

SL3000UL™ MODELS
COMMERCIAL
SLIDE GATE OPERATORS

CHAMBERLAIN
ELITE



THE MOST RELIABLE
COMMERCIAL SLIDE GATE
OPERATORS IN THE INDUSTRY

CHAMBERLAIN

ELITE®



SL3000UL™ Models

Exceeding expectations for high-traffic applications

Standard features

- 120V AC power
- 24V DC board
- Built-in radio receiver
- Highly efficient, extremely quiet
- Surge/lightning protection
- Alarm reset button
- Weatherproof high-density polyethylene cover
- Gold zinc-plated chassis eliminates corrosion
- High-speed precision limit switches
- Solid steel, machined pulley
- #41 chain

The SL3000UL™ models of slide gate operators are the first choice for heavy-traffic applications and high-demand customers including large development and management companies, prestigious residential gated communities and custom home builders.

Featuring the highest quality components and backed by years of proven reliability, each unit is carefully inspected and mechanically tested to provide unsurpassed performance. Unique engineering innovations ensure that any SL3000UL™ models will meet the needs of almost every type of high-traffic gated entrance. All backed by the safety and reliability of the most advanced control board in the industry.

Heavy-duty strength and reliability

Elite™ operators are skillfully crafted in every detail. Each model features the most advanced and most complete list of components available in the industry.



Built-in Radio Receiver

Includes a factory-installed 312HM radio receiver for use with DIP switch, billion code and Security+® remote controls. Allows for one LiftMaster® remote control to conveniently open the gate and additional access points.



Surge/Lightning Protection

Elite™ commercial gate operators are protected against lightning strike within a 50-foot radius of near lightning strike. This ability to handle high power and the fast response capability are accomplished by the use of a two-stage hybrid network of surge suppressors integrated in the terminal block.



Soft Stop

Gate travels through the cycle at normal speed and comes to a stop slowly for more accurate gate cycle. Equipped with integrated time delay for long mechanical life expectancy.



Reversing Sensor

Instant reversing gate motor(s) uses high-speed ball bearings for a smooth and quiet operation. If the gate is closing and hits a vehicle, the sensor detects the increased load on the motor and reverses. If the gate is opening and hits a vehicle, it stops and reverses.



Alarm Reset Button

The alarm reset button will instantly reset the built-in safety alarm siren on all new OmniControl™ operators, allowing normal function without waiting for the alarm status to time out.



Modular OmniControl™ Board

The Omni board uses LEDs to indicate all input and output functions of the gate operator and plug-in loop detector technology.



Wormgear Reducer

A highly efficient, extremely quiet, 30-to-1 wormgear reducer is used. Emergency access models use a 10-to-1 wormgear reducer.



Electronic Motor Disconnect

Electronic motor disconnect prevents activation of the motor while under manual operation. Not applicable on emergency access models:

Advanced safety and performance engineering

The OmniControl™ board provides enhanced, reliable performance that meets or exceeds all UL325 and UL991 specifications. Exclusive to Elite™ commercial gate operators, this board ensures the equipment you install includes the latest requirements and most advanced technology in the industry. Additional performance benefits include easy access to all inputs and outputs, solid-state motor control, spike suppressors and integrated safety alarm that put Elite™ commercial gate operators in a class by themselves.



Added options offer more flexibility

SL3000UL™ models of gate operators offer a large choice of accessories to allow you to create a system specific to your installation needs.



DC2000™ Power Backup*

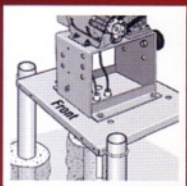
The DC2000™ keeps the traffic moving during a power outage. It mounts directly on the machine and is the perfect companion to the system. You will never again be a prisoner of your own gate.

The DC2000™ works only with the SL3000UL™ and SL3000ULD™ slide gate operators and the CSW200UL™ and CSW200ULD™ swing gate operators.



Integrated Loop Detector

Easy to install, modular, plug-in loop detector inputs for exit loop and safety loop.



Post Mounting Plate

Allows for post mounting of Elite™ commercial gate operators that require the operator to be elevated off the ground. Mounts using 3" U-bolts or the post can be welded directly to the plate. Works with all SL3000UL™ and CSW200UL™ commercial gate operator models.



