

FAAC



Hydraulic underground swing gate automation

750 Range

The 750 range is a hydraulic underground automation system with separate pump and drive unit, suitable for gates weighing up to 800kgs



Reliable. Affordable. Dependable.

FAAC

...Leading the way.



Excellence in Automation

750 Range

Flexibility of system

The FAAC 750 system is designed for gate leaves up to 3.5 metres in width and 800 kgs in weight. The hydraulic pump is available with or without hydraulic locking in open and closed position. The system is discreet, quiet, powerful and efficient.

The standard version has the gate sitting on the drive unit which acts as the bottom hinge for the gate. The CP version has a load bearing foundation box that supports the gate and the drive unit is simply fitted into the box. This enables easy access for service and maintenance.

Security and Safety

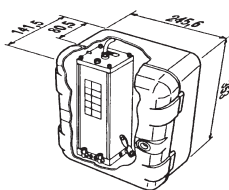
Our hydraulic lock system allows the gates to be held open or closed whilst anti-intrusion security is ensured by the addition of electric or magnetic locks. At the same time sensitive by-pass valves in the hydraulic system ensure the maximum anti-crushing safety - with a simple manual override on the pump unit that can be housed in a secure enclosure on the inside of the property.

High power and quiet efficiency

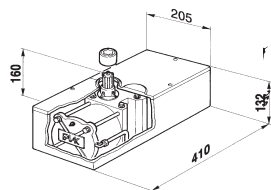
The 750 range is designed for gates up to 800kg per leaf, with hydraulic systems that offer super quiet operation with the added benefits of low electricity consumption, reliable under all atmospheric conditions, and at external temperatures from -20°C to +55°C. The 750 system is weatherproofed to provide additional protection against corrosion.

Known for its 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.

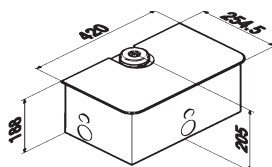
Dimensions



750 pump

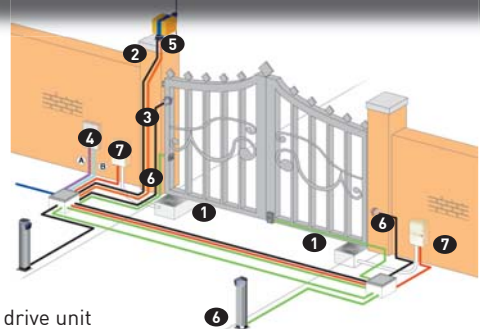


750 drive unit & foundation box



750 CP Foundation box

Installation layout



1. FAAC 750 drive unit
2. FAAC LIGHT
3. Access control device
4. Control board
5. Radio Receiver
6. Photocells
7. Hydraulic 750 pump

Low voltage cabling		Power cabling (230V)	
A	4 cables 4x 0.5 2 cables 2x 0.5	B	2 cables 3x1.5+E 1 cable 2x1.5+E 1 cable 2x1.5
NB: Cable diameters in mm ²			

750 Technical Specifications

	750 CBAC	750 SB
Power supply:	230 Vac (+6% - 10%) 50 (60) Hz	
Absorbed power:	220 W	
Absorbed current:	1A	
Motor rotation speed:	1400 rpm	
Pump flow rate:	0.75 l/min	
Hydraulic locking:	Yes	No
Operating ambient temperature:	-40°C to +55°C	
Protection class:	IP55	
Thermal protection on motor winding:	120°C	
Weight:	7kg	
Type of oil:	FAAC HP Oil	

Model	Use			
	Single leaf max length (M)	Single leaf max weight (Kg)	No. of leaves	Use frequency (cycles/hour)
pump unit 750 CBAC	1.8	-	1	45
pump unit 750 SB	3.5	-	1	45
100° opening jack	-	800	1	-
180° opening jack	-	800	1	-

Technical specifications of hydraulic jack	100° Opening	180° Opening
Rotation maximum angle	118°	200°
Effective torque	543 Nm	
Operating speed	90° angle - 11.5s	
Protection class	IP67	

Technical specifications of Casing

In steel with cataphoresis treatment

Cover in stainless steel

Splined bush

