

Industrial HydraLift™



Vertical Lift Gate Operator

Quickly clear multiple traffic lanes

A fast solution for opening and closing large gates. Great for applications with ice and snow, or where there isn't enough space for a swing or slide gate.



Quickly clears multiple traffic lanes



Heavy duty, ultra reliable and secure



Fast models raise up to 2,000 lb gate panel to full 16 ft overhead clearance in 8 seconds



Extreme temperature range without heater



UPS models retain full functionality during an AC power outage



Easy system troubleshooting with onboard event log



Field programmable to specific site requirements



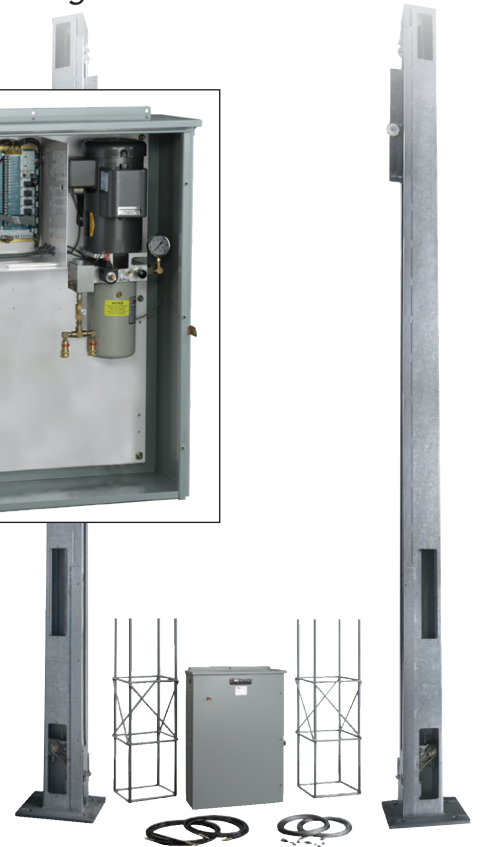
Dual gate, sally port or sequenced gate integration



Real time security alerts with optional HyNet Gateway



Warranty



Petrochemical



Industrial



Transit

SYSTEM DESIGN SUPPORT: Contact HySecurity for help with custom site requirements, CAD drawings, tech manuals or other specifications support.

VISIT WWW.HYSECURITY.COM for installation manuals, parts diagrams, wiring diagrams, specifications, image gallery, videos, training and much more.



www.hysecurity.com | 800-321-9947

Manufacturer of industrial and hostile vehicle mitigation barriers, gate operators and accessories.



Industrial and High Security



Vertical Lift Gate Operator

HydraLift™ models

			FAST Operators	
	Standard	Heavy Duty	Standard Fast	Heavy Duty Fast
Model	HydraLift 10	HydraLift 20	Hydralift 10F	HydraLift 20F
Part#	HVG 420 ST	HVG 460 ST	HVG 420 EX ST	HVG 460 EX ST
Duty Cycle	Continuous			
Horsepower	2 hp		5 hp	
Drive	Hydraulic			
Gate Weight Max.	1,000 lb (453 kg)	2,000 lb (907 kg)	1,000 lb (453 kg)	2,000 lb (907 kg)
Gate Length Max.	50 ft (15 m)	80 ft (24 m)	50 ft (15 m)	80 ft (24 m)
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 60Hz, 220V 50Hz		230V 60Hz	
3 Phase Power**	208/230/460V 60Hz; 220/380V 50Hz		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. Smart Touch 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*†	HydraLift 10 UPS	HydraLift 20 UPS	HydraLift 10F UPS	HydraLift 20F UPS
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* HydraLift 10, 20: 1,500 cycles/day expected duty cycle. HydraLift 10F, 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

