

750 CP

Underground hydraulic operator for residential and condominium swing-leaf gates with single-leaf max weight of 800 kg.

- Invisible, quiet operator, consisting of one underground unit and a control unit
- The ideal solution for large antique doors of artistic significance, leaves up to 3.5 m
- Facilitated installation thanks to the carrier case
- Maximum anti-crushing safety thanks to an exclusive hydraulic device.



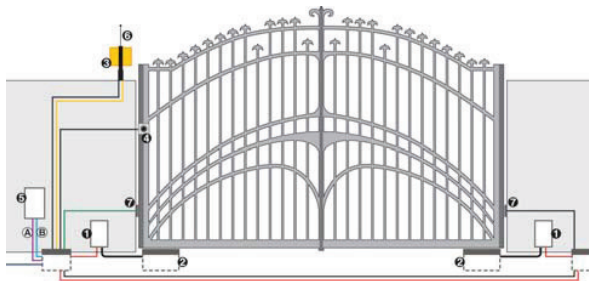
DIMENSIONS AND TECHNICAL SPECIFICATIONS OF 750 CP

	750 CBAC	750 SB	750 SBS
Power supply voltage	230 Vac (+6% -10%) 50 (60) Hz		
Absorbed power	220 W		
Absorbed current	1 A		
Motor rotation speed	1400 r.p.m.		960 r.p.m.
Pump flow rate	0.75 l/min		0.5 l/min
Operating ambient temperature	-20°C - +55°C		
Protection class	IP 55		
Thermal protection on motor winding	120°C		
Weight	7 kg		
Type of oil	FAAC HP OIL		
Dimensions (L x D x H) in mm	carrier case 420 x 254.5 x 205 mm - control unit 353 x 245.6 x 141.5 mm		

TECHNICAL SPECIFICATIONS HYDRAULIC JACK

	100° Opening	180° Opening
Rotation maximum angle	118°	200°
Effective torque	272 Nm (750 SBS)	543 Nm (750 CBAC -SB)
Angle speed	5.2°/s (750 SBS) - 7.8°/s (750 CBAC -SB)	
Protection class	IP 67	

EXAMPLE OF A TYPICAL INSTALLATION



- (A) Low voltage cabling
- 3 cables 3x0.5
 - 1 cable 2x0.5

- (B) Power cabling (230V)
- 2 cables 3x1.5+T
 - 1 cable 2x1.5+T
 - 1 cable 2x1.5

N.B: Cable diameters in mm

Ref. Qty	Description of material	Item code	Price (euro)	Kit
①	2 Control units 750 CBAC	107720		Not available
	2 Enclosures mod. LM	720309		
②	2 100° opening jacks w/box	108759		
	2 Carrier cases	490071		
	2 kg. Copper pipe	7365011		
	1 Control board 452 MPS	790916		
⑤	1 Enclosure mod. L	720118		
	1 Receiver 433 / 868			
	1 Transmitter 433 / 868			
③	1 Flashing lamp FAACLIGHT	410013		
⑦	1 Pair of photocells			
④	1 Key-operated push-button T10 E	401019001/35		

Notes

ATTENTION: The configuration does not include the safety devices (i.e.: active or passive safety edges) that are to be determined according to the specific "risk analysis" of each installation (Ref.: UNI-EN 12445 and 12453 European Standards).

- The indicated price does not include the installation costs and the expenses for masonry, electrical and metalwork preparations.

750 CP

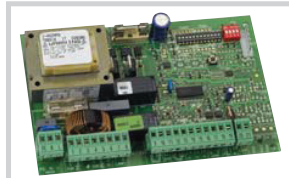
Model	Use				Control unit	Item code	Price (euro)
	Single-leaf max. length (m)	Single-leaf max. weight (kg)	Number of leaves	Use frequency (cycles/hour)			
Control unit 750 CBAC	1.80	/	1	45	Not included	107720	
Control unit 750 SB	2.50	/	1	45	Not included	107721	
Control unit 750 SBS	3.50	/	1	30	Not included	107724	
Jack CP 100°	/	800	1	/	Not included	108759	
Jack CP 180°	/	800	1	/	Not included	108760	

The jack packages include: a hydraulic jack, oil bottle to fill the pipes.

The packages for the 750 control units include a hydraulic control unit with hydraulic block at opening/closing (750 CBAQ, without block 750 SB), without block for leaves up to 3.5 m (750 SBS), and a thrust capacitor 8- μ F 400V.

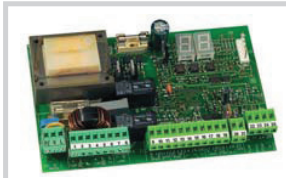
The carrier case package includes: a carrier case in steel, a cover in stainless steel, a grooved bush, and installation accessories.

CONTROL UNITS



Control board 452 MPS
Technical specifications see Electronics and Accessories

Item code 790916
Price (euro)



Control board 455 D
Technical specifications see Electronics and Accessories

Item code 790917
Price (euro)



Enclosure mod. L

Item code 720118
Price (euro)



Enclosure mod. E

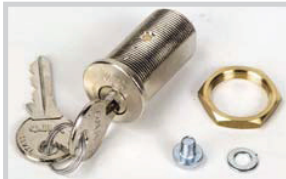
Item code 720119
Price (euro)

SPECIFIC ACCESSORIES



Enclosure mod. LM for control unit 750

Item code 720309
Price (euro)



Coded-key lock (for control unit enclosure)

Item code 712805
Price (euro)



Ø 6x8 mm copper pipe (20 kg coils - 1 kg corresponds to about 5 m)

Item code 7365011
Price (euro)



Gatecoder slow-down kit
Technical specifications see Electronics and Accessories

Item code 104485
Price (euro)



Carrier case

Item code 490071
Price (euro)



Complete unions (packg. of 4 and packg. of 40)

4 unions code 390421
Price (euro)
40 unions code 390440
Price (euro)



Hose composed of 10 mm and coil of 100 m - Ø 4x8 mm

10 m pipe code 390422
Price (euro)
100 m coil code 390439
Price (euro)

Notes

- IMPORTANT: The CP jacks must be supplied with a carrier case.
- An electric lock should be installed for control units without a block facility.
- The operator with block facility is not recommended when there is no access to the manual release device (panelled leaves or no other access to the property).
- You'll need the following for a two-leaf gate: two control units, two Mod. LM enclosures, two carrier cases, two jacks CP, an electronic control unit and, if necessary, an electric lock.

OTHER ACCESSORIES



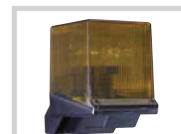
Key-operated push-buttons see Electronics and Accessories



Photocells and Columns see Electronics and Accessories



Safety devices see Electronics and Accessories



Flashing lamps see Electronics and Accessories



Transmitters see Electronics and Accessories



Various accessories see Electronics and Accessories