

# FAAC



## Underground swing gate automation

**770** Range

The 770 electromechanical underground swing gate system is available in 230 V or 24 V and is suitable for gates weighing 500kgs with a width of 2.5 metres per leaf.



**Reliable. Affordable. Dependable.**

# FAAC

...Leading the way.



Excellence in Automation

## 770 Range

### Versatility

The FAAC 770 electromechanical underground system is available in 230 volt and 24 volt versions. It will automate gate leaves of 500kg and 2.5 metres in width, is self locking and equipped with a simple to operate lever style manual release mechanism secured with a key.

### Foundation box

The foundation box, into which the automation is fitted, is made of steel with a special cathaphoresis treatment and acts as the load bearing bottom hinge for the gate. Adjustable opening and closing stop devices can be fitted to the box, as accessories, to determine the extent of opening which avoids the need for physical stop points in the ground. The foundation box is finished off with a stainless steel lid.

### Protection in movement

A corrosion-proof coating that is highly resistant to atmospheric agents combined with total waterproofing and IP67 protection of the operator fully enhance the durability and safety for which FAAC electro-mechanical technology is renowned.

### Constant Safety

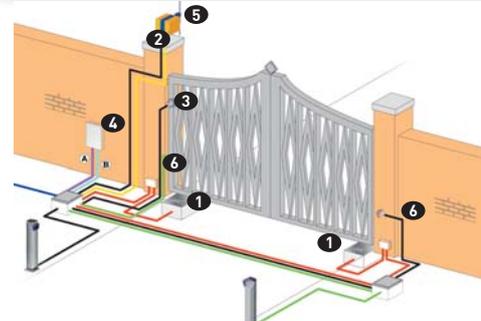
Anti-crushing safety is ensured by an electronic device which adjusts the drive torque directly.

### Maximum service, minimum maintenance

Maintenance has been reduced and made easier with the ability to access the operator without removing the gate. Additionally, electricity consumption is minimised by the system's outstanding mechanical efficiency.

**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.**

## Installation layout

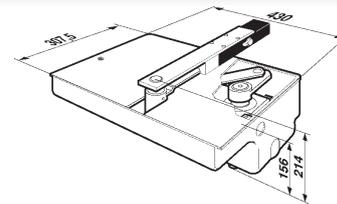


1. FAAC 770 operator
2. FAAC LIGHT
3. Access control device
4. Control board
5. Radio Receiver
6. Photocells

Low voltage cabling		Power cabling (230V)	
A	4 cables 3x 0.5 2 cables 2x 0.5	B	2 cables 3x 1.5+T 1 cable 2x 1.5+T 1 cable 2x 1.5

NB: Cable diameters in mm<sup>2</sup>

## Dimensions



## 770 Technical Specifications

	770 230V	770 24 Vdc
Power supply to board:	230 Vac (+6% - 10%) 50 (60) Hz	
Electric motor:	single-phase, bi-directional	24 Vdc
Thermal protection on motor winding:	140°C	
Motor rotation speed:	1450 rpm	
Absorbed power:	380 W	70 W
Absorbed current:	1.7A	2.9A
Torque:	0 to 330 Nm	
Speed of operation:	90° angle - 15s	
Operating ambient temperature:	-20°C to +55°C	
Weight:	14 kg	
Leaf opening max angle:	110° (140° and 180° with optional kit)	
Deceleration:	Programmable	
Protection class:	IP 67	

### Technical Specifications of Casing

In steel with cathaphoresis treatment

Cover in stainless steel

Leaf support bracket with key-operated lever release system

