

950 BM - 950 BSM

continuous duty



■ A true work of art

The "range renewal" of FAAC's automatic door sector continues. The aim of the project is still the same: to offer the market competitive good quality products that are attractive to the eye, just as in a work of art. 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 articulated arm is used). FAAC advises you "not to hide them but leave them well in view!!". The housing's innovative shape and considerable styling impact, added to an 'anodised metal type' surface finish, make it very special - people will notice and recognise it immediately. Thanks to the housing's particular shape, a detection sensor (radar or passive infra-red) can be installed inside.

■ Its only fault: it's silent

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.

■ ...but it's highly intelligent

Thanks to two electronic boards - 950 MPS (control board) and 950 I/O (input/output board), intelligent control is assured: a microprocessor provides real-time control of all the door's activities, and an encoder detects the angular position at all times. You can select the operation logic (automatic, manual, night, open) with a selector built into the automated system.

■ ...reliable and safe

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 re-opens immediately and, when it closes the next time, it verifies clearance of the obstacle at slow speed.



■ 950 BM operator Housing in plastic



■ On Sliding Arm



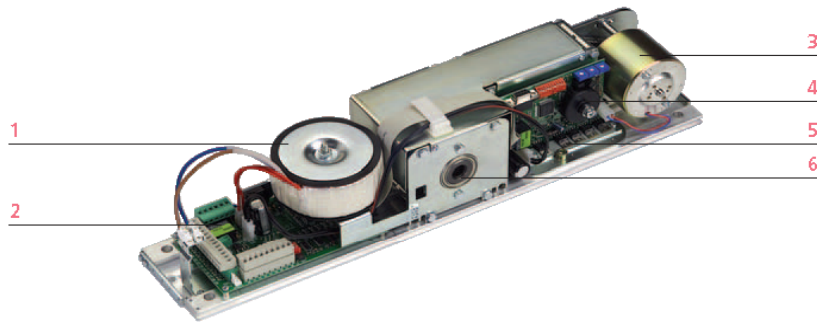
■ Articulated Pushing Arm



■ Functions selector Switch



■ Housing in anodised aluminium



- 1 Toroidal transformer
- 2 950 I/O control board
- 3 Direct current motor
- 4 Encoder
- 5 950 MPS control board
- 6 Return spring

Technical Specs.	950 BM - 950 BSM
Power Supply	115 Vac (+6% - 10%) 50 (60) Hz
Absorbed Power	100 W
Use Frequency	Continuous
Drive Unit	24Vdc Motor With Encoder
Activation	Electro-Mechanical With Return Spring
Anti-Crush Device	Standard
Dimensions	20 x 4 x 4 in. (WxHxD)
Weight	22 lbs
Opening Angle	70° - 95°
Opening Speed	Adjustable from 30% to 100%
Closing Speed	Adjustable from 30% to 100%
Pause Time	Adjustable 1 to 30 seconds
Standard Operating Logics	Automatic-Manual-Open
Available Pushing Arms	Articulated Thrust Articulated Pull On Slide

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 commanded by simply pushing the door)
Selectable "ANTIWIND" function (Ensures door stays closed even under strong wind)
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 Controller programming unit padlock

Optional Functions
The following functions can be obtained by using the KP Controller programming unit:
Function logics: AUTOMATIC - MANUAL - OPEN - ONE-WAY - NIGHT
Opening and closing speed adjustment
Pause time adjustment
Adjustment of opening width
Interlock function
Master-Slave function for double-leaf doors
Designed for installation of acoustic and illuminated transit signaling devices
Self-diagnosis



MODEL	USE			
	Door Width (in.)	Door Max Weight (lbs) Push Arm (Articulated)	Door Max Weight (lbs) Slide Short Arm	Door Max Weight (lbs) Slide Arm
950 BM	27.5	809	630	-
	29.5	705	548	-
	31.5	619	482	-
	33.5	548	-	427
	35	489	-	381
	37	438	-	341
	39	396	-	308
	41	359	-	279
	43	328	-	255
	45	299	-	233
	47	275	-	213
49	253	-	198	
950 BSM	27.5	286	220	-
	29.5	273	211	-
	31.5	260	202	-
	33.5	249	-	196
	35	238	-	187
	37	229	-	182
	39	220	-	176