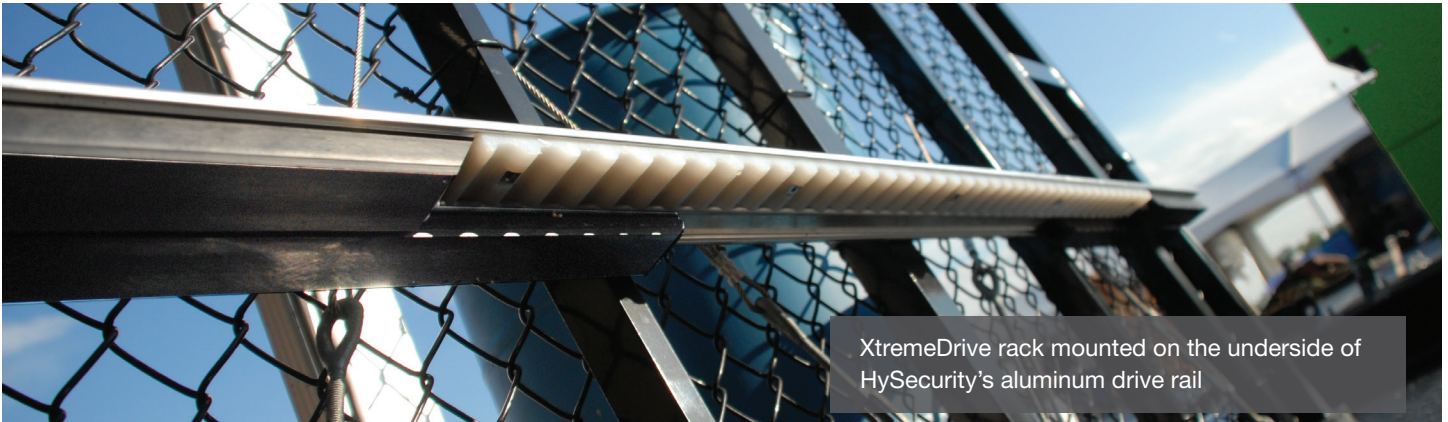




# XtremeDrive™ System

Another HySecurity Innovation

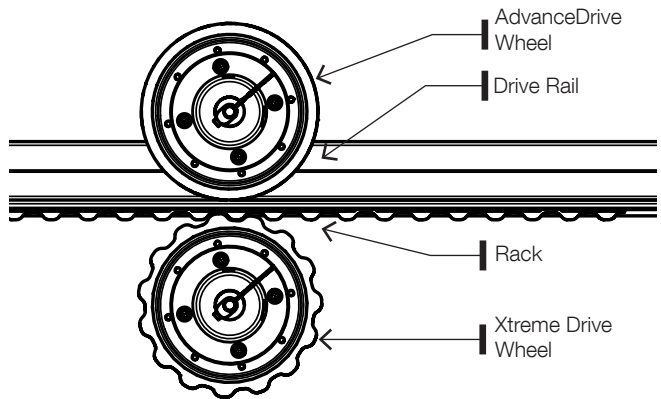


XtremeDrive rack mounted on the underside of HySecurity's aluminum drive rail

## XtremeDrive™ Traction for Extreme Conditions

Handle exceptionally difficult to move, large, heavy or stiff\* gates with the XtremeDrive rack and drive wheel system. XtremeDrive powerfully moves the heaviest gates in the most unique situations and challenging weather conditions.

The XtremeDrive Rack and Wheel system is made from a high-tech engineered polymer, requires no lubrication (unlike chain driven systems) and is virtually indestructible.



PART#	DESCRIPTION
MX5349	XtremeDrive Wheel Conversion Kit, 6 inch
MX5350	XtremeDrive Wheel conversion Kit, 8 inch
MX5351	XtremeDrive Wheel, Replacement, 6 inch with lug nuts
MX5352	XtremeDrive Wheel, Replacement, 8 inch with lug nuts
MX4993	Nut, Lug, 5/16-24, (Qty 4)
MX002750	XtremeDrive rack install kit, includes tooling and drill jig
MX002599	XtremeDrive Rack Kit, 25 inch

### XTREMEDRIVE SYSTEM BENEFITS

- **Heavy gates operate more reliably** in severe weather including conditions where snow, ice, blowing salt, sand and dust build up on the drive rail.
- **Provides maximum pull force and traction** for exceptionally hard to move gates.\*
- **Cogged lower wheel** engages a matching cogged rack and increases traction the entire length of drive rail under the worst conditions.
- **Easy retrofit.** Replace smooth bottom wheel with XtremeDrive wheel and add rack to existing drive rail. XtremeDrive wheel fits standard SlideDriver wheel mounts.

