

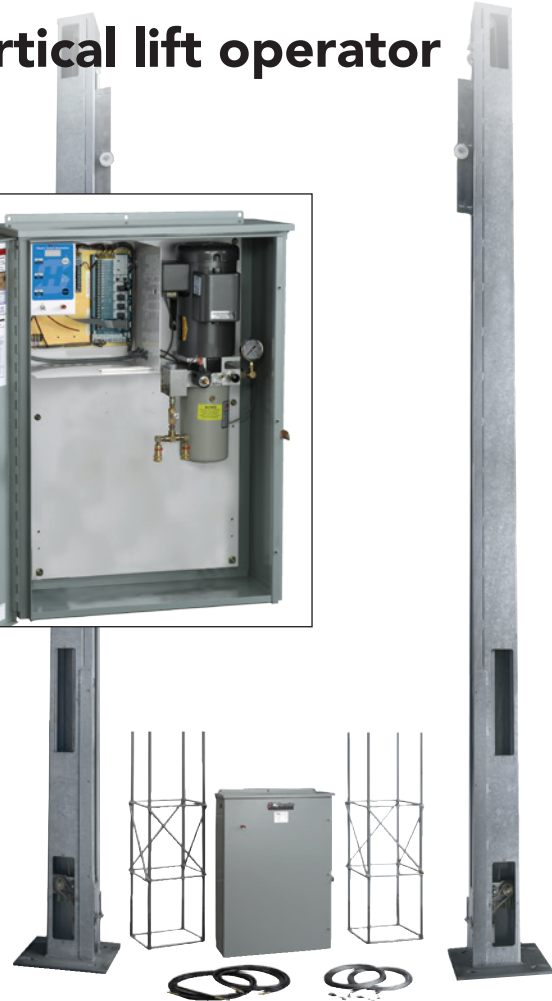


# HydraLift™

Vertical Lift Operator

## Premium industrial vertical lift operator

- Clears multiple lanes of traffic fast
- Fast models raise up to 2,000 lb gate panel to full 16 ft clear opening in 8 seconds
- Heavy duty, ultra reliable and secure. Hydraulics and electronics are contained in remote locked enclosure
- Wide openings
- Dual gate, sally port or sequenced gate integration
- Easy system troubleshooting with online events log
- Field programmable to specific site requirements
- UPS models retain full functionality during an AC power outage
- Extreme temperature latitude
- Real time system security alerts
- 5 year warranty



**HydraLift 10**  
1,000 lb gates (453 kg)  
50 ft (15 m) length  
1 ft/s (30 cm/s)

**HydraLift 20**  
2,000 lb gates (907 kg)  
80 ft (24 m) length  
1 ft/s (30 cm/s)

**FAST**  
**HydraLift 10F**  
1,000 lb gates (453 kg)  
50 ft (15 m) length  
2 ft/s (60 cm/s)

**FAST**  
**HydraLift 20F**  
2,000 lb gates (907 kg)  
80 ft (24 m) length  
2 ft/s (60 cm/s)



**HySecurity®**  
a company of TheNiceGroup

1-800-321-9947 • [www.hysecurity.com](http://www.hysecurity.com)

Manufacturer of ultra-reliable high security, industrial, commercial, residential, parking and crash gate operators and accessories.

# Industrial and High Security

**HySecurity operators** secure the world's critical infrastructure and key assets where ultimate reliability is vital. **HydraLift** delivers uncompromising quality to industrial customers worldwide, where ease of use, consistent operation, low maintenance, long life and high reliability is expected.



**Vertical Lift Operator**

## 8 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) No heater necessary			
1 Phase Power	208/230V 60Hz, 220V 50Hz		230V 60Hz	
3 Phase Power	208/230/460V or 575V*** 60Hz; 220/380V 50Hz		208/230/460V or 575V*** 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			

### UPS Backup Power\*\*

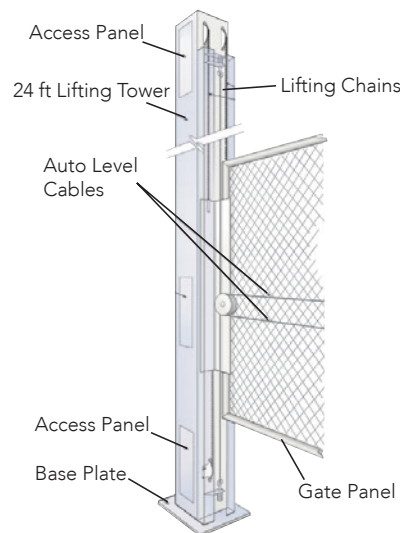
DC Power Supply**	HydraLift 10 UPS*	HydraLift 20 UPS*	HydraLift 10F UPS**	HydraLift 20F UPS**
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\*1,500 cycles/day expected duty cycle.

\*\*1,000 cycles/day expected duty cycle. Actual duty cycle depends on site specific conditions and gate configuration.

\*\*\* 575V 3Ø is special order.

This gate operator requires an external entrapment protection sensor to monitor the close direction of travel. Visit [www.hysecurity.com/gatesafety](http://www.hysecurity.com/gatesafety) for more information on UL 325 standards and gate safety.



**HydraLift™ Post**

### OPTIONAL ACCESSORIES:

- Hy5A intelligent vehicle detectors
- Hy8Relay™ - extended relay module provides eight additional programmable relay outputs
- HyNet™ Gateway for communicating gate system and accessory status in real time via Ethernet/fiber
- Custom post height, heater kit, strobe light, traffic light and more

**SYSTEM DESIGN SUPPORT:** Contact HySecurity for CAD drawings, tech manuals, help with custom site requirements or other specifications support. Call to speak with a HySecurity representative today.

**VISIT [WWW.HYSECURITY.COM](http://WWW.HYSECURITY.COM)** for specifications, installation manuals, wiring diagrams, parts diagrams, image gallery, videos, training and much more.

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