

FAAC



Sliding gate operator for gates with a maximum weight of 3500kg



884 Range

The 3 phase 884 operator is designed for heavy duty, commercial applications.



Reliable. Affordable. Dependable.

FAAC

...Leading the way.



Excellence in Automation

884 Range

Industrial Capacity

The 884 operator has been manufactured to handle the heaviest commercial or industrial-type gates up to 3500kgs in the simplest, most convenient way. It's simple to install and operate.

Exceptional Strength

The "industrial" design is supported by the exceptional performance characteristics of the gear motor, which allows a frequency of 100% uninterrupted use for gates up to 2000kg. Duty cycle for gates weighing between 2000kgs and 3500kgs is 60%

Protection in movement

A corrosion-proof coating that is highly resistant to atmospheric agents combined with IP55 protection of the operator fully enhance the durability and safety for which FAAC electromechanical technology is renowned.

An internal manual release mechanism provides additional security for the system. The steel cabinet is also robust enough to handle harsh environments. The control board is well protected, and is easy to access.

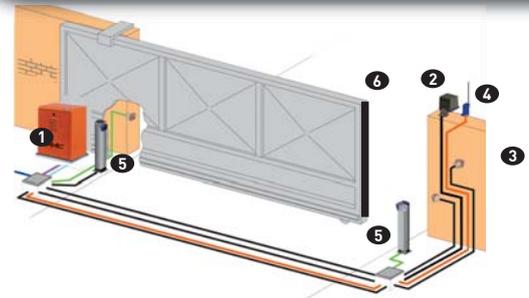
Constant Safety

Anti-crushing safety is ensured by an electronic device, which adjusts the drive torque directly. It has simple limit plates for positioning on the gate.

Maximum service, minimum maintenance

Maintenance has been reduced and made easier with the ability to access the operator without removing the gate. Additionally, electricity consumption is minimised by the system's outstanding mechanical efficiency.

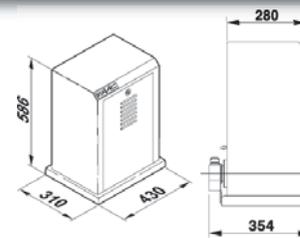
Installation layout



1. FAAC 884 OPERATOR
2. FAAC LIGHT
3. T10 KEYSWITCH
4. RADIO RECEIVER
5. FAAC PHOTOBEAM
6. SAFETY EDGE

Low voltage cabling	Power cabling [230V]
A { 4 cables 3x 0.5 2 cables 2x 0.5	B { 1 cable 2x1.5+E 1 cable 2x1.5
NB: Cable diameters in mm ²	

Dimensions



884 T Control Board

Power supply:	230 Vac (+6% to -10%) 50 [60] Hz 400 Vac 3ph +N (+6% to 10%) 50 [60] Hz
Main Fuse:	6.3A
Accessories max load:	24 Vdc
Operating ambient temperature:	24 Vdc 500 mA max -20°C to +55°C
Function logics:	Pause time [5/10/15/30/60/120/180 sec.], logics A1/A2/S1/S2/E1/E2/B/C, pre-flashing
Pedestrian opening:	Yes
Run time:	N/A
Pause time:	5 to 120 seconds
Thrust force:	N/A
Terminal board inputs:	open, partially open, stop, closing safety devices, limit-switch
Rapid connector:	5 pin card connection for minidec, decoder or RP receiver
Programming:	Dipswitch
"Basic" programming functions:	Logic, pause time, pre flashing, indicator light
Status indication:	LEDs

884 Technical Specifications

Power Supply:	230 Vac (+6% - 10%) 50 [60] Hz 400 Vac 3ph (+6% - 10%) 50 [60] Hz
Absorbed power:	850 W
Absorbed current:	2.7A (230V) - 1.6A (400V)
Motor rotation speed:	1400 rpm
Clutch:	twin disk in oil-bath
Operating ambient temperature:	-20°C to +55°C
Duty cycle:	under 2000kg in weight 15 cycles p/h over 2000kg in weight 9 cycles p/h (on 20m gate)
Gate max length:	42m
Max weight of gate:	3500kg
Gate speed:	10m/min [Z16]
Operator weight with oil:	50 kg
Type of oil:	FAAC HP Oil
Limit-switch:	with lever and roller microswitch
Protection class:	IP 55

