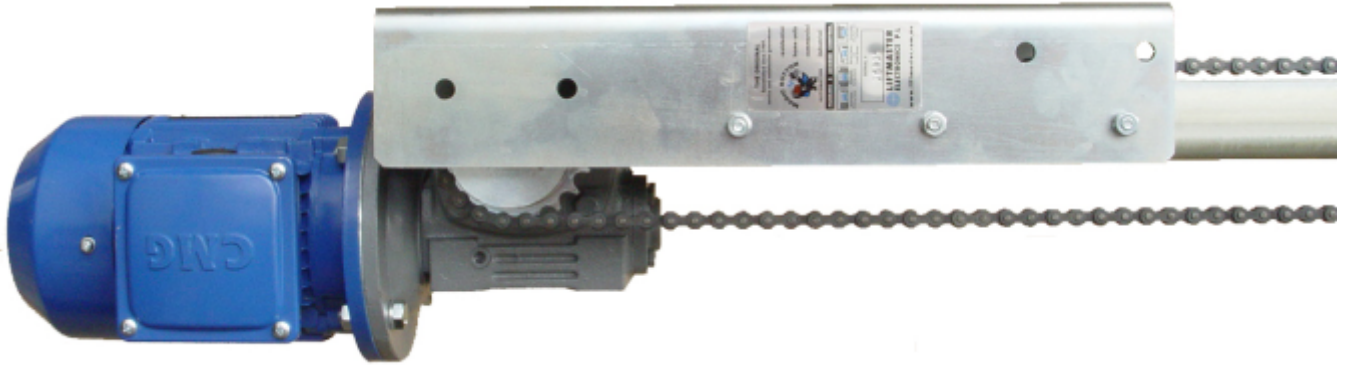




# LIFTMASTER

## *Overhead door operator for high use car parks*



### Models 525 and 505

#### **APPLICATION**

Designed and manufactured in Australia by **Liftmaster**, the 505 (3 phase) and 525 (single phase) sectional overhead door operators are robustly manufactured for sectional doors where intensive use conditions apply, such as; high rise office buildings and strata plans for doors with a maximum height of 3.8 metres.

#### **MOTOR**

½ HP Single phase or 3 Phase fan cooled motor for continuous operation.

#### **GEAR BOX AND DRIVE**

An efficient long lasting oil filled gearbox gives quiet operation. The drive trolley is of hard wearing, self-lubrication nylon to ensure smooth quiet movement along the self-supporting tracks. A heavy duty, adjustable & continuous chain controls the movement of the trolley and is driven directly off the gearbox. Idler sprockets are used to support the chain. The front idler is fitted with a sealed bearing to prevent wear, with the intermediate roller made of hard wearing nylon.

#### **CLUTCH**

A sensitive adjustable clutch adds additional protection to the door and motor in case of an obstruction.

#### **QUICK RELEASE**

In the event of a power failure, a simple disconnect device is fitted to the drive trolley.

#### **LIMIT SWITCHES**

A limit switch is fitted to each end of the angle tracks with a clip lock plate to ensure accurate positioning of the door in the open and closed position.

#### **CONTROLS**

The Liftmaster Logic Control features the Magic Button control board and offers a full range of options suitable for every application. The Logic Control box models include:

- 500111 - Logic Control (PVC) 3PH
- 500112 - Logic Control (Steel lockable) 3PH
- 500114 - Logic Control 240V
- 500131 - Logic Control (PVC) 1PH
- 500132 - Logic Control (Steel lockable) 1PH

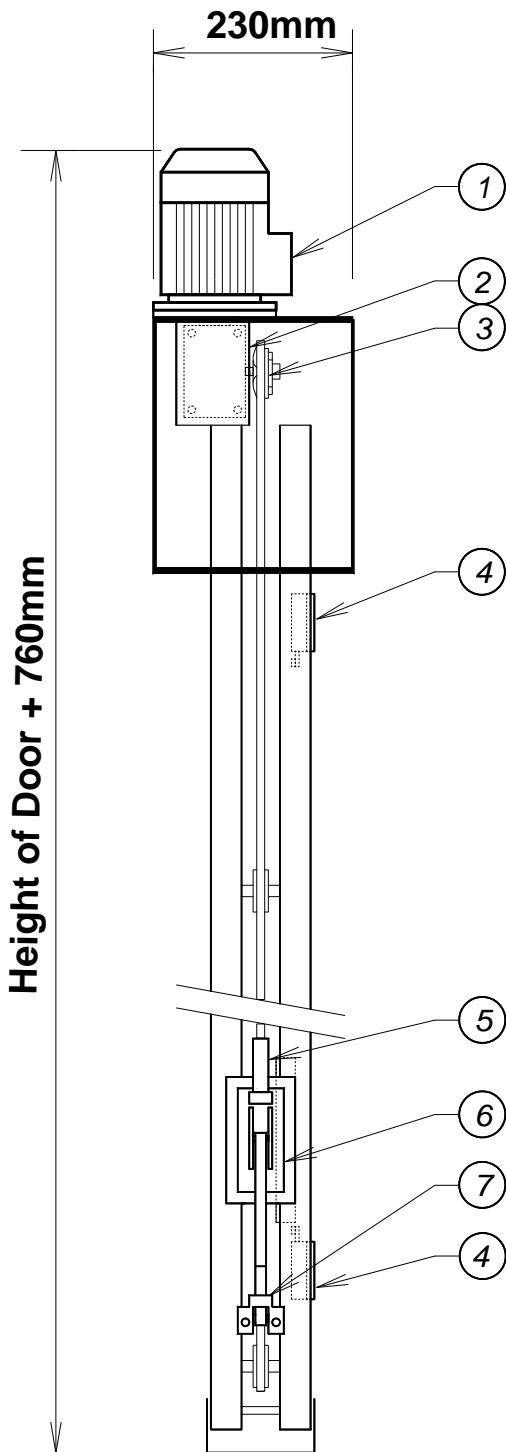
#### **ACCESSORIES**

- ▶ Photo electric beams
- ▶ Vehicle Detectors
- ▶ Safety edge profile
- ▶ Emergency stop controls
- ▶ Flashing lights
- ▶ Traffic lights
- ▶ Radio & access control





# LIFTMASTER



## Models 525 and 505

### LOGIC CONTROL

When coupled with our logic controller, a comprehensive range of control functions are available, eg. radio control, card reader, key switch, etc.

The door will open and close after the PE beam is crossed and cleared. If the beam is interrupted when the door is closing the door will stop, reverse, reset and close.

Refer to our Magic Button Logic Control Information for full details.

### ADDITIONAL OPTIONS

- \*Cards Readers
- \*Key Switches
- \*Radio Control
- \*Programmable Radio Control
- \*Photo Electrics (PE)
- \*Vehicle Detectors

### HEADROOM

Add an extra 100mm to the headroom of your doors specified head clearance.

### BACKROOM

Add 760mm behind the door when in the up position.

- |                    |                              |
|--------------------|------------------------------|
| 1 Fan cooled motor | 5 Chain adjustment           |
| 2 Gear box         | 6 Trolley                    |
| 3 Torque limiter   | 7 Disconnect arm and bracket |
| 4 Limit switches   |                              |



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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.