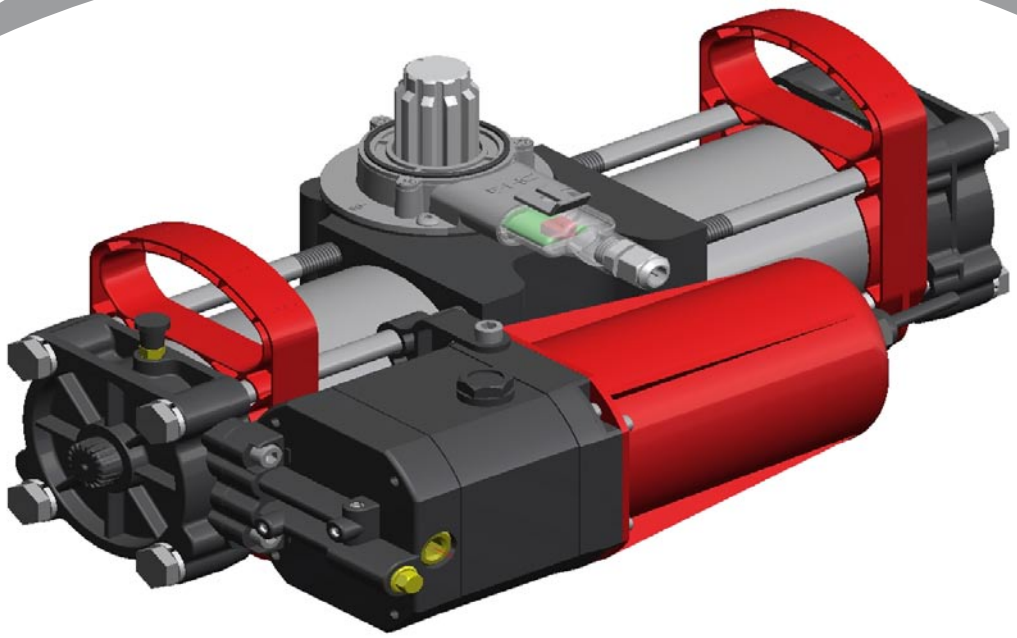
S800H



Guida per l'utente

User's guide

Instructions pour l'utilisateur

Anleitungen für den Benutzer

Guía para el usuario

Gebruikersgids

FAAC

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FAAC ENGLISH

AUTOMATED SYSTEM S800H

USER'S GUIDE

GENERAL SAFETY REGULATIONS

If correctly installed and used, the S800H automated system ensures a high degree of safety.
Some simple rules on behaviour can prevent accidental trouble:
- Do not pass between the leaves when they are moving. Wait for the leaves to open fully before passing through them.
- Do not, on any account stay in between the leaves.
Do not stand near the automated system, and do not allow children, persons or things to do so, especially when it is operating.
- Keep radio controls or other pulse generators away from children, to prevent the automated system from being activated involuntarily.
- Do not allow children to play with the automated system.
- Do not willingly obstruct leaf movement.
- Prevent any branches or shrubs from interfering with leaf movement.
- Keep the indicator-lights efficient and easy to see.
- Do not attempt to activate the leaves by hand unless you have released them.
- In the event of malfunctions, release the leaves to allow access and wait for qualified technical personnel to do the necessary work.
- When you have set manual operation mode, cut power to the system before restoring normal operation.
- Do not in any way modify the components of the automated system.
- Do not attempt any kind of repair or direct action whatever and contact qualified personnel only.
- At least every 6 month: arrange for qualified personnel to check the efficiency of the automated system and the safety devices.

DESCRIPTION

These instructions apply to the following models:
S800H SB - S800H CBAC
The FAAC S800H automated system for swing leaf gates is a hydraulic enbloc which, when installed invisibly in the ground, does not alter the appearance of the leaf.
The model with a hydraulic shut-down facility does not require installation of an electrical lock, as it guarantees mechanical shut-down of the leaf when the motor is not operating. The model without a hydraulic shut-down facility always requires one or more electrical locks to ensure the leaf is mechanically shut down.
The S800H automated systems were designed and built to automate swing leaf gates. Do not use for any other purpose.
Leaves of up to 4 mt and 800 Kg can be automated depending on the selected model.
The functioning of the operators is controlled by an electronic control unit, housed in an enclosure with adequate degree of protection against atmosphere agents. The leaves are normally in closed position.
When the control unit receives an opening command via the radio control or any other pulse generator, it activates the hydraulic appliance which rotates the leaves until they reach the opening position to allow access.
If automatic mode was set, the leaves close automatically after selected pause time has elapsed.
If the semi-automatic mode was set, a second pulse must be sent to close the leaf again.
A stop pulse (if supplied) always stops movement.
For details on the behaviour of the automated system in different function logics, consult the installation Technician.
Automated systems include safety devices (photocells) that prevent the leaves from moving when there is an obstacle in the area they protect.
The S800H automated system is supplied standard with an electronic device which, when connected to a suitable control unit, detects the presence of a possible obstacle, and reverses the movement of the leaf.
The warning-light indicates the current leaf movement.

MANUAL OPERATION

⚠ ***WARNING: BEFORE CARRYING OUT THE RELEASE AND SHUT-DOWN OPERATIONS, MAKE SURE THAT YOU HAVE CUT POWER TO THE OPERATOR.***

HYDRAULIC RELEASE OF THE OPERATOR

If the gate has to be moved manually due to a power cut or fault of the automated system, use the hydraulic release:
1) Unscrew the cover and remove it.
2) Turn the release screw (Fig.1 ref.①) inserting the triangular recess of the supplied key (Fig.1 ref.②):
- To release, turn the release screw anti-clockwise up to the mechanical stop point.
- To shut-down again, turn the release screw clockwise up to the mechanical stop point.

