

**LEWIS
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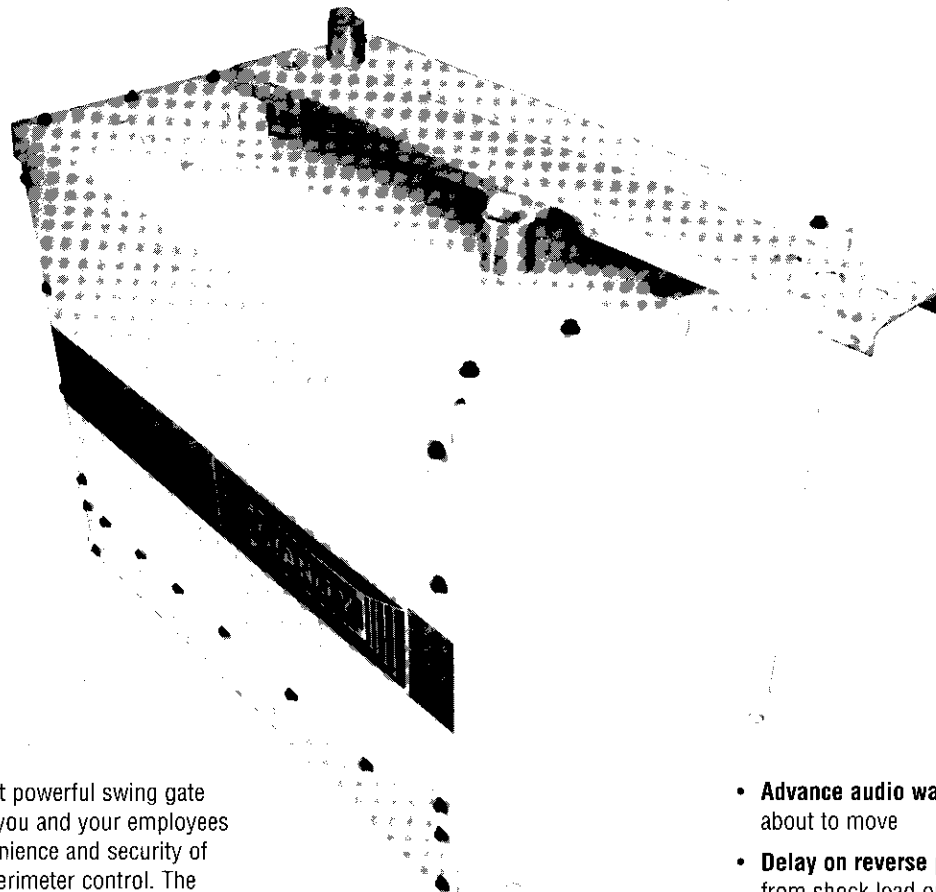
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**Please read all of the Warnings regarding
Installation and Design of a complete
operator system!**



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**For
Heavy-Duty
Commercial
and Industrial
Vehicular
Swing Gate
Applications**



Stanley's most powerful swing gate operator brings you and your employees the added convenience and security of limited-access perimeter control. The Model 490 performs 24 hours a day, seven days a week. Best of all, you reduce overhead because the Model 490 requires no coffee breaks, vacations or pay raises.

Typical Uses:

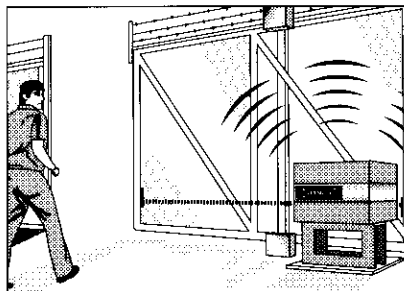
Stanley's most powerful swing gate operator for single or double commercial/industrial gate installations. The Model 490 is specifically designed for swing gates up to 26 feet wide (single gate) and weighing up to 1,200 pounds.

Features:

- 1/2 or 1 H.P. motor meets all heavy-duty swing gate applications
- Combination chain, sprocket and worm gear drive ensure efficient transfer of power
- Adjustable friction clutch for long-life operation

- Full systems capability gives you the flexibility to design access controls that meet your security needs

- **Advance audio warning** that gate is about to move
- **Delay on reverse** protects gate system from shock load on reversal
- **Maximum run timer** prevents damage by limiting run time should gate travel be obstructed
- **Full Systems Capability** for easy addition of control systems
- **Visual Warning Alert Capability**



AUDIBLE WARNING ALARM SYSTEM FOR ADDED WORKPLACE SAFETY

Provides a 3 to 5 second advance warning that the gate operator is about to begin operation.

Depend on Stanley

The Stanley name is your assurance of American-built quality. Stanley is the industry leader, with careful quality control procedures and operational testing during each step of production.

