



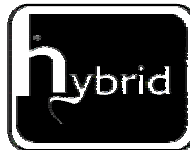
Circular to Distributors and Partners

Zola Predosa, September 2007

RE: UNDERGROUND LOW VOLTAGE AUTOMATED SYSTEM FOR "S 700 H" SWING-LEAF GATES

Please note that as from **OCTOBER** we shall begin production of the new S 700 H automated system.

S 700 H confirms FAAC's technological supremacy on the gate automated system market, thanks to the creation of this innovative project.



which integrates the advantages of a low voltage electric motor with those of an operator using hydraulic technology. FAAC therefore offers its customers a product unequalled on the market. This product guarantees strength, and high performance in terms of force, long term reliability, low noise, and speed control which brings with it the management of slow downs and an anti-crushing safety device to install in line with EN standards.

DESCRIPTION AND GENERAL SPECIFICATIONS

We enclose the product launch brochure. All the instructions can already be downloaded on our site, to see them just click over the following link

[http://www.faac.it/index.php?id=172&no_cache=1&tx_danpdocumentdirs_pi2\[mode\]=1&tx_danpdocumentdirs_pi2\[folder\]=21186;](http://www.faac.it/index.php?id=172&no_cache=1&tx_danpdocumentdirs_pi2[mode]=1&tx_danpdocumentdirs_pi2[folder]=21186)

However, below we shall repeat the features of this new automated system.

PRODUCT RANGE

Hydraulic operator S 700 H

The operator consists of an activation unit, which includes a jack, a hydraulic control unit and an integrated magnetic encoder.



Available models

S 700 H CBAC 110° (max leaf length 2m - max opening 110°)

S 700 H CBAC 180° (max leaf length 2m - max opening 180°)

S 700 H SB 110° (max leaf length 4m - max opening 110°)

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S 700 H SB 180° (max leaf length 4m - max opening 180°)

Technical specifications

- ✓ Continuous use frequency
- ✓ Max transmission torque 575 Nm
- ✓ Electric motor 24 V
- ✓ Protection class IP67
- ✓ HYBRID Technology - **FAAC PATENT!**
- ✓ Integrated "2EASY" bus magnetic encoder (connected by two non polarised cables) **FAAC PATENT!**
- ✓ Integrated positive stops - you can avoid installing on-ground mechanical stops for both opening and closing **FAAC PATENT!**
- ✓ Integrated handles for facilitating handling and installation **FAAC USE PATENT!**
- ✓ Hydraulic release service device

Self bearing case S 700 H

The self bearing case is in steel (it can therefore be welded directly on pillars), is cathaphoresis treated and has holes for routing electrical cables and drainage. The supplied cover is in stainless steel.

The necessary equipment for installation must also include the use of the S 700 H grooved joint or the LEVER OPERATED RELEASE DEVICE. (see following paragraphs).



Grooved joint S 700 H

This is the joint to be welded to the gate support bracket and also includes a sealing system protecting the shaft as it exits the case.

This accessory is recommended if using the SB (without lock) models, not requiring any release device for the user.



Lever operated release device S 700 H

This is the lever operated release device. It is easy and immediate to utilise for the user and also includes a sealing system protecting the shaft as it exits the case. The device is protected by a key and can be activated both from inside and outside the home.

This accessory can be used with the CBAC Models (with opening and closing lock) or with the SB models to facilitate manual leaf activation as much as possible.



Control unit E 700

The S 700 H automated system can be controlled exclusively from this new control board, which enables management of the magnetic encoder built into the operator.

Obviously, the board was designed using the new FAAC latest generation electronic features, such as:



bus connection (2x0.5 sq.m non polarised) to the proprietary protocol to facilitate the connection of photocells XP 15 B and the encoder (and of further accessories in future);



integrated 2-channel universal decoding – to complete the installation, you just use the XF 433/868 coupling receiver.



The board stands out for its very easy programming by the use of push-buttons and LEDs, and for automatic learning of the work cycle, including memory storage of travel limit devices and slow down positions. These are the other important functions:

- ✓ The electronic anti-crushing device makes it possible to make installations conforming to European Directives EN12453 - EN12445;
- ✓ Adjustable leaf speed;
- ✓ Anti wind function;
- ✓ Facility for connection of the electronic lock;
- ✓ Facility for connection of the EMERGENCY BATTERY KIT XBAT24

The board is housed in the new FAAC enclosure, which enables it to be secured also inside the emergency battery kit.

We enclose complete instructions for the board.

CODES AND PRICES

The following are the codes, descriptions and 2007 list prices for all the articles in the product range of the new automated system.

Obviously, these products will be inserted inside the next Price List Rev.

Hydraulic operator S 700 H

Code	Description	Price list
108700	S 700 H CBAC 100°	€ 710.00
108702	S 700 H CBAC 180°	€ 760.00
108701	S 700 H SB 100°	€ 710.00
108703	S 700 H SB 180°	€ 760.00

Specific accessories for S 700 H

Code	Description	Price list
490112	Self bearing case S 700 H	€ 160.00
390887	Grooved joint Kit S 700 H	€ 70.00
390878	Lever operated release device S 700 H	€ 180.00

Control unit and accessories

Code	Description	Price list
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790282	Control unit E 700	€ 180.00
319006	Receiver XF 433	€ 43.00
319007	Receiver XF 868	€ 43.00
785149	Photocells XP 15 B (*)	€ 65.00
390923	Emergency battery kit X BAT 24	€ 85.00

(*) The E 700 board is designed exclusively for these photocells.



emergency battery kit XBAT



Photocells XP 15 B

IMPORTANT: The new S 700 H automated systems replace the 760 automated systems which, as from OCTOBER, will no longer be available.

Do not hesitate to contact us for any clarifications.

Yours sincerely.

FAAC S.p.A.
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