



HydraLift™

Vertical Lift Operator

Ultra reliable • High security • Unlimited cycles • Wide openings • Quick open/close

- **Heavy duty and fast.** Raises up to 2,000 lb (907 kg) gate panel to full 16 ft (5 m) clear opening in 8 seconds (fast models)
- **Clears multiple lanes of traffic FAST**
- **Ultra reliable and secure.** HydraLift™ locks securely and Hydraulics and electronics are contained in remote enclosure
- **Four UPS Models** available to keep critical gates running during a power outage
- **Tested and listed by Intertek,** a nationally recognized testing lab. Visit hysecurity.com for more on the significance of UL 325



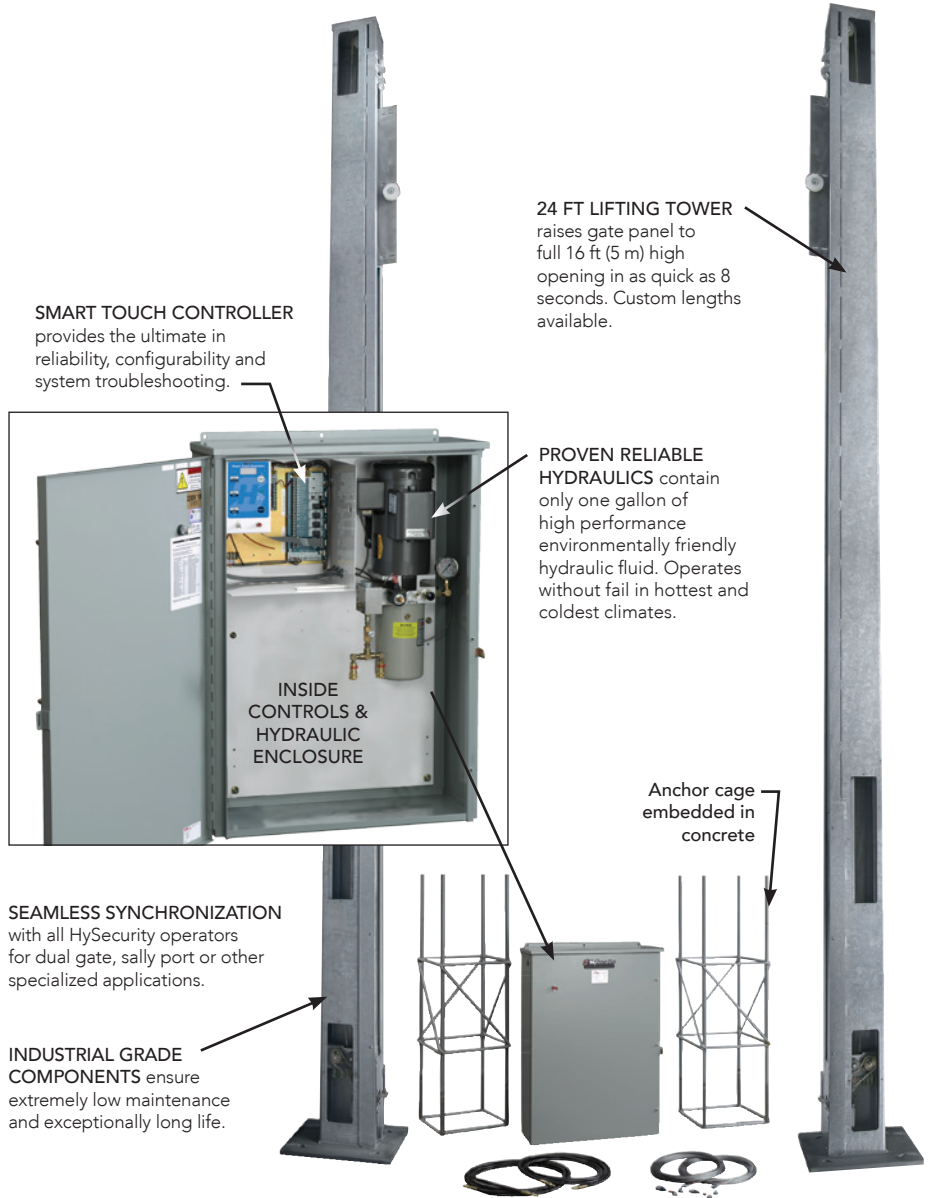
Petrochemical



Commercial/Residential



Industrial



	FAST	FAST	FAST	FAST
HydraLift 10	HydraLift 20	HydraLift 10F	HydraLift 20F	
1,000 lb gates (453 kg)	2,000 lb gates (907 kg)	1,000 lb gates (453 kg)	2,000 lb gates (907 kg)	
50 ft (15 m) length	80 ft (24 m) length	50 ft (15 m) length	80 ft (24 m) length	
1 ft/s (30 cm/s)	1 ft/s (30 cm/s)	2 ft/s (60 cm/s)	2 ft/s (60 cm/s)	

