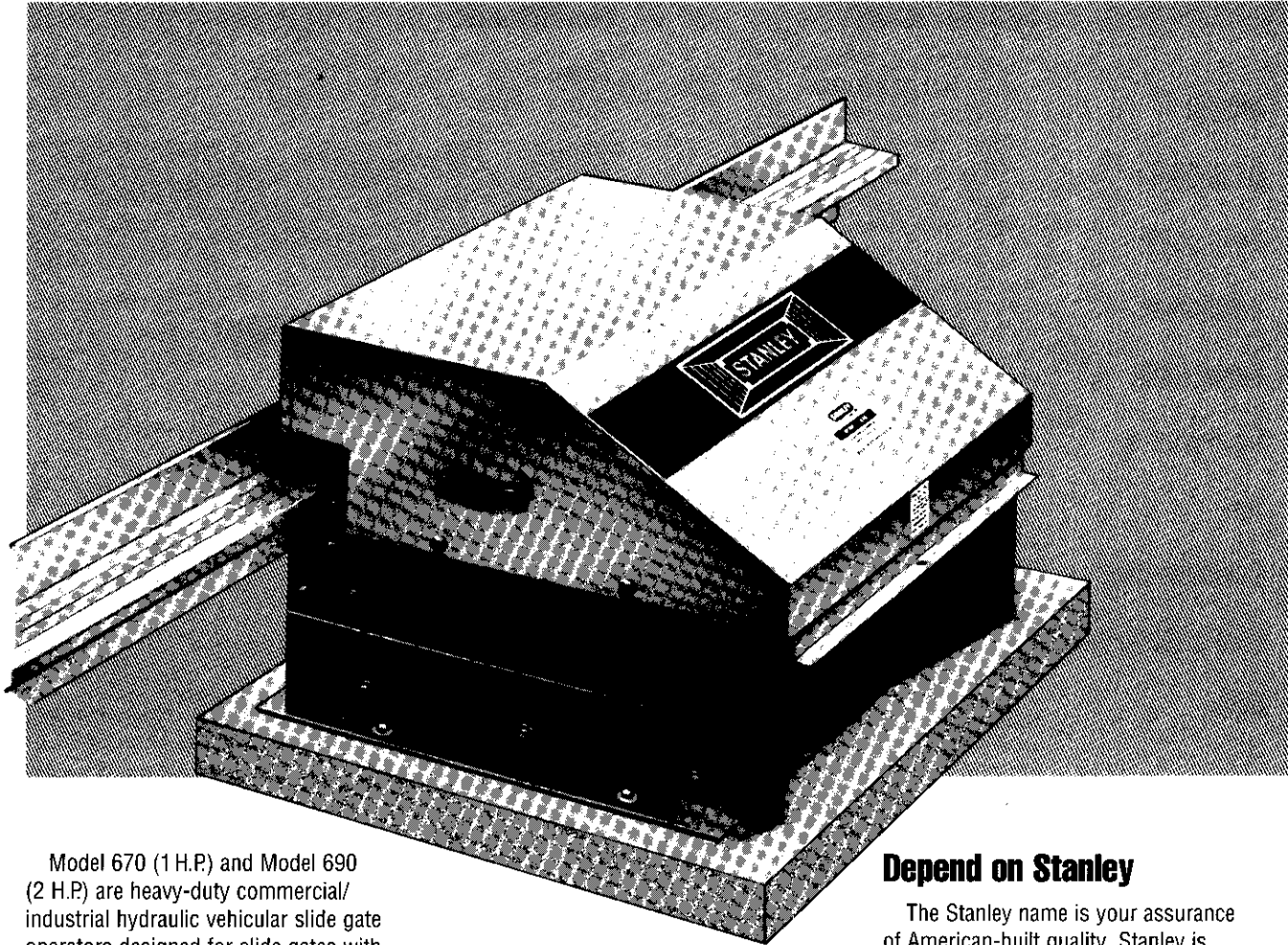


**For Heavy-Duty, High Frequency Commercial and Industrial Slide Gate Operator Applications**



Model 670 (1 H.P.) and Model 690 (2 H.P.) are heavy-duty commercial/industrial hydraulic vehicular slide gate operators designed for slide gates with very high cycle rates of most lengths and weights.

### **Typical Uses:**

Stanley's Model 670/690 hydraulic vehicular slide gate operators are ideal for commercial and industrial applications. They're available with a variety of controls and accessories for a "TOTAL SYSTEMS APPROACH" to security and perimeter control.

**Warning:** The Models 670/690 operators are not recommended for installations where pedestrian traffic is expected near the vicinity of the gate.

### **Features:**

- Model 670 is equipped with a 1 H.P. motor; Model 690 is equipped with a 2 H.P. motor
- Maximum run timer
- Delay on reverse
- 70 VA transformer
- Free wheeling hydraulic motors
- Continuous-duty rated
- Full systems capabilities
- Stan-Track guide wheel\*
- Easy right hand/left hand opening flexibility
- Outside disconnect available
- 5-year warranty
- UL listed (complete operator)
- Optional cold weather hydraulic fluid is available (Part No. 49083)

\* Stanley drive rail recommended.

