490117



Kit for connecting S/L round beam lights (*)**
Item code 390992



Luminous cord package containing 11 m
Item code 390993

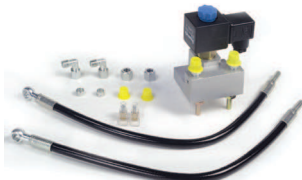
ACCESSORIES FOR SPECIFIC USES



2 m skirt kit for S/L round beam
Item code 428441



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 beam and on a beam with skirt, entails selecting a barrier housing for beam lengths of over 0.5 m.
- (***) For correct balancing, the installation of lights on a beam and on a beam with skirt, for lengths greater than 2,800 mm requires a barrier housing for beam lengths greater than 0.5 m. **N.B.** In case of beam with foot, consider 1 m (0.5 lights + 0.5 foot).

OTHER ACCESSORIES


Key-operated push-buttons
page 159


Photocells and Columns
page 163


Safety devices
page 166


Flashing lamps
page 167


Transmitters
page 156


Various accessories
page 168