

HydraSwing™

Compact power for large swing gates or high-wind applications

Ultimate power in a low profile, perfect for large ornamental swing gates and high wind applications.



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



Connected:
Real time security alerts with optional HyNet Gateway



Applications:
Dual or sequenced gate integration



Troubleshooting:
Easy system troubleshooting with onboard event log



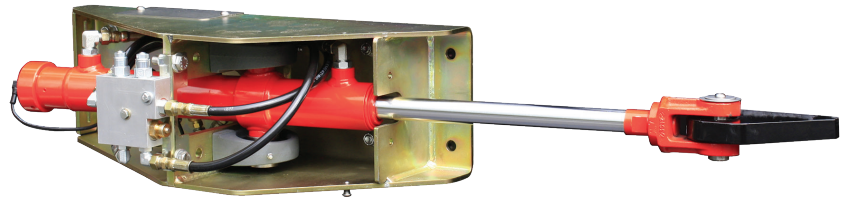
Secure:
Heavy duty chassis, industrial grade components



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

HydraSwing

Industrial and High Security



powered by
SmartTouch

Technical Specifications

	HydraSwing 40	HydraSwing 40 Twin	FAST HydraSwing 40F	FAST HydraSwing 40F Twin	FAST HydraSwing 80F	HydraSwing 150
Model	HydraSwing 40	HydraSwing 40 Twin	FAST HydraSwing 40F	FAST HydraSwing 40F Twin	FAST HydraSwing 80F	HydraSwing 150
Duty Cycle	Continuous					
Horsepower	2 hp					
Drive	Hydraulic					
Gate Length Max.*	up to 24 ft (7.3 m) leaf	up to 16 ft (5 m) each leaf	up to 16 ft (5 m) leaf	up to 16 ft (5 m) each leaf	up to 30 ft (9 m) leaf	up to 40 ft (12 m) leaf
Gate Weight Max.*	4,000 lb (1,814 kg)	4,000 lb (1,814 kg) / leaf	4,000 lb (1,814 kg)	4,000 lb (1,814 kg) / leaf	8,000 lb (3,629 kg)	15,000 lb (6,804 kg)
Open/Close Time** Field Adjustable	15-20 seconds	15-20 seconds	10-15 seconds	10-15 seconds	15-25 seconds	20-30 seconds
Finish	Zinc plated steel chassis with stainless steel cover				3/4 inch zinc plated steel chassis with black powder coated steel cover	
Temperature Rating	-40° to 158° F (-40° to 70° C)					
1 Phase Power	208/230V 60/50 Hz					
3 Phase Power	208/230V 60/50 Hz or 380/460V 60/50 Hz					
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	Type 3R, 30w x 42h x 12d inch (76w x 107h x 30.5d cm), optional NEMA 4X					
ETL Listed (UL 325)	Usage Class I, II, III, IV				Usage Class III, IV	
Warranty	5 year w/product registration					
UPS Battery Backup Power						
AC Power Supply with HyInverter AC***	HydraSwing 40 with HyInverter AC	HydraSwing 40 Twin with HyInverter AC	HydraSwing 40F with HyInverter AC	HydraSwing 40F Twin with HyInverter AC	HydraSwing 80F with HyInverter AC	HydraSwing 150 with HyInverter AC

* Gate length/weight specifications are dependent on height, percentage of open area on panel and anticipated wind speed.
 ** Actual open/close time dependent on gate weight/length, percentage of open area on panel and anticipated wind speed.
 *** 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.
 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



Contact HySecurity for an operator/parts distributor near you.
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