

# 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



24V GREENTech  
system:  
S450H + E124



### DIMENSIONS AND TECHNICAL SPECIFICATIONS

Model	S450H CBAC	S450H SB
Power supply voltage		220-240V~ 50/60 Hz
Electric motor		With brushes 24V ---
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)		1131 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. 323

## ELECTRONIC CONTROL UNITS



E124 Electronic control unit with enclosure  
Info at page 139

790284

## ACCESSORIES



Emergency battery support kit ♦  
(specific for E124)

390926



BUS XIB interface  
(for E045 or E045S or E024S boards with photocell no BUS)

790062



Joint for RTA sheath

710010

## NOTE

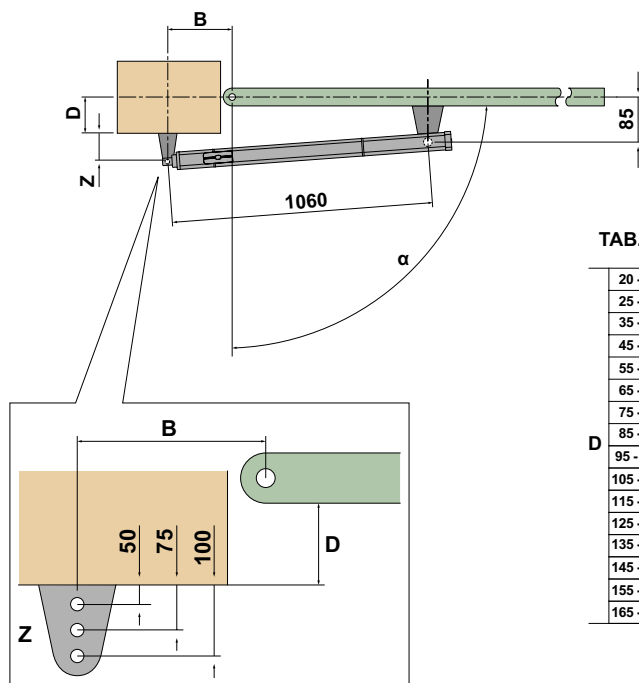
- ♦ It is not compatible with E124 control unit.
- ♦ The 2 Pb standard batteries are not supplied by FAAC and must have a voltage/current of 12 V/4Ah. Dimensions: 90X70X108 mm



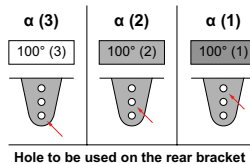
Release lock with customised key

712501001-10

## INSTALLATION DIMENSIONS (MM)



TAB. 1	B										
	75 - 84	85 - 94	95 - 104	105 - 114	115 - 124	125 - 134	135 - 144	145 - 154	155 - 164	165 - 175	
20 - 24					110° (3)	110° (3)	115° (3)	108° (3)	100° (3)	100° (3)	
25 - 34					108° (3)	110° (3)	110° (3)	103° (3)	100° (3)	94° (3)	
35 - 44				100° (3)	107° (3)	108° (3)	104° (3)	111° (2)	104° (2)	100° (2)	
45 - 54				100° (3)	105° (3)	106° (3)	100° (3)	106° (2)	100° (2)	96° (2)	
55 - 64			97° (3)	100° (3)	105° (3)	99° (3)	107° (2)	100° (2)	96° (2)	92° (2)	
65 - 74		93° (3)	97° (3)	100° (3)	100° (3)	110° (2)	101° (2)	96° (2)	102° (1)	98° (1)	
75 - 84		90° (3)	95° (3)	100° (3)	105° (2)	102° (2)	111° (1)	105° (1)	98° (1)	94° (1)	
85 - 94	90° (3)	90° (3)	95° (3)	100° (2)	104° (2)	96° (2)	104° (1)	100° (1)	94° (1)	90° (1)	
95 - 104	90° (3)	90° (3)	95° (3)	100° (2)	96° (2)	106° (1)	98° (1)	96° (1)	90° (1)		
105 - 114	90° (3)	90° (3)	95° (2)	97° (2)	103° (1)	99° (1)	94° (1)	92° (1)			
115 - 124	90° (3)	90° (2)	95° (2)	98° (1)	100° (1)	94° (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)										



For any other configuration please refer to the technical manual

### OTHER ACCESSORIES

Key operated buttons  
page 174

Safety edges  
page 185

Transmitters and receivers  
page 166

Photocells and columns  
page 182

Flashing lights  
page 191

Various accessories  
page 192