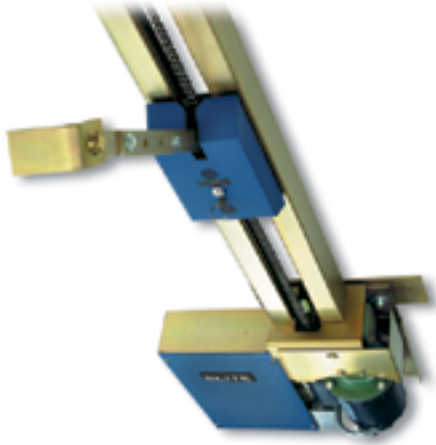


THE HERCULES OVERHEAD GATE OPERATOR



Elite Access Systems, Inc., introduces the Hercules overhead gate operator, designed for parking garages. Hercules is carefully engineered to operate without vibration or noise, unlike any other overhead gate operator on the market. Designed with quality in mind, Hercules has features that most companies have not even considered including on their overhead operators. It is equipped with a 40 to 1 gear reducer/box that is lubricated by an oil bath and provides smooth and very quiet operation. To further ensure quiet operation, the Hercules is equipped with four heavy-duty noise isolators. The high quality instant reversing parking gate motor is capable of continuous operational cycles per day and has digital overload motor protection. Hercules has a key release and there are no exposed components, therefore greatly reducing the risk of injury. Since Hercules is only 8 inches thick, up to 10 inches thinner than other overhead operators, it is a better and safer choice for all overhead gates, and the smartest choice for low clearance parking lots.

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, telephone entry system, computer input, fire dept. key switch & 3-push-button station.
- **Timer** – Adjustable timer can be set from 3 to 60 seconds.
- * **Power Input On/Off Switch** – Controls power input to the board with convenient switch.
- **Spike Suppressors** – Fast response time (50 nanoseconds) when subject to an impulse surge (lightning strike) up to 100 amps.
- **Alternate Outputs** – With Omni Option Board 3 push button command control, burglar alarm input and output.
- **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.
- **Power Management** – Board includes electronic power management with over current shutdown and automatic recovery.
- **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.
- **Motor Drive** – Solid-State electronic motor drive system is incorporated into board.
- **UL Alarm** – If the gate hits an object twice while opening or closing, the system will shut down and alarm will sound for five minutes. After five minutes the system will automatically reset itself. To reset the system during the five minutes, a manual reset button must be used.
- **120 VAC Power** – Built-in 120 VAC power receptacle (NEMA 5-15).



Design and specifications subject to change without notice.

THE HERCULES FEATURES AND UNIQUE DESIGN

Control Board

Elite OmniBoard™



All new UL model Elite commercial operators now use the OmniControl™ board for enhanced, reliable operation conforming to the new UL-325 and UL-991 specifications. This advanced electronic control board now offers integrated functions to make all input and outputs of the gate operator easy to access. It offers solid state motor control, spike suppressors, safety alarm and many other unique features. The new OmniControl™ board assures the latest requirements and most advanced technology in the industry, keeping all Elite commercial operators in a class by themselves.

Gear Reducer

The C-Mounted continuous cycle motor is the same 1/2 hp instant reversing parking gate motor used on most barrier gates. 40 to 1 gear box allow smooth and quiet operation.



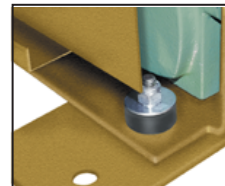
Key Release

Hercules comes with an emergency release equipped with a security key in case of power failure.



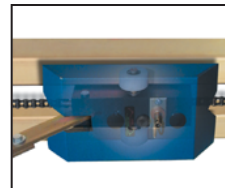
Noise Isolators

Hercules uses heavy duty rubber attachments to prevent noise and vibration.



Trolley Assembly

The trolley assembly operates on 6 uhmw rollers for high performance and reliability.



3 Year Warranty

Elite Access Systems, Inc. warrants the Hercules™ gate operator to be free of defects in workmanship and material for a period of 3 years from the date of purchase from Elite Access Systems Inc. Wear and tear on Hercules™ is included in this policy. Vandalism is not covered under this policy. Caution! In order to obtain the 3 year warranty, send the completed registration card by certified mail within 90 days from purchasing date. Otherwise you will obtain a one year warranty only.

