



SwingRiser[™]

Unique two-axis movement to clear ground obstacles

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

Features



Powerful

Up to 15,000 lb/40 ft per leaf.



Gentle

Soft-start, soft-stop.



Reliable

UPS backup with optional AC Power Supply w/HyInverter AC[™].



Programmable

Field programmable to specific site requirements.



Applications

Dual or sequenced gate integration.



Troubleshooting

Easy system troubleshooting with onboard event log.



Made in USA

Designed, tested, and built within USA from globally sourced materials.

SwingRiser™

Solution to road, snow and curb obstacles



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					
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.



support.hysecurity.com

Nice/HySecurity is an industry leader of automated gate and perimeter security solutions. The HySecurity brand provides high-quality, ultra-reliable industrial gate operators and crash-rated, Hostile Vehicle Mitigation (HVM) vehicle barriers designed to secure and protect critical infrastructure and facilities worldwide.



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948109606 Rev-C 05/2024 D0541