



# SwingRiser™



## Swing Gate Operator

Ultra high security and reliability • High cycle • Large heavy gates • Utility or elegant



12 models: Up to 16 ft wide per leaf.  
14, 18 or 30 second speed.



United Nations



Industrial



Railroad



Residential



Military

*SwingRiser™ opens gates with an elegant lift and swing movement, raising the gate panel a full 12" during the gate opening cycle. Lifting clears obstacles like snow, rocks, curbs, and gradient differences. SwingRiser's optional locking pin secures the gate as it drops into a roadway locking receptacle when the gate gently lowers at the end of its cycle. Pipe and steel, aluminum, chain link, ornamental iron, crash gates, more.*

### APPLICATIONS

Industrial  
Government  
Military  
Corporate  
Commercial  
Residential

### TYPICAL SITES

Port  
Embassy  
Railway  
Gated Community  
Sports/Entertainment  
VIP Estate

**OPERATOR** Hydraulic, industrial grade components. **Smart Touch Controller** with diagnostics and integrated security reporting. 14 to 30 second open. Up to 3,000 lb/gate leaf. 90 or 100 degree, in or out swing. All voltages/phases. 500 cycles per day. Vandal resistant operator mechanism and remotely located pump and electrical enclosure provide highest security swing gate operator available. Seamless synchronization with all HySecurity operators for master-slave, sally port or other specialized applications.

# Ultra Reliable High Security

Distributed by:

Go to [www.hysecurity.com](http://www.hysecurity.com) for all your gate automation needs

**HySecurity® operators** exceed the most demanding strength, quality and reliability specifications. The uniquely design-engineered electronics detect, report and trigger automated site-specified actions when critical security breaches occur.

Abnormal operation or security breach reporting integrates easily to centralized security monitoring systems through HySecurity's unique, powerful and feature-rich Smart Touch Controller.

## COMPUTER INTERFACE (S.T.A.R.T.) FOR SETUP AND DIAGNOSTICS

Smart Touch Controller reports many faults and conditions including:

- Open or close limit reached
- Tailgating
- Vehicle detector or loop malfunction
- Loitering
- Gate forced open
- AC power loss

Smart Touch Analyze and Retrieve Tool allows users to upload latest operator software, download fault logs, generate diagnostics, and program the operator using a laptop.



## SwingRiser™ Models

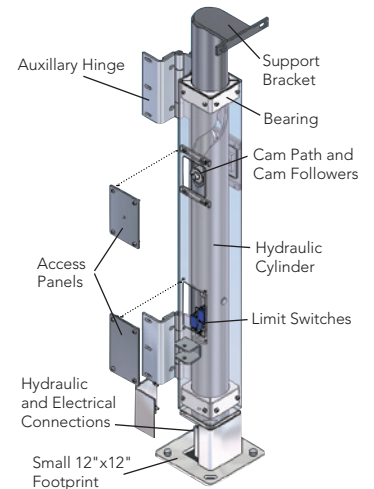
Model	1,000 lb gate, 14 second open		1,600 lb gate, 19 second open		3,000 lb gate, 30 second open	
	Single Leaf	Twin	Single Leaf	Twin	Single Leaf	Twin
Model	SwingRiser 14	SwingRiser 14-Twin	SwingRiser 19	SwingRiser 19-Twin	SwingRiser 30	SwingRiser 30-Twin
Part #	HRG 220-A ST	HRG 222-A ST	HRG 220-B ST	HRG 222-B ST	HRG 220-C ST	HRG 222-C ST
Duty Cycle	500 cycles/day	500 cycles/day	500 cycles/day	500 cycles/day	500 cycles/day	500 cycles/day
Horsepower	1 hp	2 hp	1 hp	2 hp	1 hp	2hp
Drive	Hydraulic cylinder	Hydraulic cylinder	Hydraulic cylinder	Hydraulic cylinder	Hydraulic cylinder	Hydraulic cylinder
Gate Size	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	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	14 seconds	19 seconds	19 seconds	30 seconds	30 seconds
1 Phase Power	115/208/230 60 Hz 110/220 50 Hz	208/230 60 Hz 220 50 Hz	115/208/230 60 Hz 110/220 50 Hz	208/230 60 Hz 220 50 Hz	115/208/230 60 Hz 110/220 50 Hz	208/230 60 Hz 220 50 Hz
3 Phase Power	208/230/460/575 60 Hz 220/380 50 Hz	208/230/460/575 60 Hz 220/380 50 Hz	208/230/460/575 60 Hz 220/380 50 Hz	208/230/460/575 60 Hz 220/380 50 Hz	208/230/460/575 60 Hz 220/380 50 Hz	208/230/460/575 60 Hz 220/380 50 Hz
UL 325 Listing	Usage Class I, II, III, IV	Usage Class I, II, III, IV	Usage Class I, II, III, IV	Usage Class I, II, III, IV	Usage Class I, II, III, IV	Usage Class I, II, III, IV
Warranty	5 year	5 year	5 year	5 year	5 year	5 year

### UPS Backup Models

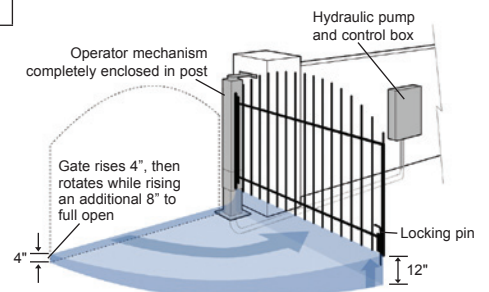
UPS Backup Model	SwingRiser 14 UPS	SwingRiser 14-Twin UPS	SwingRiser 19 UPS	SwingRiser 19-Twin UPS	SwingRiser 30 UPS	SwingRiser 30-Twin UPS
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**OPTIONAL ACCESSORIES:** HY-5A intelligent vehicle detectors. UPS battery backup. Custom post height. Heater. Compatible with most available access control, safety, vehicle detection and many other accessories.

**SYSTEM DESIGN SUPPORT:** Contact HySecurity for CAD drawings, tech manuals, help with specialty site requirements or other specifications support. Download operator specifications online at [hysecurity.com](http://hysecurity.com) or call HySecurity for a complete list.



SwingRiser™ Post



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