Visit www.hysecurity.com

For specifications, tech support, pictures and email subscriptions



1-800-321-9947 • www.hysecurity.com

Ultra Reliable High Security

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See the latest from HySecurity at www.hysecurity.com

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.

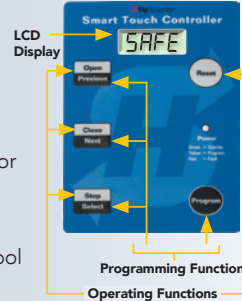
SIMPLE. HySecurity strives for simplicity. Easy to install. Easy to configure. Easy to maintain. Easy to troubleshoot and repair.

RELIABLE. HySecurity operators last decades under the harshest climates and user conditions.

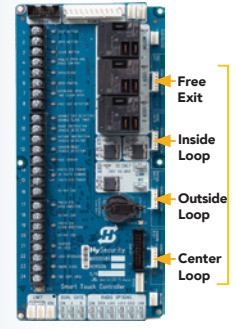
SECURE. HySecurity is the most used operator on critical infrastructure sites such as nuclear power plants, high security government agencies, embassies, ports, airports, and much more.

SMART TOUCH CONTROLLER AND S.T.A.R.T. (Smart Touch Analyze & Retrieve Tool)

- Microprocessor-based (Non-PLC)
- 21 field configurable inputs
- 3 field configurable user relay outputs
- 4 plug-in HY-5A vehicle detector sockets
- RS-485 and RS-232
- Date & time stamped fault logs, errors and security alerts
- PC interface provided for easy configuration and quick troubleshooting using Smart Touch Analyze and Retrieve Tool (S.T.A.R.T.)



Smart Touch Controller Keypad



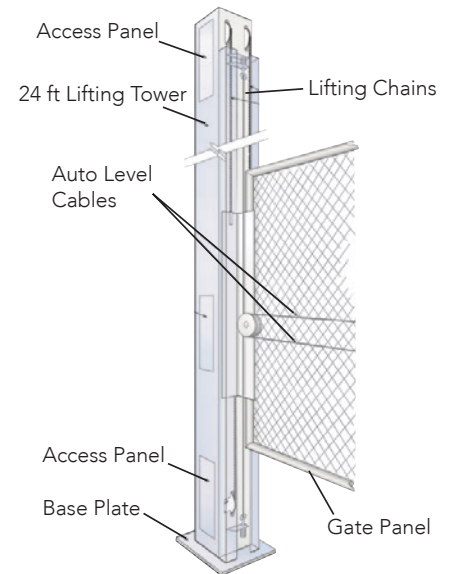
Smart Touch Controller Board

4 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	
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) using environmentally friendly Uniflow fluid or -10° F to 158° F (-23° C to 70° C) using biodegradeable fluid. No heater necessary.			
1 Phase Power	208/230V 60 Hz, 220V 50 Hz		230V 60 Hz	
3 Phase Power	208/230/460/575V 60 Hz 220/380V 50 Hz		208/230/460V 60 Hz 220/380V 50 Hz	
Communication	RS-232, RS-485			
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			
ETL Listed (UL 325)	Usage Class I, II, III, IV		Usage Class III, IV	
Warranty	5 year			

UPS Backup Models

UPS Backup Model	HydraLift 10 UPS	HydraLift 20 UPS	HydraLift 10F UPS	HydraLift 20F UPS



HydraLift™ Post

OPTIONAL ACCESSORIES: HY-5A intelligent vehicle detectors, custom post height, heater, strobe light, traffic light. Compatible with most available access control, safety, vehicle detection and many other accessories.

SYSTEM DESIGN SUPPORT: Contact HySecurity for CAD drawings, technical manuals, help with custom site requirements or other specifications support. Download operator specifications online at www.hysecurity.com or call to speak with a HySecurity representative today.



Contact HySecurity for an operator/parts distributor near you.

phone **800-321-9947** fax **888-321-9946**

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