



SwingRiser[™]

Unique two-axis movement with HydraSupply II 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 3,000 lb/16 ft per leaf.



Gentle

Soft-start, soft-stop.



Reliable

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



Smart

Integrated primary/secondary controls and preprogrammed relay settings.



Programmable

Field programmable to specific site requirements.



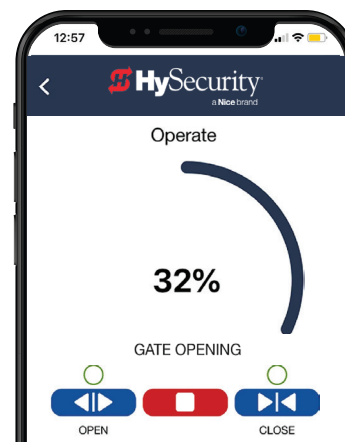
Troubleshooting

Easy system troubleshooting with onboard event log.



Made in USA

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



Works with
HySecurity
installer app.

Solution to road, snow and curb obstacles



powered by
SmartTouch 725

Technical Specifications

Model	SwingRiser 14 (SWR14)	SwingRiser 14-Twin (SWR14T)	SwingRiser 19 (SWR19)	SwingRiser 19-Twin (SWR19T)	SwingRiser 30 (SWR30)	SwingRiser 30-Twin (SW30T)
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	BlueBUS, USB, Ethernet, RS-485, Bluetooth, OXI receiver					
User Controls	SmartTouch 725 Controller with 70+ configurable settings, 32 character OLED display and 7 tactile buttons, or Bluetooth smartphone interface, for programming. SmartTouch 720 Available without Bluetooth or Ethernet.					
Relay	8 Configurable relays: Two 250V 20A electromechanical relays and six 30VDC 2A solid state relays					
Finish	Zinc flame spray and ASTM B633 SC4 zinc plated (Inner post)					
Enclosure	HydraSupply II: 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 DC (SWR14-DC)	SwingRiser 14-Twin DC (SWR14T-DC)	SwingRiser 19 DC (SWR19-DC)	SwingRiser 19-Twin DC (SWR19T-DC)	SwingRiser 30 DC (SWR30-DC)	SwingRiser 30-Twin DC (SWR30T-DC)
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.

† DC Power Supply with HyCharger DC purchased separately. 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.

