

External automations  
for swing-leaf gates

# S450H

## 24V Hydraulic operator



Max width single leaf

2 - 3 m

Use frequency

Continuous use

- Hybrid Technology (Hydraulic + 24V).
- Integrated encoder SAFEcoder with anti-crushing function and reverse upon obstacle detection.
- Opening and closing mechanical stops included.



24V SAFEzone  
system:  
S450H + E024S or  
E124



GREENTech  
system:  
S450H + E124



### DIMENSIONS AND TECHNICAL SPECIFICATIONS

Model	S450H CBAC	S450H SB
Power supply voltage		220-240V~ 50/60 Hz
Motor		With brushes 24V <b>---</b>
Max. power		60 W
Max expressed force		> 5000 N
Rod max speed		>25 mm/sec
Rod travel		311 mm
Max. leaf opening angle		110°
Operating ambient temperature		-20°C ÷ +55°C
Protection class		IP55
Weight		6.5 Kg
Use frequency		Continuous use
Max. leaf width	2 m	3 m
Type of oil		FAAC HP OIL
Mounting brackets	Rear multi-position bracket to be screwed - front adjustable to be screwed	
Dimensions (LxDxH)	1113 x 85 x 119 mm	
Electronic equipment	Not included	

## FAMILY MODELS

Model	Item code
S450H CBAC	104100
S450H SB	104101

## PACKS

**S450H includes:** a hydraulic operator, accessories for installation, a release key.

Typical Installation Examples page. 337

## ELECTRONIC CONTROL UNITS



E124 Electronic control unit with enclosure  
Info at page 149

790284

## ACCESSORIES



XBAT 24 emergency battery kit \*

390923



Emergency battery support kit \*  
(specific for E124)

390926



BUS XIB interface  
(for E045 or E024S control unit with non BUS photocell)

790062

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Joint for RTA sheath

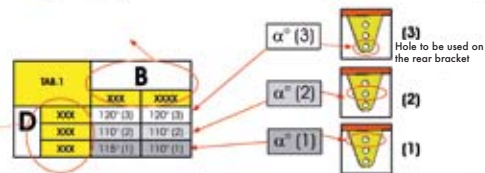
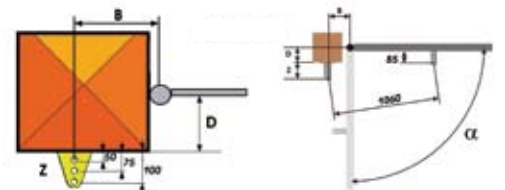
710010



Release lock with customised key

712501001-36

## INSTALLATION DIMENSIONS (MM)



## NOTE

- It is not compatible with E124 control unit.
- The 2 Pb standard batteries are not supplied by FAAC and must have a voltage/current of 12 V/4Ah. Dimensions: 90X70X108 mm

DIM. 1	B									
	75-84	85-94	95-104	105-114	115-124	125-134	135-144	145-154	155-164	165-170
20-24					110° (2)	110° (2)	110° (2)	108° (2)	100° (3)	100° (3)
25-34					108° (2)	110° (2)	110° (2)	103° (3)	100° (3)	94° (3)
35-44				100° (2)	107° (2)	108° (2)	104° (2)	111° (2)	104° (2)	100° (2)
45-54				100° (2)	105° (2)	104° (2)	100° (2)	106° (2)	100° (2)	96° (2)
55-64				97° (2)	100° (2)	100° (2)	99° (2)	107° (2)	100° (2)	94° (2)
65-74				97° (2)	97° (2)	100° (2)	100° (2)	110° (2)	101° (2)	102° (1)
75-84				90° (2)	99° (2)	100° (2)	105° (2)	102° (2)	111° (2)	105° (1)
85-94				90° (2)	90° (2)	99° (2)	100° (2)	104° (2)	94° (2)	94° (1)
95-104				90° (2)	90° (2)	99° (2)	100° (2)	94° (2)	104° (1)	90° (1)
105-114				90° (2)	90° (2)	99° (2)	97° (2)	100° (1)	99° (1)	94° (1)
115-124				90° (2)	90° (2)	95° (2)	98° (1)	100° (1)	94° (1)	92° (1)
125-134				90° (2)	90° (2)	95° (1)	98° (1)	94° (1)		
135-144				90° (2)	90° (2)	95° (1)	94° (1)			
145-154				90° (1)	90° (1)	94° (1)				
155-164				90° (1)	90° (1)					
165-170				90° (1)						

**OTHER ACCESSORIES**

**Key operated buttons**  
page 176

**Safety devices**  
page 190

**Transmitters and receivers**  
page 168

**Photocells and columns**  
page 186

**Flashing lights**  
page 198

**Various accessories**  
page 200