

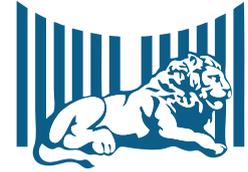
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Automatic Entrance Systems

FAAC

# A100 Range

**SLIMLINE AUTOMATED SYSTEM FOR  
SLIDING DOORS**



All FAAC automation products are robust, reliable and manufactured to the international quality standard ISO9001



The FAAC A100 slimline automation system for sliding doors is rated for continuous duty for single and double leaf applications.

**THE A100 RANGE**

**Slimline sliding door operator**

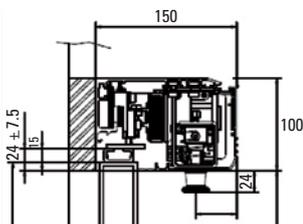
Measuring just 100mm in height and with a depth of 135mm, the A100 is one of the smallest automatic door operators currently available, making it ideal for installations where space is severely restricted. Suitable for single leaf doors of up to 110kg or two leaves with a combined weight of 140kg. The A100 is designed for continuous operation, meeting demand for a compact automatic operator for doors in areas of high traffic.

Highly energy efficient and extremely cost effective, the A100 door automation system operates with just 100 watts of absorbed power. The compact nature of the system also means less raw materials are used during manufacture, further reducing its impact on the environment.

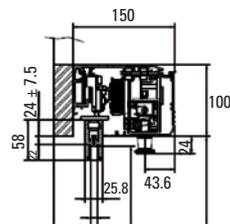
Featuring a 100% duty cycle and a very fast response time, the A100 also leads the way in safety features. A unique battery backup system can be specified to give up to 20 minutes continuous use in the event of a power failure.

**HEAD PROFILE**

**A100 Compact**



**A100 Compact glass leaf**



- Accessories**
- Miniswitch GLS Photocell
  - Passive infrared sensor
  - Microwave radar
  - T20/T21 key-operated push buttons, wall and flush mounting, with emergency release device
  - Leaf securing profiles for glass
  - Electro-mechanical lock with internal release device
  - Padlock surveillance with possibility of visual or acoustic signal in case of malfunction
  - Emergency batteries with recharging card.  
Guarantee a 20 minute range of continuous duty

**A100 TECHNICAL SPECIFICATION**

	A100 Compact	A100 Compact 2
No. of leaves	1	2
Max leaf weight	110kg	70 + 70kg
Transit space (VP)	700 ~ 3000mm	800 ~ 3000mm
Max thickness of framed leaf	60mm	
Power supply	115V/230V ~ 50/60 Hz	
Absorbed power	100 W	
Use frequency	100 %	
Drive unit	24 Vdc motor with encoder	
Head profile length LT	VP x 2 + 100mm	
Opening speed (load free)	5-70cm/sec	10-140 cm/sec
Closing speed (load free)	5-70cm/sec	10-140 cm/sec
Pause time adjustment	0 ~ 30 sec	
Night pause time adjustment	0 ~ 240 sec	
Static force adjustment	automatic	
Partial opening	10% ~ 90% of total opening	
Anti-crush device active	at opening/closing	
Photocells fail safe	Yes (can be activated by programming)	
Protection class	IP23 for indoor use	
Operating ambient temperature	-20°C to + 55°C	

**SD KEEPER WITH DISPLAY**



**SD KEEPER**



- SD KEEPER functions keyboard (standard)**  
**Available programs**
- |                                  |                         |
|----------------------------------|-------------------------|
| 1. manual                        | 2. two-way/one-way      |
| 3. partial opening/total opening | 4. automatic/ hold open |
| 5. night/lock                    |                         |
- self diagnosis by means of LEDs  
function lock out by contact or push button  
provision for programming display connection

- Programming display main functions**
- |                           |                                |
|---------------------------|--------------------------------|
| access password insertion | opening speed adjustment       |
| closing speed adjustment  | anti-crush adjustment          |
| pause time adjustment     | anti-crush function management |
| diagnostic visualisation  | weekly calendar management     |
- interlock management with or w/o memory  
operating functions selection with battery in use  
timer function by means of back-up battery (in SD keeper)  
cycle counter display  
manages 5 daily time bands



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