

# FAAC



Fast acting Hydraulic barrier system for beams up to 5m.

## 620 Range

The **620 barrier system** is the ideal solution for heavy traffic flows. Standard, Rapid or Super Rapid versions provide solutions for the most demanding site.



Reliable. Affordable. Dependable.

# FAAC

...Leading the way.



Excellence in Automation

## 620 Range

### The 620 Range

#### Speed and Versatility

The 620 hydraulic barrier range is fast and reliable with a capability to support up to a 5m beam.  
 The 620 Standard with a duty cycle of 70% will support a 5m beam and bottom skirt with an opening/closing speed of 4 seconds.  
 The 620 Rapid offers a beam length of up to 4m with an opening/closing speed of 2 seconds.  
 The 620 Super Rapid will support a 3m beam and operate in 0.8 seconds.

#### Long Term Reliability

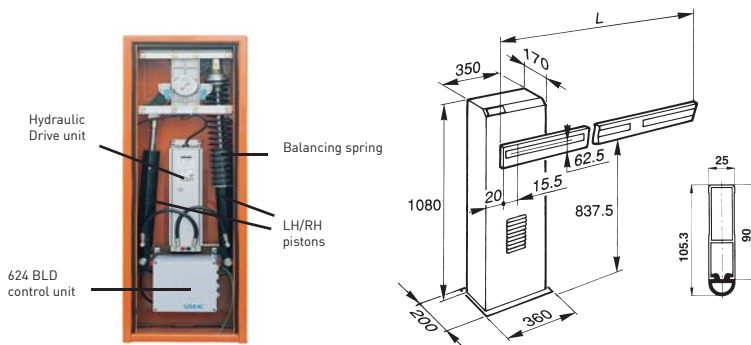
The 620 range is equipped with electronic slowdown at the end of the opening and closing cycle providing protection to the barrier mechanism.  
 The 620 range is also available in stainless steel to offer higher corrosion protection for the most demanding environment.  
 Use of cutting edge materials and treatments such as cataphoresis and niplay plus tried and tested FAAC hydraulic technology all combine to ensure long life.

#### Built in intelligence for increased flexibility

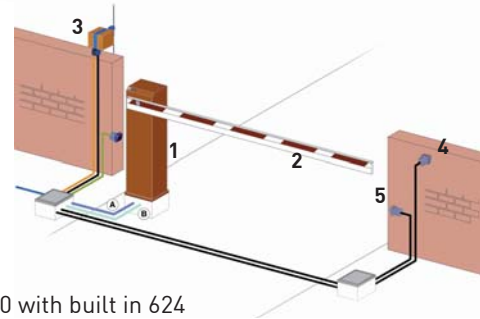
Whilst microprocessor control and surface mount technology are the standard, the 624 BLD is a fully programmable control board. There are 3 programming buttons with a 2-digit display on the control board, which allow the setting of parameters to achieve the required logics for operation. A master/slave configuration is programmed through the controls rather than adding any additional device.

**Known for the extensive range of high quality products and innovative manufacturing techniques, FAAC continue to engineer reliable, versatile, cutting edge automation systems, chosen for residential and commercial installations on a worldwide basis. Providing high quality automation systems for gates, barriers, doors, parking and access control products, FAAC is the leading brand in the automation market.**

## Interior and Dimensions



## Installation layout



1. FAAC 620 with built in 624 BLD control board
2. Beam
3. FAAC LIGHT
4. FAAC T10
5. FAAC FOTOSWITCH

Low voltage cabling		Power cabling (230V)	
A {	3 cables 3x 0.5	B {	1 cable 2x1.5+T
	1 cable 2x 0.5		1 cable 2x1.5
NB: Cable diameters in mm <sup>2</sup>			

## 620 Technical Specifications

<b>Power supply:</b>	230v +- 6%/-10% 50-60 Hz
<b>Electric Motor:</b>	Single phase, bi-directional
<b>Absorbed power:</b>	220W
<b>Current drawn:</b>	1A
<b>Motor winding thermal cutout:</b>	120°C
<b>Anti-crush system:</b>	hydraulic valves (by-pass)
<b>Duty cycle:</b>	620 Standard 70% rated 620 Rapid 100% rated 620 Super Rapid 100% rated
<b>Mechanical deceleration:</b>	adjustable
<b>Operating Temperature Range:</b>	-20°C + 70°C
<b>Weight:</b>	73Kg
<b>Oil type:</b>	FAAC HP OIL
<b>Barrier Opening Times:</b>	3.5 secs - 4.5 secs (Standard) 2 - 3 secs (Rapid) 0.8 secs (Super Rapid)
<b>Beam Length:</b>	standard up to 5m rapid up to 4 m super rapid up to 3m
<b>Casing anti corrosion treatment:</b>	cataphoresis
<b>Finish:</b>	polyester paint, RAL 2004
<b>Housing protection:</b>	IP55
<b>Cooling:</b>	Rapid and Super Rapid are fan cooled
<b>Articulated beam:</b>	Standard to 4m Rapid to 3m
<b>Optional accessories:</b>	- beam articulated kit - skirt kit - fork support - automatic release solenoid valve - anti vandal valve

