

STANDARD FUNCTIONS

- Function logic: AUTOMATIC / MANUAL / OPEN
- Self learning of arms and closed position and measurement of their weight
- Anti crushing safety device active during opening and closing
- "PUSH and GO" function can be selected (door opens opening by a touch on the door)
- "ANTI WIND" function can be selected (Guarantees the resistance of the door during closure even in a strong wind)
- Closing force to guarantee door closure even in a strong wind
- ANTI Ulna Shield System function: this device protects the user if leaf movement is forced
- Manual operation in case of an electrical power cut
- Adjustment of opening and closing speed, opening speed, closing speed, with pause time
- Control for emergency stop: pressure release device, emergency positioners, photoelectric sensors, lock, RF (remote programming unit)

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

- Function logic
- AUTOMATIC / MANUAL / OPEN / STOP / HOLD
- Adjustment of opening and closing speed
- Force into adjustment
- Opening and closing speed
- Manual function
- Myon-Stop function to release leaf force
- Power to electric and light control operation
- Self diagnosis



Programming display



RF Controller Functions keyboard



RFK light functions keyboard



Functions Selector



Sliding block arm



Articulated arm to push



Housing in anodized aluminium

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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 opening silence, both in the spring version and in the return spring version.

Vertical and angled

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

The housing covering the automatic system can be supplied in anodized extruded aluminium or in stainless AISI 316 in an innovative design making it possible to fit a detection sensor (optional) directly inside it.

Safe and intelligent

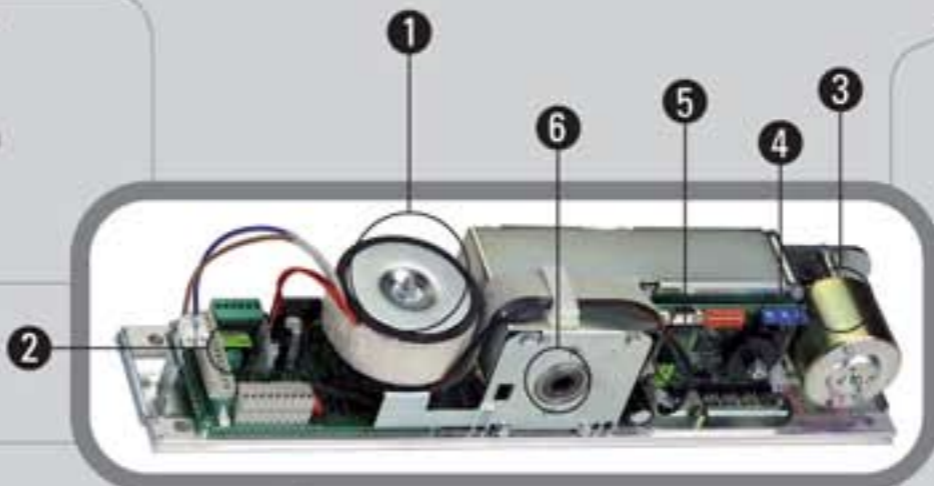
The automated system has two control boards: 950 MFS (control board) and 950 UC (microprocessor). A microprocessor controls all the door's activities in real time, and an encoder detects its angular position at all times. Moreover, you select the operating logic (automatic, moment, light, open) by means of an integrated selector. Built to conform 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 stops immediately and, as a check of safety, at slow speed, the release of the obstacle.

Powerful and reliable

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



- 1 Toroidal transformer
- 2 Control unit 950 BS
- 3 DC Motor
- 4 Encoder
- 5 Control unit 950 MFS
- 6 Return spring



Automatic adjustments

Determination of systems "open" and "closed".
Measurement of the weight and friction of the leaves.
Selection of optimal speed, acceleration and deceleration.
Physical test.



Selectable ANT-IMP function guarantees resistance of the closing force even if there is a strong wind.

Technical specifications

950 BM - 950 BSM

Power supply	230 Vac ±4% -10% 50/60 Hz
Absorbed power	160 W
Use frequency	continuous
Drive unit	28 pole motor with encoder
Activation	electromechanical or with/without return spring
Anti-collision device	optional standard
Dimensions	530 x 100 x 108 mm (LxPxH)
Weight	12 kg
Protection class	IP 23
Opening angle	27° - 90°
Opening speed	adjustable from 20% to 100%
Closing speed	adjustable from 20% to 100%
Power time	adjustable from 1 to 20 sec.
Standard operating functions	automatic manual open
Activation arms in stainless steel	articulated to push with short sliding block with standard sliding block in case of glass door
Covering housing	

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



Use

Mean	Leaf length (mm)	Leaf max. weight (kg) (with return spring)	Leaf max. weight (kg) (with return spring)	Leaf max. weight (kg) (without return spring)
950 BM	50	80	200	-
	70	200	240	-
	80	200	270	-
	90	200	-	144
	90	220	-	133
	90	230	-	120
	100	180	-	140
	100	200	-	127
	110	140	-	118
	110	170	-	108
950 BSM	50	130	100	-
	70	134	90	-
	80	118	90	-
	90	112	-	80
	90	108	-	80
	90	110	-	80
	100	100	-	80
	100	100	-	80