

24V

# S800H ENC

Underground hydraulic operator for swing-leaf gates

**FAAC**  
*Simply automatic.*

# S800H ENC 24V

24V underground hydraulic operator for residential and condominium gates with leaves weighing up to 800 kg and 4 m in length.

Available for opening angles of: 100° - 180°.



## HYbrid Technology

Continuous use

Load-bearing steel housing

Built-in positive stops **(FAAC PATENT)**

Integrated handles for easy handling **(FAAC PATENT)**

Built-in BUS 2easy absolute magnetic encoder

Speed adjustment

Battery operation in the event of mains power failure

Anti-crushing sensitivity adjustment



## HYBRID CORE

The combination of FAAC hydraulic technology with the 24Vdc motor makes the S800H ENC a strong, reliable, high-performance operator, suitable for high transit applications. It can also be battery operated in the case of mains power failure.



## BUILT-IN POSITIVE STOPS

The adjustable built-in positive stops enable the opening and closing stop positions to be set. **(FAAC PATENT)**



## BUS 2EASY ABSOLUTE MAGNETIC ENCODER

Anti-crushing safety and the reverse on obstacle detection function are guaranteed by an integrated BUS2easy absolute encoder (connected using only two non-polarised cables). In the event of a power failure, the absolute encoder will memorise the position of the leaf wherever it stops.



## HYDRAULIC RELEASE SYSTEM

The release system can be operated from inside or outside the property using a coded key.



## LOAD-BEARING STEEL HOUSING

Installation and maintenance is made easier by the use of a bearing housing that supports the gate. Available with cataphoresis treatment (possible to weld to pillars) or in stainless steel.



## INTEGRATED HANDLES

Two integrated handles make it easy to handle the operator during installation and maintenance. **(FAAC PATENT)**



## DIMENSIONS AND TECHNICAL SPECIFICATIONS

MODEL	S800H ENC CBAC	S800H ENC SBW
Power supply	220-240V ~ 50/60Hz	
Electric motor	24 V	
Max power	60 W	
Max torque	500 Nm (with E024S control board) / 600 Nm (with E124 control board)	
Max angular speed	5,5°/s (with E024S control board) / 8,2°/s (with E124 control board)	
Operating temperature	-20°C ÷ +55°C	
Weight	14,0 kg (100°) / 15,0 kg (180°)	
Control boards	E024S or E124 (not included)	
Oil type	FAAC HP OIL	
Max opening angle	113° (S800H ENC 100°) / 187° (S800H ENC 180°)	
Protection class	IP 67	
Deceleration type	electronic	
Max leaf width	2 m	4 m
Frequency of use	continuous	
Hydraulic lock	present	not present
Max leaf weight	800 Kg	

2easy

HYbrid

omni  
DEC

CE



FAAC

## HEADQUARTERS

### ITALY

FAAC S.p.A. - Soc. Unipersonale  
Via Calari 10 - 40069 Zola Predosa (BO)  
Tel. +39 051 61724 - Fax +39 051 758518  
it.info@faacgroup.com - www.faacgroup.com

## SUBSIDIARIES

### ASIA - PACIFIC

FAAC MALAYSIA  
Selangor, Malaysia  
tel. +60 3 5123 0033  
www.faac.international

### AUSTRALIA

FAAC AUSTRALIA PTY LTD  
Homebush – Sydney, Australia  
tel. +61 2 87565644  
www.faac.com.au

### AUSTRIA

FAAC GMBH  
Salzburg, Austria  
tel. +43 662 85333950  
www.faac.at

FAAC BV - TUBULAR MOTORS  
Doetinchem, The Netherlands  
tel. +49 30 5679 6645  
faacbv.info@faacgroup.com  
www.faac-tubularmotors.com

### BENELUX

FAAC BENELUX NV/SA  
Brugge, Belgium  
tel. +32 50 320202  
www.faacbenelux.com

FAAC BV  
Doetinchem, The Netherlands  
tel. +31 314 369911  
faacbv.info@faacgroup.com  
www.faacbv.com

### BRAZIL

INDÚSTRIAS ROSSI ELETROMECAÂNICA SA  
Brasília DF, Brazil  
tel. +55 61 33998787  
www.rossiportoes.com.br

### CHINA

FAAC SHANGHAI  
Shanghai, China  
tel. +86 21 68182970  
www.faacgroup.cn

### FRANCE

FAAC FRANCE  
Saint Priest - Lyon, France  
tel. +33 4 72213020  
www.faac.fr

FAAC FRANCE - AGENCE PARIS  
Massy - Paris, France  
tel. +33 4 72213020  
www.faac.fr

FAAC FRANCE - DEPARTEMENT VOLETS  
Saint Denis de Pile - Bordeaux, France  
tel. +33 5 57551890  
www.faac.fr

### GERMANY

FAAC GMBH  
Freilassing, Germany  
tel. +49 8654 49810  
www.faac.de

FAAC BV - TUBULAR MOTORS  
Doetinchem, The Netherlands  
tel. +49 30 5679 6645  
faacbv.info@faacgroup.com  
www.faac-tubularmotors.com

### INDIA

FAAC INDIA PVT. LTD  
Noida – Delhi, India  
tel. +91 120 3934100/4199  
www.faacindia.com

### IRELAND

NATIONAL AUTOMATION LTD  
Co. Roscommon, Ireland  
tel. +353 71 9663893  
www.nal.ie

### MIDDLE EAST

FAAC MIDDLE EAST FZE  
Dubai Silicon Oasis Operation Center - Dubai, UAE  
tel. + 971 4 3724190  
www.faac.ae

### POLAND

FAAC POLSKA SPZO.O  
Warszawa, Poland  
tel. +48 22 8141422  
fax +48 22 8142024  
www.faac.pl

### RUSSIA

FAAC RUSSIA  
Moscow, Russia  
tel. +7 (495) 646 24 29  
www.faac.ru

### SCANDINAVIA

FAAC NORDIC AB  
Perstorp, Sweden  
tel. +46 435 779500  
www.faac.se

### SOUTH AFRICA

CENTURION SYSTEMS PTY LTD  
2162 Johannesburg  
tel. +27 11 699 2400  
www.centsys.co.za

### SPAIN

CLEM, S.A.U.  
San Sebastián de los Reyes - Madrid, Spain  
tel. +34 91 3581110  
www.faac.es

### SWITZERLAND

FAAC AG  
Altdorf, Switzerland  
tel. +41 41 8713440  
www.faac.ch

### TURKEY

FAAC OTOMATİK GEÇİŞ SİSTEMLERİ  
SAN. VE TİC. LTD. SİRKETİ  
İstanbul, Turkey  
tel. +90 (0)212 - 3431311  
www.faac.com.tr

### UNITED KINGDOM

FAAC UK LTD.  
Basingstoke Hampshire, UK  
tel. +44 1256 318100  
www.faac.co.uk

### U.S.A.

FAAC INTERNATIONAL INC  
Rockledge, FL - U.S.A.  
tel. +1 866 925 3222  
www.faacusa.com

FAAC INTERNATIONAL INC  
Fullerton, California - U.S.A.  
tel. +1 714 446 9800  
www.faacusa.com

**FAAC**  
Simply automatic.

FAAC S.p.A. - Soc. Unipersonale  
Via Calari 10 - 40069 Zola Predosa (BO)  
Tel. +39 051 61724 - Fax +39 051 758518  
it.info@faacgroup.com - www.faac.it

