SwingRiser™

Solution to road, snow and curb obstacles



spowered by SmartTouch

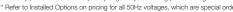
Technical Specifications

SwingRiser 14	SwingRiser 14-Twin	SwingRiser 19	SwingRiser 19-Twin	SwingRiser 30	SwingRiser 30-Twin			
HRG 220-A ST	HRG 222-A ST	HRG 220-B ST	HRG 222-B ST	HRG 220-C ST	HRG 222-C ST			
Continuous								
1 hp	2 hp	1 hp	2 hp	1 hp	2 hp			
Hydraulic								
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			
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			
14 seconds		19 seconds		30 seconds				
-40° to 158° F (-40° to 70° C)								
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 **			
208/230/460V 60Hz, 220/380/440V 50Hz								
RS-232, RS-485, Ethernet								
Smart Touch Controller with 70+ configurable settings, programmed via the keypad and display or a PC using S.T.A.R.T. software.								
Three configurable user relays: one 30VDC, 3A solid state and two 250VAC, 10A electromechanical; Optional Hy8Relay™ for 8 additional relay outputs								
Zinc flame sprayed								
HydraSupply: Type 3R, 30w x 42h x 12d inch (76w x 107h x 30.5d cm)								
Usage Class I, II, III, IV								
5 year w/product registration								
	HRG 220-A ST 1 hp up to 9 ft (3 m) 1,000 lb (453 kg) 14 see 115/208/230V 60Hz 110/220V 50Hz **	HRG 220-A ST 1 hp 2 hp up to 9 ft (3 m) up to 9 ft (3 m) each leaf 1,000 lb (453 kg) 1,000 lb (453 kg) / leaf 14 seconds 115/208/230V 60Hz 110/220V 50Hz ** 220V 50Hz ** Smart Touch Controller with 70+ of the configurable user relays: one 30VDC,	HRG 220-A ST HRG 222-A ST HRG 220-B ST Conti 1 hp 2 hp 1 hp Hydr up to 9 ft (3 m) up to 9 ft (3 m) each leaf up to 16 ft (5 m) 1,000 lb (453 kg) 1,000 lb (453 kg) / leaf 1,600 lb (726 kg) 14 seconds 19 se -40° to 158° F 115/208/230V 60Hz 220V 50Hz ** 2115/208/230V 60Hz 110/220V 50Hz ** 208/230V 460V 60Hz, RS-232, RS- Smart Touch Controller with 70+ configurable settings, programm Three configurable user relays: one 30VDC, 3A solid state and two 250VAC Zinc flam HydraSupply: Type 3R, 30w x 42h : Usage Clas	HRG 220-A ST HRG 222-A ST HRG 220-B ST HRG 222-B ST Continuous 1 hp 2 hp 1 hp 2 hp Hydraulic 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 1,000 lb (453 kg) 1,000 lb (453 kg) / leaf 1,600 lb (726 kg) 1,600 lb (726 kg) / leaf 14 seconds 14 seconds 19 seconds -40° to 158° F (-40° to 70° C) 115/208/230V 60Hz 208/230V 60Hz 115/208/230V 60Hz 208/230V 60Hz 200V 50Hz 2	HRG 220-A ST HRG 222-A ST HRG 220-B ST HRG 220-B ST HRG 220-C ST Continuous			

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 Hylnverter AC*	SwingRiser 14 with Hylnverter AC	_	SwingRiser 19 with Hvlnverter AC	_	SwingRiser 30 with Hylnverter 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.

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