

750

Concealed operating specification.

750 – Style and Strength

The 750 system has an underground foundation box on which the gate is mounted and this acts as the lower hinge of the gate. The hydraulic drive unit is simply bolted into position and connected to the pump unit which is mounted in a convenient position close to the gate. There is no detrimental appearance to the gate.

750 – Maximum Security and Safety

FAAC's high strength hydraulic lock system offers exceptional anti-intrusion security. At the same time sensitive by-pass valves in the hydraulic system ensure maximum anti-crushing safety - with a simple manual override facility in the event of an emergency.

750 – 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 extreme temperatures from -20°C to +70°C, the 750 system is weatherproofed to provide additional protection against corrosion.

FAAC – Simply the World's Best Welcome

World leaders for over 30 years, FAAC offer the total reassurance of the highest quality gate operating systems backed with a national network of qualified installers. Each of our systems is designed to meet on-going demands of usage with the highest level of reliability and the minimum maintenance support.

INSTALLATION LAYOUT

- A. Hydraulic Pump Unit
- B. Drive Unit
- C. FAAC LAMP, MINILAMP
- D. Radio receiver
- E. Control devices: flush mounting T10 and T11, external T20 and T21, FAAC SWITCH, METALDIGIKEY, DIGICARD
- F. 450 MPS, 460 P control unit
- G. Photocells: flush mounting FOTOSWITCH, surface mounting PHOTOBAM



CONTROL BOARDS



FAACOTUM programmer

450 MPS Technical Specifications

Power supply
230 V ~ (+6% - 10%) 50 Hz
Absorbed power: 10 W
Max. motor load: 800 W
Max. accessories load: 0.5 A
Max. electric lock load: 12 VA
Temperature range: -20°C - +55°C
Fuses
Motors power supply/Accessories power supply/Logic power supply
Operations logics
Automatic/Semi-automatic/Safety/Dead-man button/Step-by-step semi-automatic

460 P Technical Specifications

Programmable control board using FAACOTUM programmer, featuring slowdown cycle counter and diagnostics.
Power supply
230 V ~ (+6% - 10%) 50 Hz
Absorbed power: 35 W
Max. motor load: 800 W
Max. accessories load: 0.5 A
Accessories
MEL 1 Single electric lock control module
MEL 2 Double electric lock control module
ME I Input expansion module
Gatecoder: Tracking device providing anti-crushing facility.
Temperature range: -20°C - +55°C
Fuses
Motors power supply/Accessories power supply/Logic power supply.
Operations logics
Automatic/Semi-automatic/Safety/Dead-man button/Step-by-step semi-automatic.

TECHNICAL SPECIFICATION

HYDRAULIC PUMP UNIT

Power supply
230V~+6%/-10% 50-60 Hz
Absorbed power
220W
Motor speed
1450 or 960 rpm
Pump Delivery
0.75 - 0.5l/min
Duty Cycle
max. 55cycles/hours

Operating temperature range
-20°C to +70°C
Motor winding thermal cutout
120°C
Weight
13kg
Oil type
FAAC oil XD220

HYDRAULIC DRIVE UNIT

Maximum angle of rotation
118° - 200°
Delivered torque
460Nm
Angular speed
5.2°/sec or 7.8°/sec
Weight
13kg



FAAC®

Simply the world's best welcome.
And that's a FAAC.

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