



## Automated system for swing doors



# 950 Range

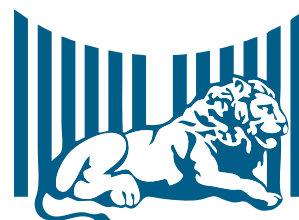
The 950 range is sturdy, reliable, has built-in safety features and is rated for continuous duty.



**Reliable. Affordable. Dependable.**



...Leading the way.



Excellence in Automation

## 950 Range

FAAC 950 BM (door closing automation with spring system) and the 950 BSM (door closing automation with spring-less motorised system) can be installed either on the door lintel or on the door itself (depending on which transmission arm is used).

A detection sensor (radar or passive infrared) can be installed inside the housing of the curved shaped model.

The 950 electro-mechanical system, with direct-current motor and activation arm, means that door opening is controlled at the lowest operating noise level. The 950 operator works in complete silence in both the spring version and in the version with motorised closing.

The 950 MPS board provides real time control of all the door's activities, and an encoder detects the angular position at all times. You can select the operational logic (automatic, manual, open) using the selector switch on the side of the operator.

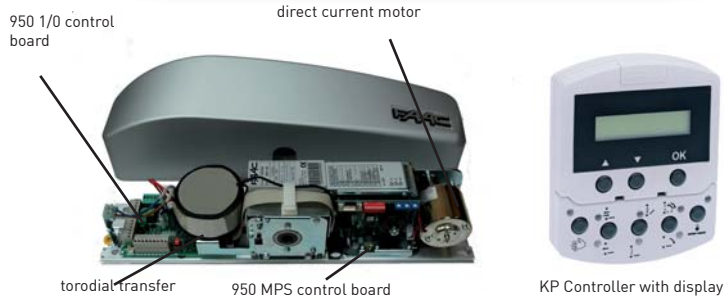
A KP controller is an interface/controller that enables advanced programming and diagnostics.

This product is not just attractive, but is also sturdy, reliable and above all, safe. In compliance with current safety regulations, speed and force are programmed according to the door's dimensions. If the door meets an obstacle, it reopens immediately and, when it closes the next time, it verifies clearance of the obstacle at slow speed.

## 950 Technical Specifications

<b>Power supply:</b>	230 V - (+6% - 10%) 50 (60) Hz
<b>Absorbed power:</b>	100W
<b>Use frequency:</b>	continuous
<b>Drive unit:</b>	24 Vdc motor with encoder
<b>Activation BM: Activation BSM:</b>	electro-mechanical with return spring powered open and powered closed
<b>Anti-crush device:</b>	standard
<b>Dimensions:</b>	530 x 100 x 104mm (w x h x d)
<b>Weight:</b>	10Kg
<b>Protection class:</b>	IP23
<b>Opening angle:</b>	70° / 95°
<b>Traction force:</b>	adjustable from 60% to 100%
<b>Opening speed:</b>	adjustable from 30% to 100%
<b>Closing speed:</b>	adjustable from 30% to 100%
<b>Pause time:</b>	adjustable from 1 to 30 s
<b>Standard operational functions:</b>	automatic-manual-open
<b>Activating arms:</b>	pushing articulated arm short sliding arm long sliding arm drive shaft extension

## Operational Features



### STANDARD FUNCTIONS

- function logics - Automatic - manual-open
- self learning of open and closed positions and measurement of door weight
- anti-crush safety device active for both closing and opening
- selectable PUSH and GO function ( opening command by simply pushing the door)
- manual operation in case of power cut
- control trimmer for: motor tractive power, opening and closing speed, pause time
- designed to accept installation of: microwave radar, passive infrared sensor, control push-buttons, photocells, electric locks, KP programming unit padlock
- self-diagnosis

### OPTIONAL FUNCTIONS

The following functions can be obtained by using a KP controller:

- function logics - Automatic - manual-open - oneway - night
- opening and closing speed adjustment
- pause time adjustment
- adjustment of opening width
- interlock function
- master-slave function for double leaf doors
- semi automatic stepped logic
- static force (selectable) 90 - 150N
- self diagnosis

Model	Application			
	Leaf length (mm)	leaf max weight (kg) (with articulated pushing arm)	leaf max weight (kg) (on slide shot arm)	leaf max weight (kg)
950 BM	700	367	286	-
	750	320	249	-
	800	281	219	-
	850	249	-	194
	900	222	-	173
	950	199	-	155
	1000	180	-	140
	1050	163	-	127
	1100	149	-	116
	1150	136	-	106
	1200	125	-	97
	1250	115	-	90
	1300	107	-	83
950 BSM	1350	99	-	77
	1400	92	-	71
	700	130	100	-
	750	124	96	-
	800	118	92	-
	850	113	-	89
	900	108	-	85
950	104	-	83	
1000	100	-	80	

