



LIFTMASTER

Magic Button 844

MOTOR FOR SLIDE GATES

APPLICATION

The **Magic Button 844** operator has been designed to provide the simplest, most cost effective solution for moving heavy gates on commercial and industrial sites (ie Chemical plants, fuel & transport depots and home units).

ECONOMICAL INSTALLATION

The electronic equipment is conveniently housed under the motor cover to make installation easier and faster.

SECURE LOCKING

The installation of an electric lock is unnecessary as the motor and gear unit cannot be reversed. The release device is locked and allows simple disconnection by way of a key in the event of a power failure.

CONTROLS

The **Magic Button® MB106** logic control board designed and made by Liftmaster in Australia features six different operating modes. From simple operation through to high security functions. Outputs for safety devices, clock timers and all types of access control equipment are standard.

MAINTENANCE

Constant lubrication of the mechanical components, which are all mounted in an oil bath and assembled in a single high-strength die-cast aluminium casing, ensures a very long service life.

ADVANCED RESEARCH

Continuous technological development building on thirty years leadership is your guarantee of an unsurpassed product.



ACCESSORIES

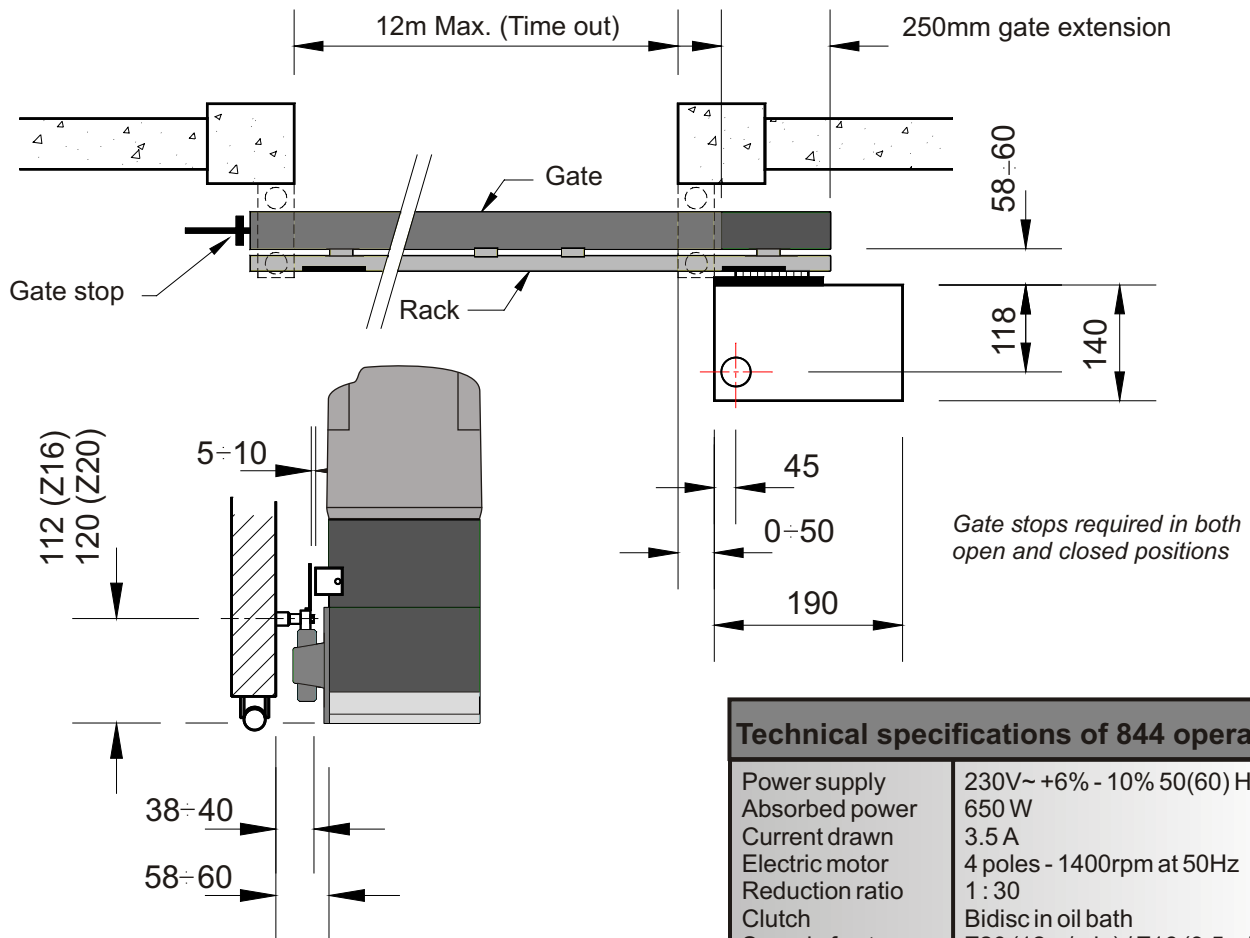
- Photo electrics beams
- Emergency stop controls
- Vehicle detectors
- Traffic lights
- Flashing lights
- Safety edge profile
- Radio & access control





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Technical Specifications



The **844** drive motor is housed in a black anodised aluminium casing with high resistance to atmospheric corrosion. A double disc clutch in an oil bath allows fine adjustment of the driving force.

The **Magic Button**® Control board is mounted under the hinged and lockable motor cover and is fully protected from the weather. A conduit hole through the mono block provides access for power and accessory cables.

Technical specifications of 844 operator	
Power supply	230V~ +6% - 10% 50(60) Hz
Absorbed power	650 W
Current drawn	3.5 A
Electric motor	4 poles - 1400rpm at 50Hz
Reduction ratio	1 : 30
Clutch	Bidisc in oil bath
Speed of gate	Z20 (12m/min) / Z16 (9.5m/min)
Rack type	Module 4
Max. Torque	35Nm
Max. Thrust	55 daN (Z16) 44 daN (Z20)
Amount of oil used	2 litres
Type of oil	Castrol Hyspin AWH15 or equiv.
Temperature range	-20°C to +55°C
Weight of operator	17 kg
Housing protection	IP 55
Max. Thrust	110 daN
Thermal cutout	130°C (on winding)

Liftmaster is not responsible for the failure to observe good technique in the design and construction of the structure to be motorised or any deformation that may occur during us.



LIFTMASTER®



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As Liftmaster Electronics policy is one of constant improvement, we reserve the right to alter any part of these specifications without notice and without incurring any obligation.