

# SwingRiser™

## Solution to road, snow and curb obstacles



powered by  
**SmartTouch**

### Technical Specifications

<b>Model</b>	SwingRiser 14	SwingRiser 14-Twin	SwingRiser 19	SwingRiser 19-Twin	SwingRiser 30	SwingRiser 30-Twin
<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					
<b>User Controls</b>	Smart Touch Controller with 70+ configurable settings, programmed via the keypad and display or a PC using S.T.A.R.T. software.					
<b>Relay</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

<b>DC Power Supply with HyCharger DC †*</b>	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.



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