

640

for beams up to 7 m



■ The right solution for large industrial accesses

With its length of 4 to 7 metres, the FAAC 640 range is ideal for traffic-control in large industrial accesses, with particularly demanding use.

■ Reliable and resistant

Use of cutting-edge materials and treatments such as cataphoresis and niproly, plus tried-and-tested FAAC hydraulic technology, all combine to ensure long-life.

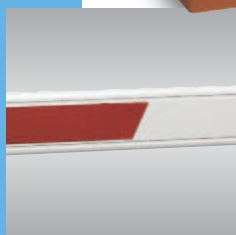
■ High-tech

SMT microprocessor electronic technology is supplied standard to ensure exceptional performance. By means of an optional card, the barrier can also control auxiliary services and an additional opposing beam. Barrier statuses can be signalled to traffic control devices.

■ Precise stopping

Perfectly calibrated stopping thanks to the adjustable electronic brake that slows down closing and opening movement.

A thermal probe detects temperature and activates a cooling fan.

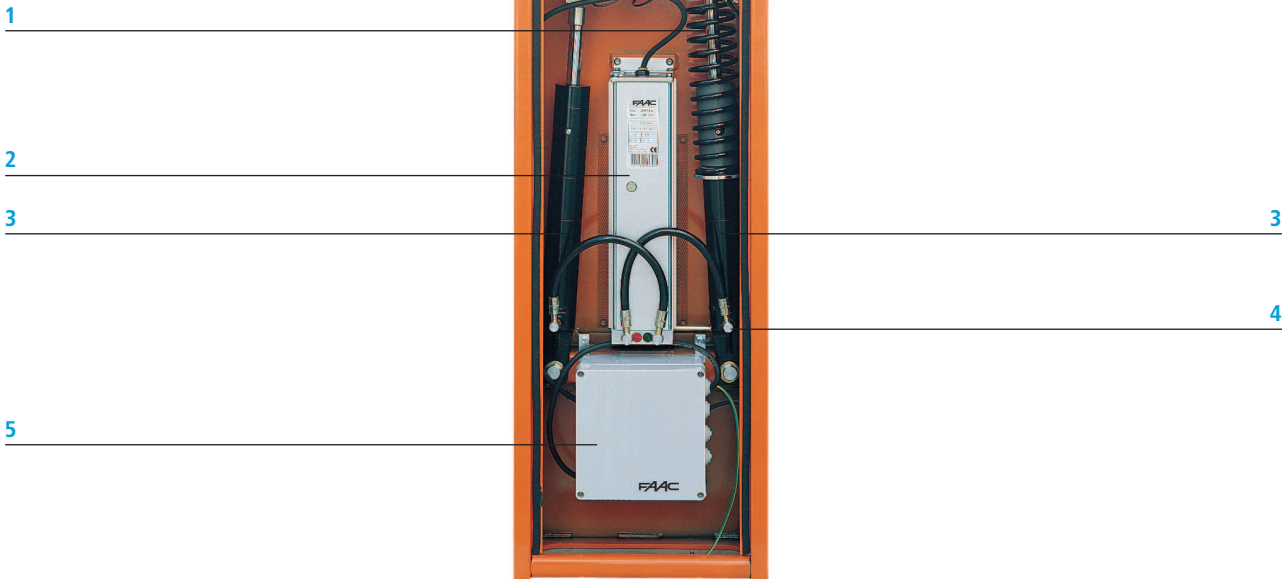


■ Beam

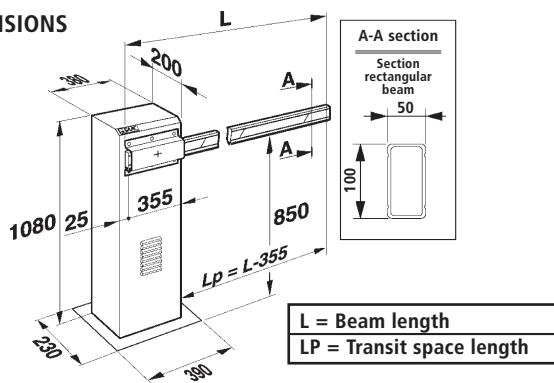
■ Self-supporting barrier body



- 1 Balancing spring
- 2 Hydraulic pump unit
- 3 Cylinders with plunger pistons
- 4 Release device by triangular key
- 5 624 MPS control board



DIMENSIONS



Values in mm

Technical characteristics of 624 MPS control board

Power supply	230 Vac (+6% -10%) 50 (60) Hz
Motor maximum load	300 W
Accessories output	24 Vdc 500 mA max
Operating ambient temperature	-20°C ÷ +55°C
Three protection fuses	0,25 A transformer - 5 A motor - 1,6 A accessories
Enclosure dimensions	174x178x102 mm (LxHxD)
Protection class	IP 55

SMT technology

Programmable functions: - Three function logics - A/E/P, Pause times, Pre-flashing, Electronic deceleration (short or long), Operation of indicator-light

Inputs signalling LED, alarm and limit-switch

Terminal board outputs - Indicator-light, flashing Lamp

Terminal board inputs - Open, stop, safety devices, anti-panic

Rapid connectors for: Motor, limit-switch, decoding cards/card receivers, optional cards

Reset push-button

Technical characteristics	640
Power supply	230 Vac (+6% -10%) 50 (60) Hz
Electric motor	Single-phase, bi-directional
Absorbed power	220 W
Absorbed current	1A
Motor rotation speed	1.400 - 2.800 rpm
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 ÷ +55°C
Weight	84 kg
Type of oil	FAAC HP OIL
Barrier body treatment	Cataphoresis
Paint	RAL 2004 polyester
Protection class	IP 44
Cooling	Forced air
Type of beam	rectangular, rectangular with skirt

Model	Use			Control board
	Beam max. length (m)	Opening time (s)	Use frequency (cycles/hour)	
640 LH/RH	7,00	4 (5m)	100	624 MPS built-in