



For gates up to
2200 kg.



Sliding Gate Systems



Simply the world's best welcome. And that's a FAAC^T.

844

For gates up to 2200 kg.

844 – The Cost Effective Option for Industry

The 844 operator has been designed to provide the most cost-effective solution for moving even the heaviest gates in either commercial or industrial applications. The electronic equipment can be fitted either internally or remotely, allowing for a more efficient installation.

844 – Strength with the Gentle Touch

Constant oil bath lubrication of the mechanical components, together with single high-strength die-cast aluminium casing, ensures a very long service life. The 844 system uses a disc clutch which is adjustable to specific torque requirements.

844 – Security with Economy

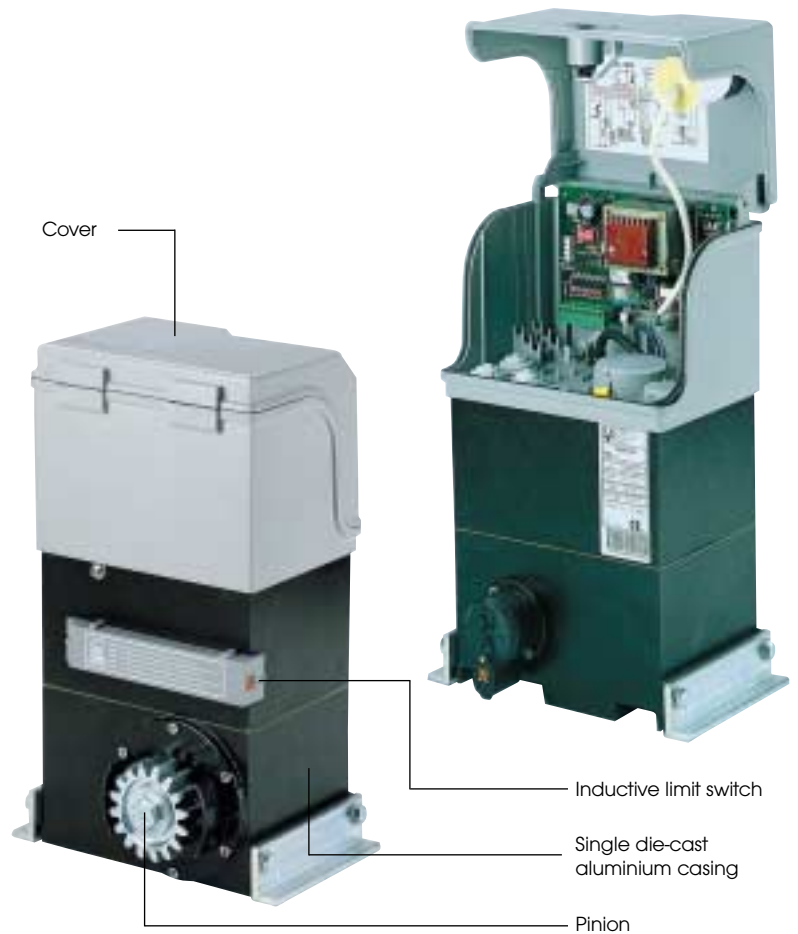
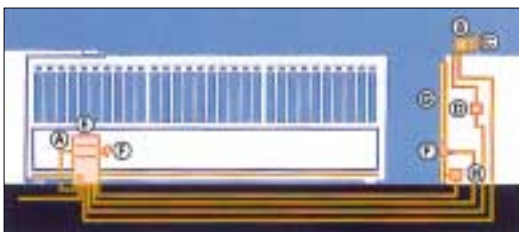
As the gear unit cannot be reversed, unnecessary expenditure on electric locks can be avoided. However the release device enables manual operation in the event of power failure - this feature is available with a customised key.

FAAC – Simply the world's best welcome

World leaders for over 30 years, FAAC offer total reassurance of the highest quality gate operating systems backed with a national network of qualified installers. Each of our systems is designed to meet the on-going demands of usage with the highest level of reliability and the minimum maintenance support.

INSTALLATION LAYOUT

- A. Gear motor FAAC 844
- B. FAAC LAMP, MINILAMP
- C. Radio receiver
- D. Control devices: flush mounting T10 and T11, external T20 and T21, FAAC SWITCH, METALDIGIKEY, DIGICARD
- E. 844 MP, 844 BC control unit
- F. Photocells, external PHOTOBEAM/SAFEBEAM
- G. Safety edge S 30
- H. Junction box with pressure switches



844 / 844 3 PHASE / 844 REVERSIBLE

	844	844T	844R
Motor Power supply	230V (+6%, - 10%), 50/60 Hz	400V (3 phase) (+6%, - 10%), 50 Hz three phase	230V (+6%, - 10%), 50/60 Hz
Absorbed Power	650W	950W	550W
Current drawn	3.5A	2.5A	2.5A
Maximum thrust	1100N (Z16)	1900N (Z16)	830N (Z12)
Motor speed	1400rpm	1400rpm	750rpm
Motor winding thermal cutout	120°C	135°C	140°C
Duty cycle	50%	60%	30%
	17 cycles per hour on a 5m gate (Z16)	26 cycles per hour on a 5m gate (Z12) 34 cycles per hour on a 5m gate (Z16)	20 cycles per hour on a 5m gate
Clutch disk oil bath			
Reduction ratio	1:30	1:30	3:29
Operating temperature range	-20°C to + 55°C	-20°C to + 55°C	-20°C to + 55°C
Weight with oil	14.5kg	15kg	15kg
Oil type	FAAC Oil XD 220	FAAC Oil XD 220	FAAC Oil XD 220
Gate Speed	9.5m/min (844 using the Z16 pinion) 12m/min (844 Z20 pinion) max wt reduced to 1000kg	7.2m/min (using the Z12 pinion) 9.5m/min (using the Z16 pinion) max weight reduced to 1600kg	gate speed 11.6 m/min (using the Z12 pinion)
Limit switch	inductive with stop plate	inductive with stop plate	inductive with stop plate
Max gate length	50m (Z20) 40m (Z16)	40M	49M
Max gate weight	1800kg	2200kg	1000kg

CONTROL BOARD TECHNICAL SPECIFICATION

	844MPS	844BC	844T	844MPS-R
Power Supply	230V (+6%, - 10%), 50/60 Hz	230V (+6%, - 10%), 50/60 Hz	400V (+6%, - 10%), 50/60 Hz	230V (+6%, - 10%), 50/60 Hz
Motor max load	650W	650W	950W	650W
Programmable logics	A/E/S	B/C/BC/CB	A/E/S/B/C	A/E/S
Programmable functions	Warning light pause times	Warning light	Warning light pause times	Warning light pause times
LED's	inputs limit switches	power limit switches	inputs limit switches	inputs limit switches
Fuses	transformer motor accessories	motor accessories	transformer accessories	transformer motor accessories
	Trimmer for braking adjustment			
Operating temp range	-20°C to + 70°C	-20°C to + 70°C	-20°C to + 55°C	-20°C to + 55°C
Housing protection	IP55	IP55	-	-
Accessories power supply	24V, 500mA	-	24V, 500mA	24V, 500mA



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