Heater*

A gearbox heater is available to keep the gearbox running in its optimum temperature range.



Power Wheels

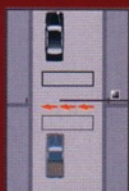
The 4" and 6" Power Wheels™ are manufactured by a computer-controlled lathe machine and made from solid, cold rolled steel. They can be used on heavy gates and never require any maintenance. Power Wheels™ are 30% more efficient in torque transfer from wheels to operator than other wheels such as cast iron or plastic.

They are available in two models, the gold zinc-plated Power Wheel™ or the heat-treated Power Wheel 2™ for extra durability and rust resistance.

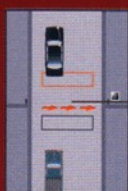
*Available factory installed

Quick Close Circuit

The QCC is a function of Elite's slide gate operators that can be enabled by installation of an optional "Code Button" into the Omni Option control board. Recommended for large gates, 16 feet and longer, this unit is ideal for industrial applications like storage facilities, warehouses and gated communities with a guardhouse. The illustrations below visually describe the effectiveness of the QCC.



PICTURE 1



PICTURE 2



PICTURE 3

Picture #1: The authorized command vehicle enters and leaves the loop.

Picture #2: The gate closes as the authorized vehicle clears the loop.

Picture #3: Unauthorized vehicle attempts to enter, but QCC stops the gate, which forces the unauthorized vehicle to either move ahead (if there is room) or back up. QCC will not reset until the unauthorized vehicle has cleared the loop.



SL3000UL™

High-traffic commercial slide gate operator

The SL3000UL™ is recommended for high-traffic applications such as gated communities and commercial buildings. Designed for smooth, exceptionally quiet performance, the unit can handle continuous operation with gates weighing up to 1,000 lbs. and up to 37 ft. in length with a traveling speed of 12 inches per second.

SL3000ULD™

Dual-motor/high-temperature commercial slide gate operator

Unlike any other slide gate operator, the SL3000ULD™ features a patented dual-motor drive system for superior performance in hot weather climates such as desert environments. Engineered for high-traffic commercial applications, the unit is designed to operate without overheating, using one motor to open the gate and the other to close it. Capabilities include continuous operation with gates weighing up to 800 lbs. and up to 37 ft. in length.



SL3000UL1HP™

Heavy-duty, one-horsepower commercial slide gate operator

The SL3000UL1HP™ is our most powerful slide gate operator. Equipped with two 1/2 HP motors and a heavy-duty transmission, it is the perfect choice for large, heavy wrought-iron gates. With 210 lbs. of pulling torque, the unit is capable of 35 cycles per hour on gates weighing up to 2,000 lbs. and up to 37 ft. in length.

SL3000ULE™

New emergency access slide gate operator

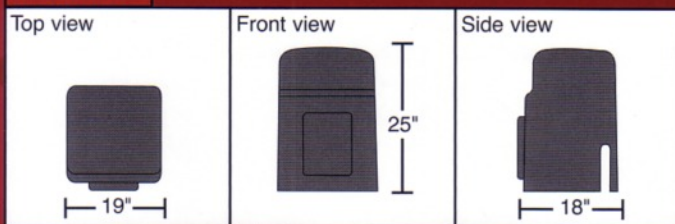
Due to certain local code specifications, we are now introducing to you the SL3000ULE model that is able to be back-driven by hand for emergency access when there is a power outage. Additionally, when power is present there is a convenient, easy-to-identify emergency release button located on the front cover of the gate operator. Press it once to disconnect the operator, and press again to reset the operator. We have created the emergency access gate operators in the following three models: SL3000ULE3, SL3000ULDCE3 and SL3000UL1HPE3.



