

# Anti-Ram



# HydraSupply XL™



Universal Wedge HPU

## Universal\* Wedge HPU

**Retrofit most vehicle barrier HPUs** at a fraction of the cost of complete wedge replacement. Outperforms, outlives OEM systems. **Little or no site work to impair facility use, or compromise security.**



**5-year warranty**  
Unparalleled reliability.



**No crane required**  
Light enough to install with loader or forklift



**Available single acting**  
for gravity return or double acting for powered return



**Integrated manifold**  
with state-of-the-art cartridge valves yields high performance in a compact, easy to service, package



**Heavy duty**



**Small system footprint**  
compact power and control design reduces system footprint to a fraction of competitors



**Up to hundreds of cycles**  
after AC power loss with DC Power Supply w/ HyCharger DC™ \*\*



**3-5 seconds Open/Close**  
1-2 seconds FAST EFO.  
Dependent on wedge specs.

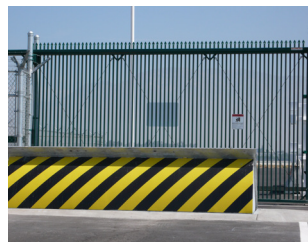
**MADE IN THE USA**  
WITH GLOBAL MATERIALS



## RETROFIT

Delta Scientific, Ross Technology, Nasatka, B&B ARMR, SecureUSA® APSPG, Ameristar® , FutureNet, Western Industries, others ...

SecureUSA is a registered trademark of SecureUSA, Inc. Ameristar is a registered trademark of Ameristar Corporation.

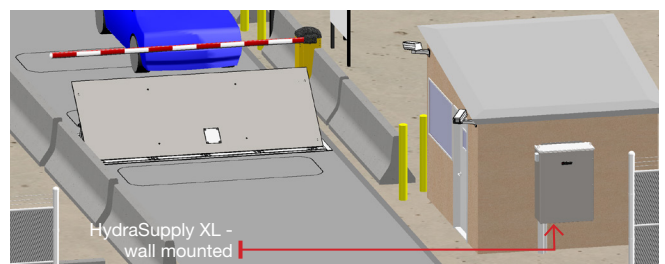


## WEDGE HPU REPLACEMENT

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

**VISIT HYSECURITY SUPPORT PAGE** for installation manuals, parts diagrams, wiring diagrams, specifications, image gallery, videos, training and much more.

\*HydraSupply XL retrofits most manufacturer's vehicle barrier wedges. Contact HySecurity sales at 800-321-9947 to confirm wedge specifications.



# Technical Specifications

Model	HydraSupply XL Single Acting AC	HydraSupply XL Double Acting AC	HydraSupply XL Single Acting DC	HydraSupply XL Double Acting DC
Duty Cycle	100/hr depends on wedge			
Horsepower	5 hp		4 hp	
Drive	Hydraulic			
Open/Close Time	3-5 seconds, dependent on wedge specs			
Emergency Fast Operate	1-2 seconds, dependent on wedge specs			
Manual Operation	Hand pump (standard)			
UPS Battery Backup Cycles	Generates multiple cycles from fully charged accumulator.			
Accumulator	2.5 or 5 gallon	5 gallon	2.5 or 5 gallon	5 gallon
Temperature Rating	-40° to 158° F (-40° to 70° C) or -10° to 158° F (-23° to 70° C) HySecurity specified biodegradable fluid			
Input Voltage	115V or 208-230V 50/60Hz			
Single Phase Voltages	230V 60Hz,220V 50Hz*	230V 60Hz,220V 50Hz*	115V 50/60Hz 23A*** or 208-230V 50/60Hz 11.5A	
Three Phase Voltages	208-230/460V 60Hz,220/380/440V 50Hz		n/a	
Batteries	Two 8Ah batteries power low voltage controls for 24 hours after AC power loss		Two 110 Ah batteries located in separate DC UPS enclosure	Two 110Ah batteries located in separate DC UPS enclosure
Communication	RS-232, RS-485			
User Controls	Smart Touch Controller with 70+ configurable options. Smart Touch keypad and 32 character, OLED 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 relay outputs.			
Enclosure	HydraSupplyXL: Type 3R, 91w x 122h x 41d cm (36w x 48h x 16d inch), optional NEMA 4X		HydraSupply XL: Type 3R, 91w x 122h x 41d cm (36w x 48h x 16d inch), optional NEMA 4X; DC Power Supply: Type 3R, 76w x 76h x 30d cm (30w x 30h x12d inch)	
Finish	Gray polyester powdered paint finish over galvanized steel			
ETL Listed (UL 325)	Control panel certified to UL 508A by ETL			
Cylinder Size	up to four 2 x 12 inch cylinders or one 4 x 12 inch cylinder			
Reservoir	7 gallon			
Warranty	5 year			

HydraSupply XL retrofits most manufacturer's vehicle barrier wedges. Contact HySecurity sales at 800-321-9947 to confirm wedge specifications

\* The operator's normal duty cycle and the actual number of combined cycles available from batteries depends upon wedge plate weight, number of batteries, state of charge and health, ambient temperature, accessory power draw and frequency of gate cycles during power outage.

\*\* 115V input requires 30A branch circuit.

## Optional Accessories [see website for complete list](#)



Hy5B™ Vehicle Detector



Hy8Relay™ Module



Heater Kit



[support.hysecurity.com](http://support.hysecurity.com)

Nice/HySecurity is an industry leader of automated gate and perimeter security solutions.

The HySecurity brand provides high-quality, ultra-reliable industrial gate operators and crash-rated, Hostile Vehicle Mitigation (HVM) vehicle barriers designed to secure and protect critical infrastructure and facilities worldwide.



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