

SwingRiser™

Unique two-axis movement to clear ground obstacles

Unique hydraulic swing gate operator with smooth lift and swing action to clear obstacles such as snow, curbs, or road inclines.

Features:

Weight limit:
Move up to 3,000 lb/ 16 ft leaf

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

Reliable:
UPS models retain full functionality during an AC power outage

Programmable:
Easy to configure. Program operation to site specific requirements

Design:
Low-profile operator concealed within gate posts

Connected:
Real time security alerts with optional HyNet Gateway

Applications:
Dual gate, sally port or sequenced integration

Troubleshooting:
Easy system troubleshooting with onboard event log

Made in USA:
Designed, tested and built with global materials

HySecurity

SwingRiser

Industrial and High Security



powered by SmartTouch

Technical Specifications

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)					
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 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, programmed via the keypad and display or a PC using S.T.A.R.T. software.					
Relay	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 w/product registration					
UPS Battery Backup Power Options						
DC Power Supply with HyCharger DC †*	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 AC*	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 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

HySecurity
a Nice company

Contact HySecurity for an operator/parts distributor near you.
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