### **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.*

### **Distributed by:**

**STANLEY**

# HYDRAULIC SLIDE GATE OPERATORS

**Model  
670/690  
Hydraulic  
Vehicular  
Slide Gate  
Operators  
for  
Commercial  
and Industrial  
Use**

## Specifications:

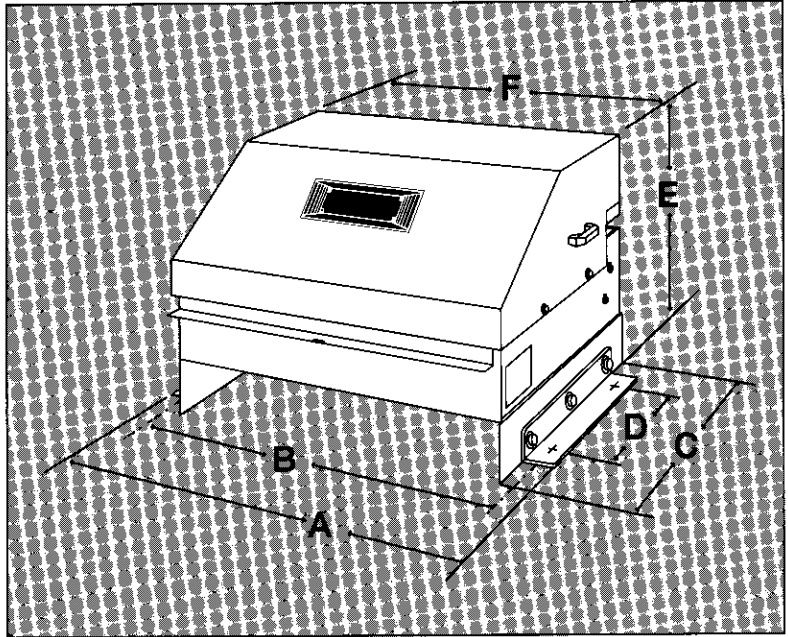
- Available in 1 H.P. (Model 670) and 2 H.P. (Model 690)
- 70 VA transformer
- Continuous-duty rated
- Full systems capabilities
- Power disconnect switch
- Maximum run timer
- UL listed (complete operator)

Model 670 heavy-duty Hydraulic Slide Gate Operator shall have a 1 H.P., \_\_\_ volt, \_\_\_ phase motor. Model 690 heavy-duty Hydraulic Slide Gate Operator shall have a 2 H.P., \_\_\_ volt, \_\_\_ phase motor. Operator shall have a minimum 3 gallon per minute capacity hydraulic pump. Motor shall be single direction high starting torque type. The Model 670 and Model 690 single-phase and three-phase motors are internally protected against overload. Motor shall have manual reset override protection. Motor contactor meets NEMA size "0" specifications. Limit switches are rated at NEMA 4/13 and are readily adjustable with modular construction. Operator shall have open override circuitry to provide complete control of gate (from external controls) while closing. Internal timer shall limit run time of the operator to maximum of 90 seconds in any one direction to protect gate operating system. Reversal of gate from an open or safety device shall be delayed by 1.5 seconds to prevent shock load damage to the gate operating system. Operator shall have full systems capabilities so additional control systems can easily be added in the field. Operator control circuit shall have the built-in capability of providing a signal output if the gate does not reach the full close position within 90 seconds of activation. (Time may be extended for larger gates.) Gate speed shall be 18 in./second. Operator shall have housing of 14-gauge, painted galvanized steel. Operator shall have power disconnect switch at control box for safety. Operator shall be UL listed.

NOTE: If a single button control device is going to be used as an open and close control, it is highly recommended that the one button control interface (Part No. 49180) be used.

## Dimensions:

Model	A	B	C	D	E	F
670/690	31-3/4"	29-3/4"	26-1/2"	14"	19-3/4"	27"



## Recommended Capacities of Models 670/690\*:

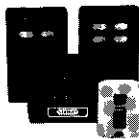
Model	Motor	Gate Travel Speed Per Second	Maximum Gate Weight	Pulling Force	Pounds Per Square Inch	Maximum Gate Opening	Shipping Weight	Frequency of Use(Complete Cycles/Hour)**
670	1 H.P.	1.5 ft.	up to 3000 lbs.	144lbs./motor	600	80 ft.	250 lbs.	continuous-duty rated
690	2H.P.	1.5 ft.	up to 5000 lbs.	400 lbs./motor	1500	80 ft.	250 lbs.	continuous-duty rated

\* Frictional forces on the gate operator system may affect total system efficiency.

\*\* Recommended sizes, lengths and travel time may affect frequency of use.

## Controls and Accessories to build your total system:

### Transmitters



Four-Channel, Part No. 24905

Stanley digital radio transmitters offer 1,024 possible codes that can be changed at any time. The two and four channel transmitters feature completely independent code settings which control separate receivers from one transmitter. They're perfect for operating multiple gate and door operating systems. Separate radio receivers may be required.

Mini, Part No. 24910  
Single-Channel, Part No. 24911  
Two-Channel, Part No. 24904

### Super Digital Radio Receiver

Part. No. 203203

Our digital radio receiver includes a coaxial socket antenna for clear reception. Especially suited for remote gate operation, the 3343001 kit includes the mounting bracket, antenna and 16-foot coax cable.



### 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.

### 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**

Stanley Door Systems  
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