



SwingRiser™

Swing Gate Operator

Premium industrial swing gate operator

- Moves up to 16 ft / 3,000 lb 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 online events 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 (453 kg) gate
14 second open
Up to 9 ft (3 m) wide each leaf

SwingRiser 19 single/twin
1,600 lb (726 kg) gate
19 second open
Up to 16 ft (5 m) wide each leaf

SwingRiser 30 single/twin
3,000 lb (1,361 kg) gate
30 second open
Up to 16 ft (5 m) wide each leaf



United Nations



VIP Residential



Railroad

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) wide	Up to 9 ft (3 m) wide each leaf	Up to 16 ft (5 m) wide	Up to 16 ft (5 m) wide each leaf	Up to 16 ft (5 m) wide	Up to 16 ft (5 m) wide 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 (UL325)	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.

**575V 3Ø is special order

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:

- HY-5A 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