

**FAAC**

**STANDARD FUNCTIONS**

- Function logics: AUTOMATIC - MANUAL - OPEN
- Self learning of open and closed positions and measurement of door weight
- Anti-crushing safety device active during opening and closing
- **"PUSH and GO" function can be selected** (Commands opening by a simple push on the door)
- **"ANTI-WIND" function can be selected** (Guarantees the resistance of the door during closure even in a strong wind)
- **Closing thrust to guarantee door closure even in a strong wind**
- **AVS (Anti Vandal System) function: this device protects the motor if leaf movement is forced**
- Manual operation in case of an electrical power cut.
- Adjustment trimmer for: motor traction force, opening speed, closing speed, and pause time
- Facility for: microwave radar, passive infrared sensor, command pushbuttons, photocells, electric locks, bolt, KP Controller programming unit.

**If you use the KP Controller programming unit, coupled to the programming display, you obtain the following functions:**

- Function Logics:
  - AUTOMATIC - MANUAL - OPEN - ONE WAY - NIGHT
- Adjustment of opening and closing speed
- Pause time adjustment
- Opening width adjustment
- Interlock function
- Master-Slave Function for double leaf doors.
- Preset for acoustic and light transit signalers
- Self diagnosis.



Sliding block arm



Articulated arm to push



Housing in anodised aluminium



Programming display



KP Controller Functions keyboard



SDK light functions keyboard



Functions Selector

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**950 BM - 950 BSM**  
Automated systems for leaf doors

**FAAC**  
Simply automatic.

## Automated systems for leaf doors

### Open and close in absolute silence

The 950 automated systems command door opening and closing in absolute operating silence, both in the spring version and in the motorised closing version

### Versatile and elegant

The automated systems Faac 950 BM (with spring closing system) and the 950 BSM (with motorised closing system without spring) can be installed both on the lintel and directly on the door's structure.

The housing covering the automated system can be supplied in anodized extruded aluminium or in shaped ABS in an innovative design making it possible to fit a detection sensor (passive infrared) inside it.

### Safe and intelligent

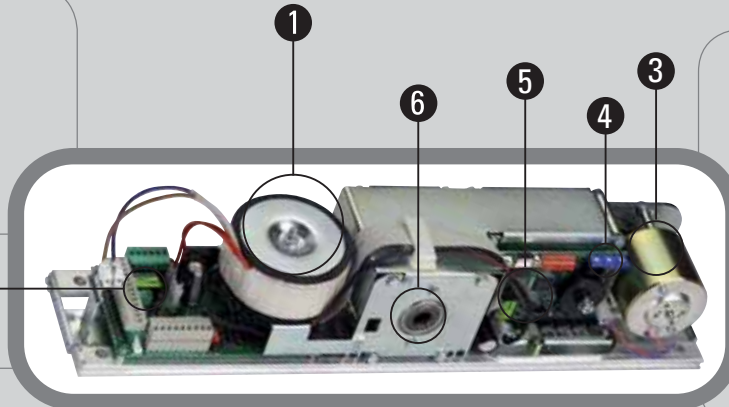
The automated system has two control boards: 950 MPS (control board) and 950 I/O (input/output). A microprocessor controls all the door's activities in real time, and an encoder detects its angular position at all times. Moreover, you select the operating logic (automatic, manual, night, open) by means of an integrated selector. Built in conformity with the new European safety regulations, speed and force are programmed according to the size of the door. If an obstacle is detected, the door reopens immediately, and as it closes it verifies, at slow speed, the release of the obstacle.

### Powerful and reliable

Thanks to the accurate selection of the mechanical and electronic components, our 950 BM automated system is able to move leaves weighing over 300 kg, on continuous duty, while always maintaining absolute operational safety.



- 1 Toroidal transformer
- 2 Control unit 950 I/O
- 3 DC Motor
- 4 Encoder
- 5 Control unit 950 MPS
- 6 Return spring



## Automatic adjustments

Determination of positions: "open" and "closed"  
 Measurement of the weight and friction of the leaves  
 Selection of optimal speed, acceleration and deceleration  
 Photocell test

Selectable ANTI-WIND function (guarantees resistance of the closing door even if there is a strong wind).



## Technical specifications

## 950 BM - 950 BSM

Power supply	230 Vac (+6% -10%) 50 (60) Hz
Absorbed power	100 W
Use frequency	continuous
Drive unit	24 Vdc motor with encoder
Activation	electromechanical with/without return spring
Anti-crushing device	supplied standard
Dimensions	530 x 100 x 104 mm (LxHxD)
Weight	10 kg
Protection class	IP 23
Opening angle	70° - 95°
Opening speed	adjustable from 30% to 100%
Closing speed	adjustable from 30% to 100%
Pause time	adjustable from 1 to 30 sec.
Standard operating functions	automatic-manual-open
Activation arms in stainless steel	articulated to push with short sliding block with standard sliding block
Covering housing	in abs or aluminium

Thanks to calendar control, it can be programmed in time bands



## Use

Model	Leaf length (mm)	Leaf max. weight (kg)		
		Articulated arm to push	Short sliding block arm	Standard sliding block arm
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
950 BSM	1200	125	-	97
	1250	115	-	90
	1300	107	-	83
	1350	98	-	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	

