

## Underground hydraulic operator 24V for residential and condominium swing-leaf gates with single-leaf width 4 m and max weight of 800 kg

- Continuous use frequency
- Integrated magnetic encoder with bus "2Easy" (non polarized two wire connection). **FAAC PATENT.**
- Thanks to the positive stops integrated, there is no need to install opening and closing mechanical stops on the ground. **FAAC PATENT.**
- Hybrid technology.
- Service release device.
- Easier handling and installation thanks to the integrated handles. **FAAC PATENT.**

- **SBW actuators for use in areas subject to strong winds.**



**SAFEZONE System:**  
S800H + E024S or E124



**GREENTECH System:**  
S800H + E124

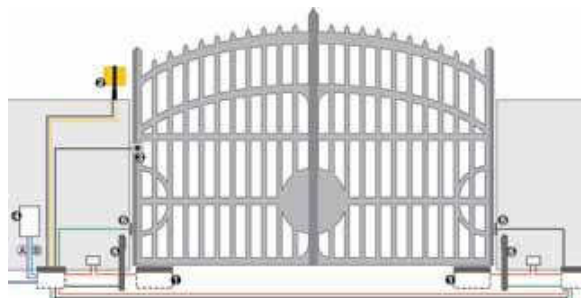


### DIMENSIONS AND TECHNICAL SPECIFICATIONS OF S 800 H

	S 800 H CBAC	S 800 H SB / SBW
Power supply		230 Vac
Electric motor		24 Vdc
Absorbed power		60 W (*)
Max. torque	500 Nm (with E024S control board) - 600 Nm (with E124 control board)	
Angle speed max	5.5°/s (with E024S control board) - 8.2°/s (with E124 control board)	
Operating ambient temperature	-20 °C to +55 °C	
Operator weight	13.2 kg/17.0 kg (180°)	
Type of oil	FAAC HP OIL	
Max opening angle	113°	187°
Protection class	IP 67	
Type of slow down	electronic	
Leaf max width	2 m	4 m
Frequency of use	continuous use	
Hydraulic block	installed	not installed

(\*) for each single operator.

### EXAMPLE OF A TYPICAL INSTALLATION



#### ■ (A) Low voltage cabling

- 3 cables 3x0.50
- 1 cable 2x0.50

#### ■ (B) Power cabling (230 V)

- 2 cables 3x1.50+T
- 1 cable 2x1.5+T
- 1 cable 2x1.5

N.B.: Cable sections in mm²

Ref.	Q.ty	Description	Item code
①	2	Operators S 800 H CBAC 100°	108710
	2	Carrier cases S 800 H	490112
	2	Hydraulic release device	390035
	2	Grooved Joint kit	390972
	1	Control unit E024S	790286
④	1	Receiver XF 433	319006
	1	Two-channel transmitter XT2 433 SLH LR	787007
	1	Flashing lamp FAACLIGHT 24 Vdc	410014
②	2	Pair of photocells XP 15 B	785149
⑤	2	Aluminium columns for XP 15 B	401039
	2	Foundation plates for columns	737637
③	1	Key-operated push-button T10	401010001/36

#### Notes

**IMPORTANT:** 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.

## S 800 H

Model	Use			Control unit	Item code
	Single-leaf max. width (m)	Max. weight (kg)	Use frequency (cycles/hour)		
S 800 H CBAC 100°	2.00	800	Continuous use	Not included	108710
S 800 H CBAC 180°	2.00	800	Continuous use	Not included	108712
S 800 H SB 100°	4.00	800	Continuous use	Not included	108711
S 800 H SB 180°	4.00	800	Continuous use	Not included	108713
S 800 H SBW 100°	4.00	800	Continuous use	Not included	108714
S 800 H SBW 180°	4.00	800	Continuous use	Not included	108715

**The packages contain:** a hydraulic operator with hydraulic block at opening/closing (CBAC) without block (SB), a magnetic encoder, release and setting key.  
**The carrier case package includes:** a carrier case in cataphoresis treated aluminium with anti-rotation pin, a cover in polished stainless steel.

### CONTROL UNITS



**Control unit E024S**  
 Technical specifications page 147

Item code 790286



**Control unit E 124**  
 Technical specifications page 148

Item code 790284

**Emergency battery support kit \***  
 (only for E124)

Item code 390926

### SPECIFIC ACCESSORIES



**Carrier case**

Item code 490112



**Stainless steel carrier case**

Item code 490113



**Lever release system for CBAC or SBW operators\***

Item code 390878



**NEW\*\* Hydraulic release system (to be used with 390972) for CBAC or SBW operators**

Item code 390035



**Grooved joint kit not to be used with 390035 (until sold out)**

Item code 390887



**NEW Grooved joint kit (\*) (to be used with code 390035)**

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#### \*\*UNLOCKING/COUPLING CONFIGURATION:

- For CBAC or SBW operators: lever release system (390878) or hydraulic release system (390035) + grooved joint kit (390972).
- For SB operators: grooved joint kit (390972).

**Release lock with customised key from no. 1 to no. 36**

Item code 712501001 to 712501036

**Receiving-transmitting module X-COM**

Item code 787150

**Emergency battery kit XBAT 24 (not for E 124)**

Item code 390923

**Release lock with customised key from no.1 to no. 36 for hydraulic release**

Item code 71209101 to 71209136

**X-COM BOX module**

Item code 790061

**BUS XIB interface (if E024S board is used with non-BUS photocell)**

Item code 790062

#### Note

- (\*) The 2 standard Pb batteries are not supplied by FAAC and must have 12V/4Ah – 90x70x108 mm voltage/current

### OTHER ACCESSORIES



**Key-operated push-buttons**  
 page 166



**Photocells and Columns**  
 page 171



**Safety devices**  
 page 173



**Flashing lamps**  
 page 174



**Transmitters**  
 page 160



**Various accessories**  
 page 175