

**INDUSTRIAL SLIDE GATE OPERATOR**

**SL585**



**DURABLE HEAVY-DUTY GEAR-DRIVEN SLIDE GATE OPERATOR**

**For use on heavy gates and high-cycle applications such as gated communities and industrial locations**

The powerful design supports gate lengths up to 75 ft. and gate weights up to 1,900 lbs. A strong powder coated galvanized steel chassis, all-weather gearbox, as well as a weather-resistant, lockable cover ensure years of rugged and reliable performance. This model is ideal for heavy commercial and industrial installations and is UL325-compliant.

**Built-In Receiver**



Exclusive from LiftMaster®, a single remote control solution for gate access and additional access points.

**LiftMaster®**

# SL585

## STANDARD FEATURES

### Universal Footprint

Easily adapts operator to common footprints. Simplifies retrofit applications by adapting to pre-existing pads for Link, Stanley or LiftMaster® operators.

### Larger Control Box

Provides ease of access to major components and improved terminal strip labeling simplifies installation and saves time.

### Integrated 3-Button Control Station

3-button control station incorporated into the outside of the control box to speed installation and troubleshooting.

### Inherent Obstruction Sensing

This unit's internal obstruction sensing system offers separate force adjustments for both the open and closed directions. If the gate strikes an obstruction, a closing gate will reverse to open and an opening gate will stop.

### External Obstruction Sensing

Input connections are provided for external contact and non-contact sensors, such as photo-eyes and edge devices.

### Advanced Dual Gate Operation

This convenient 2-wire system allows the operation of 2 separate gate operators in unison at a single entrance. This advanced system provides the added convenience of connecting accessories to either operator.

### Sequenced Access Management

The sequenced access management (SAM) system provides the capability to sequentially control the operator in tandem with a barrier gate.

### LED Indicators

Operator input, status and diagnostic LEDs simplify setup and troubleshooting.

### Control Inputs

Control inputs allow the connection of a full range of optional external devices like loop detectors, access control systems and radio receivers.

### Digital Logic Control

Supports long-distance control wiring runs of over 1,000 feet, providing you greater flexibility of gate operator site placement.

**To comply with UL325, installation of secondary entrapment protection devices is required with this operator. Ask your installer which safety device is correct for your application.**

## OPTIONAL EQUIPMENT

### Plug-in Loop Detectors

Thermostatically Controlled Fin Type Heater

### Auxiliary Contact Blocks

Remote Antenna Mounting Kit

### Surge & Spike Protection

Specially designed circuitry provides excellent protection from external spikes or surges.

### Warning Device

UL325-compliant entrapment warning alarm has the ability to be set for pre-operation warning. This will provide a 3-second warning prior to and during gate movement.

### Loop Detector Inputs

A full range of inputs are available to support exit, shadow and interrupt loop detectors.

### External Alarm Reset Button

This allows for quick reset of the gate operator when the alarm has been activated.

### Timer To Close

Adjustable timer can be set from 1 to 180 seconds. The unit will automatically reset upon receiving any additional open commands.

### Maximum Run Timer

Protects against damage to the gate and operator by limiting the unit's run time to 120 seconds.

### External Manual Disconnect

Convenient, easy-to-access disconnect allows gate to be opened in the event of a power loss without removing the operator cover.

### Mechanical Braking

The mechanical braking system adds substantial gate position control at all points in travel. This solenoid-actuated brake system also prevents the gate from being back-driven.

### Limit Settings

All driven limit nut switches are fully adjustable, adding considerable convenience to unit installation and maintenance.

### Lockable Hinged Access Door

Weather-resistant, lockable, hinged design allows for easy access to the unit's electronics for installation or servicing needs.

## SPECIFICATIONS

### Operator Speed

11 inches per second

### Power

115/208/230 VAC,  
Single Phase - 60Hz

208/230/460/575 VAC,  
Three Phase - 60Hz

### Accessory Power

24 VAC

### Operator Weight

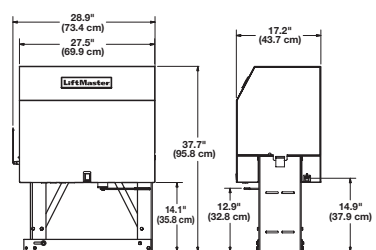
240 lbs.

### UL Listed

UL991

UL325: Class I, II, III and IV

### Dimensions



Diagonal support braces shown are standard only on 1-1/2 HP operators

### Construction

Gear Reduction:

20:1 Wormgear Reducer in  
Synthetic Oil Bath

Motor:

1/2 to 1.5 HP Continuous-Duty

Metal Frame:

7-Gauge Pre-Galvanized Steel

Enclosure:

Weather-Resistant, Lockable,  
16-Gauge Steel Cover

Chain:

#50 Nickel-Plated (25 ft. supplied)

### RECOMMENDED CAPACITIES

HP	MAX. GATE WT. (lbs.)	MAX. GATE WIDTH (ft.) (Overhead/V-Groove)	MAX. GATE WIDTH (ft.) (Cantilever)	CYCLES /HR.
1/2	1000	45	25	20
1	1600	70	35	20
1.5	1900	75	40	20

### 2 YEAR WARRANTY

# LiftMaster®

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