SL3000UL™ MODELS

COMMERCIAL SLIDE GATE OPERATORS

Dimensions



Electrical Specifications

MODULAR BOARD	Uses LEDs to indicate all input and output functions of the gate operator.
ERD	If the gate hits a vehicle while closing, it re-opens. If it hits a vehicle while opening, it stops, reverses 4 to 6 inches and stops again.
DIGITAL MOTOR PROTECTION	Entrapment sensor shuts off the motor after it reaches the stall amp for 3 seconds, reverses direction for several inches and stops.
ELECTRONIC INPUTS	Radio receiver, key switch, safety loop, exit loop, telephone entry system, computer input, fire dept. key switch and 3 push button station.
ELECTRONIC MOTOR DISCONNECT	Prevents activation of the motor while under manual operation. Meets latest UL325 rev. 5 standards.
TIMER	Adjustable timer can be set from 0 to 60 seconds.
POWER INPUT ON/OFF SWITCH	Controls power input to the board with convenient switch.
POWER MANAGEMENT	Board includes electronic power management with over-current shutdown and automatic recovery.
MAGNETIC LOCK	With Omni Option board, magnetic lock system is incorporated, allowing you to easily add the (MG1300™) electromagnetic locking system to the gate.
BURGLAR ALARM	With Omni Option board, interfaces with existing home alarm or alarm output.
3 PUSH BUTTON CONTROL	On-board gate operator control for close, stop and open.
INTELLIGENT MASTER/SECOND	Precise, synchronized movement and communication between two gate operators using 3-wire RS485 bi-directional technology.
SURGE SUPPRESSOR	20,000 amps and near lightning protection with modular Omni surge suppressor. Initial response time: 0.000000000001 second.
ALTERNATE OUTPUTS	With Omni Option board 3 push button command control, burglar alarm input and output. QCC option available.
GATE TRAVELING TIME	Adjusted by a precision mechanical device and electrical limit switch system.
SOFT STOP	Gate travels through the cycle at normal speed and comes to a stop slowly for more accurate gate cycle. Equipped with integrated time delay for long mechanical life expectancy.
INTEGRATED LOOP DETECTORS	Easy to install, modular, plug-in loop detector inputs for exit loop and safety loop.
120V AC POWER	Built-in 120V AC power receptacle (NEMA 5-15).
MOTOR DRIVE	Solid-state electronic motor drive system is incorporated into board.
RADIO RECEIVER	Includes a built-in 312MHz radio receiver for use with DIP switch, billion code and Security+® remote controls. Allows for one LiftMaster® remote control to conveniently open the gate and additional access points.
ALARM	Activates anytime the moving gate is physically stopped by an obstruction.

Mechanical Specifications

CHASSIS	Constructed with 1/4" sanded, welded and gold zinc-plated sheet metal.
WORMGEAR REDUCTION	Two 30-to-1 wormgear reduction in an oil bath.
COVER	High-density polyethylene plastic for excellent heat and corrosion resistance.
FINISHING	All metal parts are gold zinc-plated for rustproof protection.
EMERGENCY RELEASE	Hand crank is standard. Best option is our DC2000™.
OUTPUT SHAFT	1" cold rolled steel.
GATE TRAVELING SPEED	12" per second average.

Available Models

SL3000UL™	
MOTOR	1/2 HP, instant reversing, 120V AC, 4 amp, 1,625 rpm, high-speed ball bearings.
CYCLES	Capable of continuous cycles.
CAPABILITIES	Maximum gate length 37'. Maximum gate weight 1,000 lbs.
SHIPPING WEIGHT	130 lbs.
SL3000ULDM™	
MOTOR	Equipped with two 1/2 HP, instant reversing, 120V AC, 4 amp, 1,625 rpm, high-speed ball bearings. One motor opens the gate, the other closes it.
CYCLES	Capable of continuous cycles.
CAPABILITIES	Maximum gate length 37'. Maximum gate weight 800 lbs.
SHIPPING WEIGHT	157 lbs.
SL3000UL1HP™	
MOTOR	Equipped with two 1/2 HP, parking gate motors that work together, equaling 1 HP.
CYCLES	Capable of 35 cycles per hour.
CAPABILITIES	Maximum gate length 37'. Maximum gate weight 2,000 lbs.
SHIPPING WEIGHT	157 lbs.

7-Year Warranty
Single home application

5-Year Warranty
Commercial application

 **UL325 UL991**
compliant compliant

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