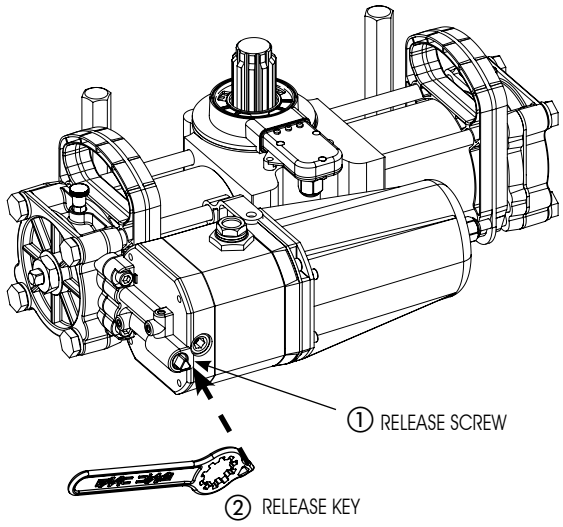


Fig.1

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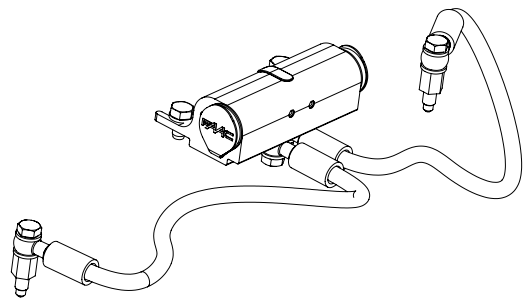


Fig.1A

- To unlock, insert the key into the lock and turn clockwise until the mechanical stop.
- To re-lock, insert the key into the lock and turn it clockwise until it stops.

MECHANICAL EMERGENCY RELEASE (OPTIONAL)

For the S800H operator, a manual mechanical emergency release is available as an optional item.
If the gate has to be moved manually due to a power cut or fault of the automated system, use the release key device.
The device is inserted on the gate support bracket and enables you to release the system from both inside and outside the premises.
Procedure for manual leaf operation:

1) Open the protective hatch (Fig.3 ref.②).
2) Insert the release key in the lock (Fig.3 ref.③) and turn it clockwise sense up to its stop point.
3) Pull the release lever toward you (Fig.3 ref.①).
4) Move the leaf by hand.

Procedure for restoring the system to normal operation (Gate released):
1) Move the release lever back to its rest position (Fig.2)
2) Insert the release key in the lock, turn it in the opposite direction up to the stop point.
3) Move the leaf manually until the lock hooks on the shut-down bracket.
4) Close the protective plug of the lock.

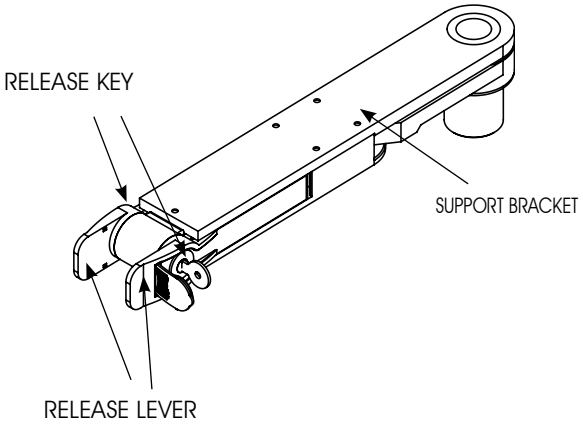


Fig.2

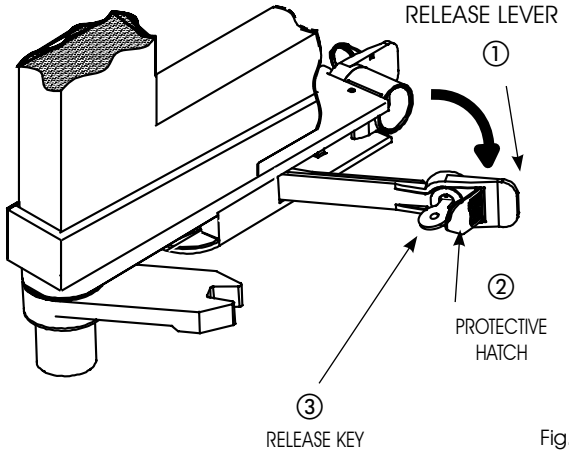


Fig.3

MAINTENANCE

Every 6 months, arrange for a qualified technician to run a functional check of the system, with special attention to the efficiency of the safety and release devices, and to perfect operation of the gate hinges.
Also arrange a check of the quantity of oil inside the tank - **for any topping up, strictly use OLIO FAAC HP OIL only.**

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MAINTENANCE REGISTER

System data

Installer	
Customer	
Type of system	
Serial No.	
Installation date	
Start-up	

System configuration

PART	MODEL	SERIAL NUMBER
Operator		
Safety device 1		
Safety device 2		
Pair of photocells 1		
Pair of photocells 2		
Control device 1		
Control device 2		
Radio control		
Flashing lamp		

Indication of residual risks and of foreseeable improper use

No.	Date	Job description	Signatures
1			Technician
			Customer
2			Technician
			Customer
3			Technician
			Customer
4			Technician
			Customer
5			Technician
			Customer
6			Technician
			Customer
7			Technician
			Customer
8			Technician
			Customer
9			Technician
			Customer
10			Technician
			Customer

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