

HydraLift™

Quickly clear wide traffic lanes at sites with space constraints

A unique gate operator for atypical environments where gates rise straight up. Perfect for sites with little room for gates to swing or slide, or when fast cycle times are required to clear wide access points.

Features:



Fast:

Opens multiple lanes of traffic in as little as 8 seconds



Reliable:

UPS models remain functional during a power outage



Powerful:

Lift gates up to 2,000 lb



Programmable:

Configurable for specific site requirements



Durable:

Decades long life and low maintenance



Connected:

Remote monitoring, management, maintenance with optional HyNet™ Gateway



Smart:

Integrated primary/secondary controls and pre-programmed relay settings

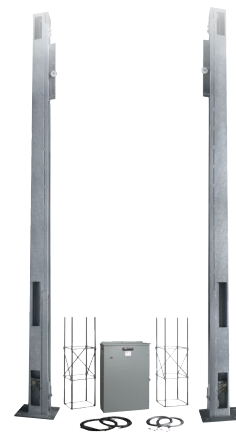


Made in USA:

Designed, tested and built with global materials

HydraLift

Industrial and High Security



powered by
SmartTouch

Technical Specifications

		FAST
	Heavy Duty	Heavy Duty Fast
Model	HydraLift 20	HydraLift 20F
Part #	HVG 460 ST	HVG 460 EX ST
Duty Cycle	Continuous	
Horsepower	2 hp	5 hp
Drive	Hydraulic	
Gate Length Max.	80 ft (24 m)	
Gate Weight Max.	2,000 lb (907 kg)	
Rate of Travel	1 ft/s (30 cm/s)	2 ft/s (60 cm/s)
Temperature Rating	-40° F to 158° F (-40° C to 70° C)	
1 Phase Power**	208/230V 60/50 Hz	230V 60Hz
3 Phase Power**	208/230/460V 60Hz; 220/380V 50Hz	
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.	
Relays	Three configurable user relays: one 30VDC, 3A solid state and two 250VAC, 10A electromechanical; Optional Hy8Relay™ for 8 additional output relays	
Finish	Hot dipped galvanized lifting posts	
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	Usage Class III, IV
Warranty	5 year w/product registration	
UPS Battery Backup Power*		
DC Power Supply*† with HyCharger DC	HydraLift 20 UPS	HydraLift 20F UPS

* HydraLift 20: 1,500 cycles/day expected duty cycle. HydraLift 20F: 1,000 cycles/day expected duty cycle. 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 DC Power Supply requires a 30A branch circuit. Choose voltage with care as chargers are not field convertible.

This gate operator requires an external entrapment protection sensor to monitor the close direction of 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



Heater Kit



Contact HySecurity for an operator/parts distributor near you.
phone 253-867-3700 | 800-321-9947
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