

Industrial

# SwingRiser™



Swing Gate Operator

## Up and over obstacles

Smooth lift and swing raises the gate leaf during the open cycle to clear obstacles like snow, rocks, curbs and road inclines. SwingRiser solves specialized site challenges and is frequently chosen for high profile or high security locations.



Raises gate leaf a full 12 inches during the gate open cycle



Move up to 3,000 lb/ 16 ft leaf



UPS models retain full functionality during an AC power outage



Easy system troubleshooting with onboard event log



Easy to configure. Program operation to site specific requirements



Dual gate, sally port or sequenced integration



Real time system security alerts with optional HyNet™ Gateway



5 year warranty



**SYSTEM DESIGN SUPPORT:** Contact HySecurity for help with custom site requirements, CAD drawings, tech manuals or other specifications support.

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



hysecurity.com | 800-321-9947

Manufacturer of industrial and hostile vehicle mitigation barriers, gate operators and accessories.



# Industrial and High Security



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
<b>Model</b>	<b>SwingRiser 14</b>	<b>SwingRiser 14-Twin</b>	<b>SwingRiser 19</b>	<b>SwingRiser 19-Twin</b>	<b>SwingRiser 30</b>	<b>SwingRiser 30-Twin</b>
<b>Part #</b>	HRG 220-A ST	HRG 222-A ST	HRG 220-B ST	HRG 222-B ST	HRG 220-C ST	HRG 222-C ST
<b>Duty Cycle</b>	Continuous					
<b>Horsepower</b>	1 hp	2 hp	1 hp	2 hp	1 hp	2 hp
<b>Drive</b>	Hydraulic					
<b>Gate Length Max.</b>	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
<b>Gate Weight Max.</b>	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
<b>Open/Close Time</b>	14 seconds		19 seconds		30 seconds	
<b>Temperature Rating</b>	-40° to 158° F (-40° to 70° C)					
<b>1 Phase Power</b>	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 **
<b>3 Phase Power</b>	208/230/460V 60Hz, 220/380/440V 50Hz					
<b>Communication</b>	RS-232, RS-485, Ethernet/fiber using optional HyNet™ Gateway accessory					
<b>User Controls</b>	Smart Touch Controller with 70+ configurable settings. Smart Touch keypad and display or a PC using S.T.A.R.T. software.					
<b>Relays</b>	Three configurable user relays: one 30VDC, 3A solid state and two 250VAC, 10A electromechanical. Optional Hy8Relay™ for 8 additional relay outputs					
<b>Finish</b>	Zinc flame sprayed					
<b>Enclosure</b>	HydraSupply: Type 3R, 30w x 42h x 12d inch (76w x 107h x 30.5d cm)					
<b>ETL Listed (UL 325)</b>	Usage Class I, II, III, IV					
<b>Warranty</b>	5 year w/product registration					

### UPS Battery 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
<b>AC Power Supply with HyInverter AC*</b>	SwingRiser 14 with HyInverter AC	—	SwingRiser 19 with HyInverter AC	—	SwingRiser 30 with HyInverter AC	—

\* 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, 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, all SWING gate operators require a minimum of ONE monitored external entrapment protection sensor to protect entrapment zones in either the open or close direction of travel. However, an additional monitored sensor is required if there is a risk of entrapment in both directions of gate travel. Visit [hysecurity.com/gatesafety](http://hysecurity.com/gatesafety) for more information on UL 325 standards and gate safety.

### Optional Accessories - See website for complete list



Hy5B™ Vehicle Detector



Hy8Relay™ Module



HyNet™ Gateway Integration



Photo Eye Kits



Radio Receivers & Transmitters



ASO Edge Sensors



Heater Kit