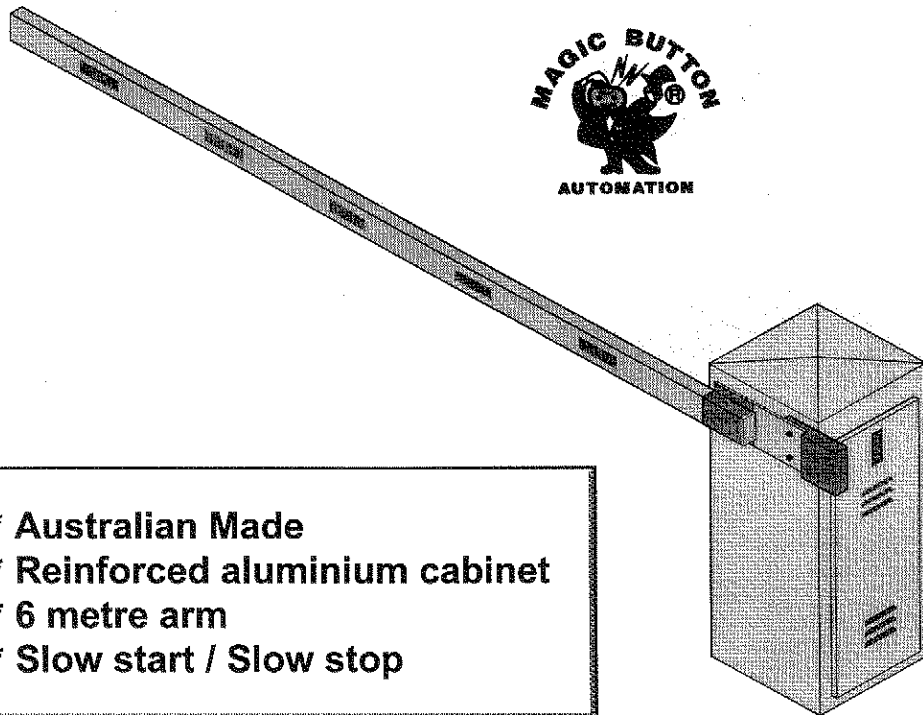


LIFTMASTER

Barrier Gate Series 960

- * Australian Made
- * Reinforced aluminium cabinet
- * 6 metre arm
- * Slow start / Slow stop



Gate Housing

The *Series 960 Barrier Gate* housing is constructed of rust proof 3mm marine grade aluminium. All seams are welded with a reinforced interior frame of 5mm angle.

The reinforced door provides added strength to the cabinet. It has louvres for ventilation and is secured by a vandal resistant flush mounted keyed lock.

The standard colour is powder coated ripple white with other colours available on request.

The gate housing door is mounted to the rear of the cabinet to enable servicing of the unit away from the vehicle path, allowing safe, easy access.

Motor Drive

The special 240V Three phase motor is driven through a variable speed controller (240V supply required), with a 7 second opening time and 7 second closing time. The motor is connected by a V-belt to a heavy duty single reduction gear box.

The gear box transmits power to the gate arm drive shaft through a harmonic crank and connecting rod

with adjustable limit switches and cams regulating the gate arm travel. The crank, connecting rod and mainshaft are manufactured from heavy duty rolled steel plated to deter rust and corrosion with heavy duty bearing blocks for support.

The limit switches and regulating cams eliminate the need for mechanical stops and braking devices.

Gate Arm

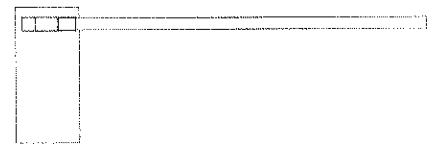
The arm is available in 100 x 50 x 1.6mm aluminium box section (Max. Weight 1.3 kg per metre), powder coated white with optional reflective tape. A single counter weight obviates the need for counter balance springs. The arms can be mounted on either left or right hand mount. This allows for best positioning in difficult situations and correct alignment of dual gates.

Gate Controls

The 960 Barrier is controlled by a variable speed inverter with a slow start / slow stop feature. The **Magic Button**® 6961K control board provides various modes of operation.

A wide range of control equipment from simple mechanical reversing

switches to Liftmaster Logic Parking Controls and PLC's is available. The easily accessible control mounting plate fits a variety of devices including vehicle detectors. Operation with ticket dispensers, card access, token/coin acceptors, radio control and vehicle counters are available with this panel.

