



LIFTMASTER

Barrier Gate Series 930



- Australian Made
- High Speed 1.5 Seconds
- Aluminium Construction
- High Duty Cycle
- (800 cars per hour)

Gate Housing

The Series 930 Barrier Gate housing is constructed of 3mm powder coated aluminium. All seams are welded and the interior framing is a 5mm aluminium welded angle.

The reinforced door provides added strength to the cabinet, has 6 louvres for ventilation and is secured by a vandal resistant flush mounted keyed lock. The standard colour is powder coated white with other colours available upon 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 easy access and safety. For limited rear space situations the door can be mounted to the front of the cabinet.

Motor Drive

The gate arm is driven by a 1/3 HP heavy duty, high output torque, 240v single phase, instant reverse motor with a duty cycle exceeding 800 operations per hour. The motor is connected by two V belts to a heavy duty single reduction gear box. The gear box transmits power to the gate arm drive shaft through a harmonic acting

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

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

Gate Arm

The arm is available in 3 or 4 metres lengths and is constructed of aluminium. (Max. weight 0.8 kg per metre) The arm is constructed of 1.6mm x 60mm round aluminium, powder coated (standard white) with reflective film. The arm is equipped with an internal sleeve to ensure a clean break and easy reinstallation if the arm is heavily hit.

The arm can be mounted on either a left or right hand mount. This allows for best positioning in difficult situations and correct alignment of dual gates.

Options

Additional speed options include a high speed Tollway Barrier of 0.8 seconds and a

slow speed Low Traffic barrier of 5.0 seconds.

Controls

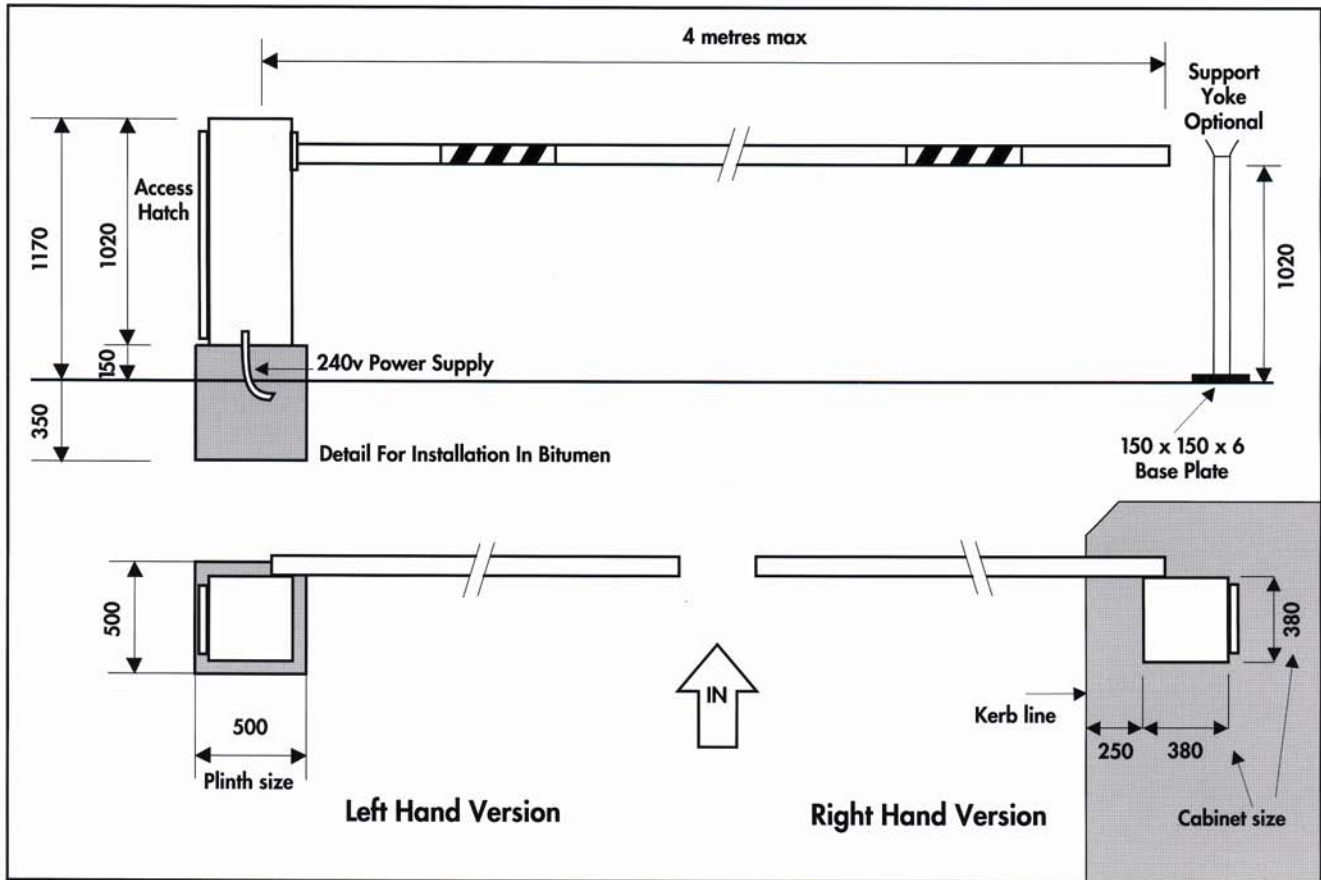
Liftmaster offers a wide range of control equipment from simple mechanical reversing switches to Liftmaster logic parking controls and PLC. The easily accessible control mounting plate fits a variety of devices including vehicle detectors required for one or two way lanes. Operation with ticket dispensers, card access, token/coin acceptors, radio control and vehicle counters are available with this panel.

Accessories

- Barrier arm alarm to monitor breakages or removal.
- Hold down magnets.
- Pendulum support
- Safety edge.
- Folding gate arm (optional) for restricted headroom installations.
- Signage warning signs and stop signs.
- Vehicle detectors
- Photo electrics



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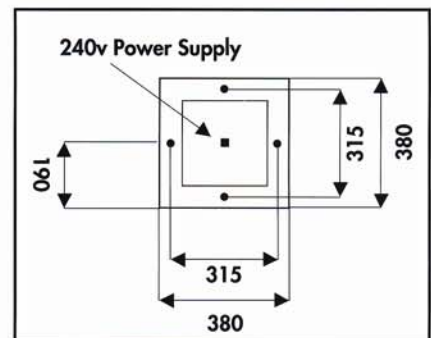
Preparation

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.

Internal View



Mounting Detail



Tech Data - 930

Weight excluding boom	46 kg
Max arm length	4 metres
Motor Type	240V split phase
Frequency	50 Hz
Speed	1.5 seconds
Power Consumption	2.6 amps

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