A brochure on Gate Operating Safety is available from Stanley. Contact us for your copy.

STANLEY

SWING GATE OPERATORS

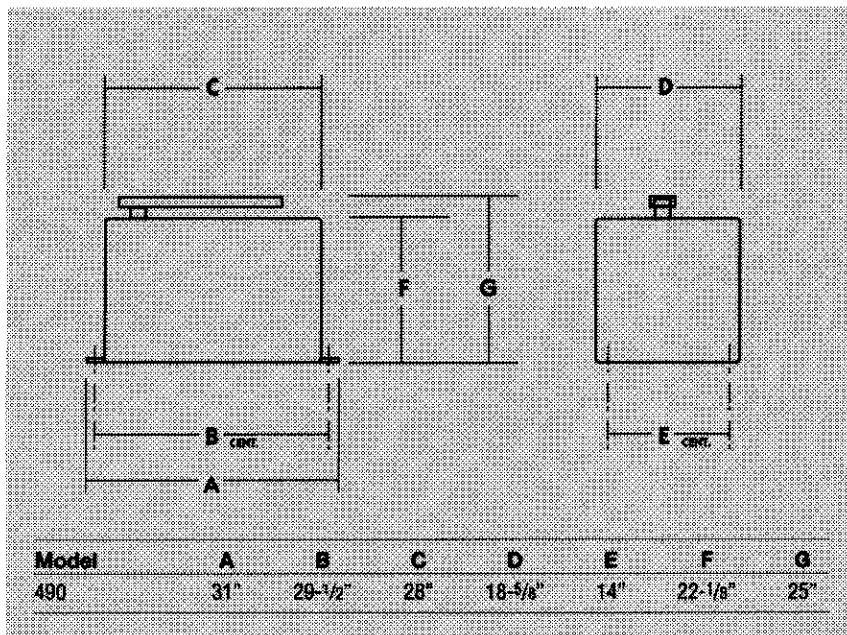
Model 490 Heavy-Duty Vehicular Swing Gate Operator

Specifications:

- 1/2 or 1 H.P. available in all standard voltages
- 40:1 worm gear, chain and sprocket motor speed reduction
- Contactor starter
- Adjustable friction clutch*
- Full systems capability (see controls and accessories)
- Open override circuit (automatic timing modules simply plug in)
- UL and CSA listed

Model 490 Swing Gate Operator shall have a (minimum 1/2 H.P.), _____ volt, _____ phase high starting torque motor. Single-phase motor is internally protected against overload and undervoltage in both the start and run windings. Three-phase motor has external overload protection. Motor contactor meets NEMA size "0" specifications. Motor speed reduction shall be: single-belt, driven worm gear speed reducer (40:1 ratio) with #40 chain and sprocket final drive. Limit switches are readily adjustable and securely locked in place after adjustment. Operator shall have open override circuitry to provide complete control of gate (from external controls) while closing, and an adjustable friction clutch* for mechanical overhead protection. Weatherproof of cover shall be 11-gauge painted galvanized steel. Heavy-duty crank arm. Pre-wired to receive radio controls. UL and CSA listed.

Dimensions:



Recommended Capabilities of Model 490:

Model	Motor	Maximum Gate Leaf	Seconds to Open Gate	Maximum Gate Weight	Shipping Weight	Frequency of use (Complete cycle/hour)
490-2	1/2 hp	20 ft.	12 to 15 secs.	800 lbs.	325 lbs.	25
490-1	1 hp	26 ft.	12 to 15 secs.	1200 lbs.	340 lbs.	25

*The friction clutch is not an automatic reversing device. Its sole function is to minimize damage to the gate operator and gate, and to limit major vehicle damage. If pedestrian traffic is a problem and an automatic reversing and/or stopping

device is desired, accessories such as gate edges are available. Proper maintenance of friction clutches and periodic testing of gate edges is required for their proper operation (see installation manual for detailed instructions).

Controls and Accessories to build your total system:

Digital Keyless Entry

Allows access only to those who know the code using the telephone-like button panel.

Loop Detector

Provides the industry's most advanced features. Compact size and self tuning make installation easy. Sensitivity boost allows detection of high vehicles.

The detector has a loop diagnostics feature and selectable sensitivity levels to improve performance.



Card Reader

Permits access only to authorized card holders.

Additional Accessories

Intercoms, one and three-button stations, radio control transmitters and gate locks.

Additional Safety Management Accessories

Warning lights, electric gate edges, roller guards and photo electric cells.

Ask about the many other quality Stanley Accessories for the "TOTAL SYSTEMS APPROACH."

STANLEY
GATE OPERATORS

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