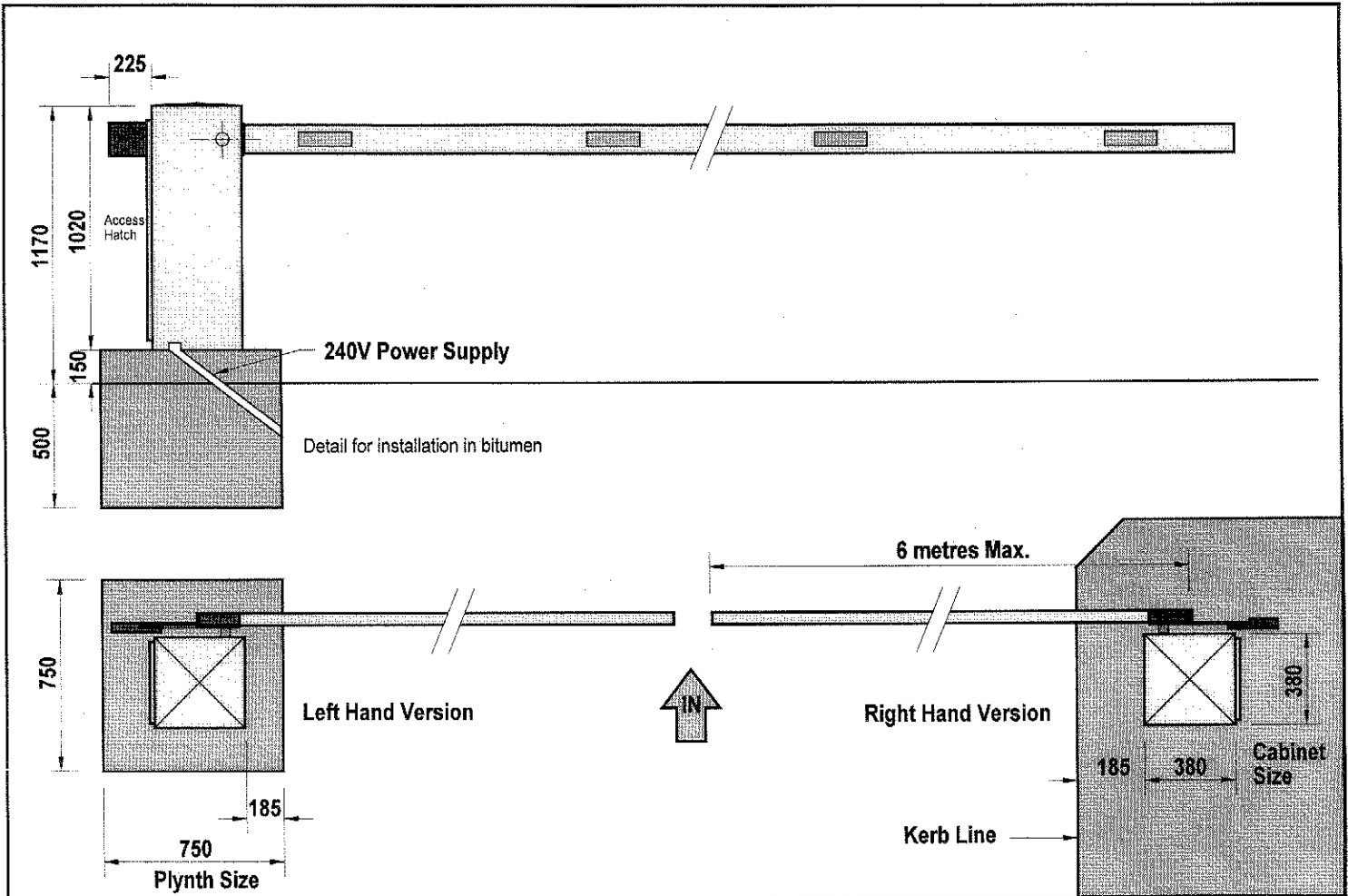


Accessories

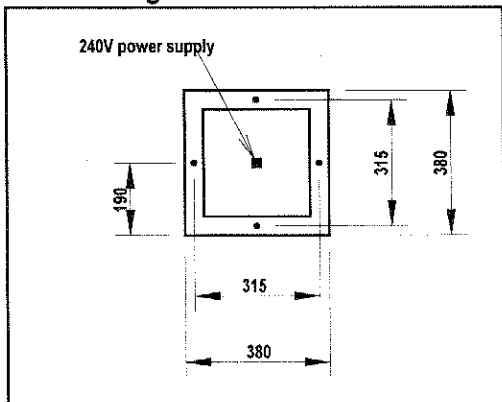
- ▶ Barrier alarm to monitor breakages or removal
- ▶ Pendulum support
- ▶ Signage warning signs and stop signs
- ▶ Photo electric beams
- ▶ Vehicle detectors
- ▶ Safety edge
- ▶ Proximity readers



LIFTMASTER



Mounting Details



Preparation

1. Adequate footings are required for mounting the cabinet, keeping in mind it is ideal to elevate the base of the cabinet 150mm above the driveway surface.
2. A mains isolation switch is to be provided by the builder. For installation instructions please refer to the operation manual.

Magic Button®

Tech Data - 960

Weight excluding boom	70 kg
Max. arm length	6 metres
Max arm weight	8 kg
Motor type	240V - Three phase
Frequency	Running speed - 15Hz
Speed	7 seconds
Power consumption	0.56 kW
Supply required	240V Single phase

Distributed By:

LIFTMASTER ELECTRONICS PTY LTD A.B.N. 58 000 266 035

PO BOX 54 ALEXANDRIA NSW 1435 AUSTRALIA PH: 61 (02) 9699 9654 FX: 61 (02) 9699 8443

website: <http://www.spec-net.com.au/liftmaster>