

Industrial SwingRiser™



Swing Gate Operator

Premium industrial swing gate operator

- Moves up to 3,000 lb / 16 ft leaf with ease
- Graceful, smooth lift and swing clears obstacles like snow, rocks, curbs and road inclines
- Raises gate leaf a full 12 inches during the gate open cycle
- 14 to 30 second Open/Close time
- Dual gate, sally port or sequenced gate integration
- Easy system troubleshooting with onboard event log
- Field programmable to specific site requirements
- UPS models retain full functionality during an AC power outage
- Real time system security alerts with optional HyNet™ Gateway
- 5 year warranty



SwingRiser 14 single/twin
1,000 lb gate
14 second open
Up to 9 ft each leaf



SwingRiser 19 single/twin
1,600 lb gate
19 second open
Up to 16 ft each leaf



SwingRiser 30 single/twin
3,000 lb gate
30 second open
Up to 16 ft each leaf



Industrial and High Security

HySecurity operators secure the world's critical infrastructure and key assets where ultimate reliability is vital. SwingRiser delivers uncompromising quality to industrial customers worldwide, where ease of use, consistent operation, low maintenance, long life and high reliability is expected.



Swing Gate Operator

12 SwingRiser™ Models

| | 1,000 lb gate, 14 second open | | 1,600 lb gate, 19 second open | | 3,000 lb gate, 30 second open | |
|----------------------------|---|-------------------------------|---------------------------------------|-------------------------------|---------------------------------------|-------------------------------|
| | Single Leaf | Twin | Single Leaf | Twin | Single Leaf | Twin |
| Model | SwingRiser 14 | SwingRiser 14-Twin | SwingRiser 19 | SwingRiser 19-Twin | SwingRiser 30 | SwingRiser 30-Twin |
| Part # | HRG 220-A ST | HRG 222-A ST | HRG 220-B ST | HRG 222-B ST | HRG 220-C ST | HRG 222-C ST |
| Duty Cycle | Continuous | | | | | |
| Horsepower | 1 hp | 2 hp | 1 hp | 2 hp | 1 hp | 2 hp |
| Drive | Hydraulic | | | | | |
| Gate Length Max. | Up to 9 ft (3 m) | Up to 9 ft (3 m) each leaf | Up to 16 ft (5 m) | Up to 16 ft (5 m) each leaf | Up to 16 ft (5 m) | Up to 16 ft (5 m) each leaf |
| Gate Weight Max. | 1,000 lb (453 kg) | 1,000 lb (453 kg) / leaf | 1,600 lb (726 kg) | 1,600 lb (726 kg) / leaf | 3,000 lb (1,361 kg) | 3,000 lb (1,361 kg) / leaf |
| Open/Close Time | 14 seconds | | 19 seconds | | 30 seconds | |
| Temperature Rating | -40° to 158° F (-40° to 70° C) No heater necessary | | | | | |
| 1 Phase Power | 115/208/230V 60Hz 110/220V 50Hz ** | 208/230V 60Hz 220V 50Hz ** | 115/208/230V 60Hz 110/220V 50Hz ** | 208/230V 60Hz 220V 50Hz ** | 115/208/230V 60Hz 110/220V 50Hz ** | 208/230V 60Hz 220V 50Hz ** |
| 3 Phase Power | 208/230/460V or 575V** 60Hz, 220/380/440V 50Hz | | | | | |
| Communication | RS-232, RS-485, Ethernet/fiber using optional HyNet™ Gateway accessory | | | | | |
| User Controls | Smart Touch Controller with 70+ configurable settings. Smart Touch keypad and display or a PC using S.T.A.R.T. software. | | | | | |
| Relays | Three configurable user relays: one 30VDC, 3A solid state and two 250VAC, 10A electromechanical. Optional Hy8Relay™ for 8 additional relay outputs | | | | | |
| Finish | Zinc flame sprayed | | | | | |
| Enclosure | HydraSupply: Type 3R, 30w x 42h x 12d inch (76w x 107h x 30.5d cm) | | | | | |
| ETL Listed (UL 325) | Usage Class I, II, III, IV | | | | | |
| Warranty | 5 year | | | | | |

UPS Backup Power Options

| DC Power Supply* † | SwingRiser 14 UPS | SwingRiser 14-Twin UPS | SwingRiser 19 UPS | SwingRiser 19-Twin UPS | SwingRiser 30 UPS | SwingRiser 30-Twin UPS |
|----------------------------------|-------------------------------|------------------------|-------------------------------|------------------------|-------------------------------|------------------------|
| AC Power Supply with HyInverter* | SwingRiser 14 with HyInverter | — | SwingRiser 14 with HyInverter | — | SwingRiser 14 with HyInverter | — |

*The operator's normal duty cycle and the actual number of gate cycles available from battery depends upon gate resistance to travel, cycle length, battery size, state of charge and health, ambient temperature, accessory power draw and frequency of gate cycles during power outage.

** Refer to Installed Options on pricing for all 50Hz voltages and 575V 3Ø, which are special order.

† 115V requires a 30A branch circuit. Choose voltage with care as chargers are not field convertible.

To enable fully automatic operation, this gate operator requires a MINIMUM of one external entrapment protection sensor to monitor potential entrapment zones in either the open or close direction of travel. Visit www.hysecurity.com/gatesafety for more information on UL 325 standards and gate safety.

OPTIONAL ACCESSORIES:

- Hy5B™ intelligent vehicle detectors
- Hy8Relay™ - extended relay module provides eight additional programmable relay outputs
- HyNet™ Gateway for communicating gate system and accessory status in real time via Ethernet/fiber
- Custom post height, heater kit and more

SYSTEM DESIGN SUPPORT: Contact HySecurity for CAD drawings, tech manuals, help with custom site requirements or other specifications support. Call to speak with a HySecurity representative today.

VISIT WWW.HYSECURITY.COM for specifications, installation manuals, wiring diagrams, parts diagrams, image gallery, videos, training and much more.

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