### COMPATIBILITY

- **Drive Rail** Recommended to use HySecurity grooved (flangeless) drive rail or steel/aluminum angle iron. If mounting XtremeDrive to a flanged drive rail, the clearance between the flanges must be a minimum of 2".
- **Operators** All SlideDriver models. Standard on SlideDriver 80 and SlideDriver 200. Retrofit kit for SlideDriver 15, SlideDriver 30F, SlideDriver 40, SlideDriver 50VF models

\* HySecurity's XtremeDrive System does not replace an improperly adjusted gate operator and poorly maintained or installed gate. Ensure your operator and gate are installed and maintained according to the manufacturer's guidelines before retrofitting XtremeDrive. If you are retrofitting a SlideDriver with XtremeDrive you will have to raise the drive rail ¼" to ½".

# XtremeDrive™ System

	FAST		FAST			
	1,500 lb gates 1 ft/s	3,000 lb gates 1.7 ft/s	4,000 lb gates 1 ft/s	5,000 lb gates 2.2 ft/s or 3 ft/s	8,000 lb gates 1 ft/s	20,000 lb gates 1 ft/s
<b>Model</b>	<b>SlideDriver 15</b>	<b>SlideDriver 30F</b>	<b>SlideDriver 40</b>	<b>SlideDriver 50VF2/3</b>	<b>SlideDriver 80</b>	<b>SlideDriver 200</b>
<b>Part #</b>	222 SS ST	222 EX 1.7 ST	222 E ST	222 X3 ST	222 X1 ST	444 XS ST
<b>Duty Cycle</b>	Continuous					
<b>Horsepower</b>	1 hp UPS model: 2 hp	2 hp	1 hp UPS model: 2 hp	2 hp	2 hp	5 hp
<b>Drive</b>	Hydraulic					
<b>Drive Wheels</b>	Two 6 inch (15 cm) AdvanceDrive wheels	Two 6 inch (15 cm) AdvanceDrive wheels	Two 6 inch (15 cm) AdvanceDrive wheels	Two 8 inch (20 cm) AdvanceDrive wheels	One 8 inch (20 cm) AdvanceDrive wheel, One 8 inch XtremeDrive wheel and 27 ft (8 m) of rack	Two 8 inch (20 cm) AdvanceDrive wheels, Two 8 inch XtremeDrive wheels and 52 ft (16 m) of rack
<b>Gate Weight Max.</b>	1,500 lb (680 kg)	3,000 lb (1,361 kg)	4,000 lb (1,814 kg)	5,000 lb (2,268 kg)	8,000 lb (3,629 kg)	20,000 lb (9,072 kg)
<b>Gate Length Max.</b>	Limited only by weight					
<b>Drawbar Pull</b>	300 lb (136 kg)	300 lb (136 kg)	300 lb (136 kg)	300 lb (136 kg)	600 lb (272 kg)	1,200 lb (544 kg)
<b>Rate of Travel</b>	1 ft/s (30 cm/s)	1.7 ft/s (50 cm/s)	1 ft/s (30 cm/s)	Field adjustable, 2.2 ft/s (70 cm/s) or 3 ft/s (91 cm/s) Emergency Fast Operate 3 ft/s (91 cm/s)	1 ft/s (30 cm/s)	1 ft/s (30 cm/s)
<b>Temperature Rating</b>	-40° to 158° F (-40° to 70° C)					
<b>1 Phase Power</b>	115/208/230V 60 Hz 110/220V 50 Hz***	208/230V 60 Hz 220V 50 Hz***	115/208/230V 60 Hz 110/220V 50 Hz***	208/230V 60/50 Hz	208/230V 60 Hz 220V 50 Hz***	230V 60 Hz 220V 50 Hz***
<b>3 Phase Power</b>	208/230/460V; 220/380/440V 50Hz***			208/230V 60/50Hz or 380/460V 60/50Hz	208/230/460V; 220/380/440V 50Hz***	
<b>Communication</b>	RS-232, RS-485					
<b>User Controls</b>	Smart Touch Controller with 70+ configurable settings, programmed via the keypad and display or a PC using S.T.A.R.T. software.					
<b>Relays</b>	Three configurable user relays: one 30VDC, 3A solid state and two 250VAC, 10A electromechanical; Optional Hy8Relay™ for 8 additional relay outputs					
<b>Finish</b>	Zinc plated with powder coating					
<b>ETL Listed (UL 325)</b>	Usage Class I, II, III, IV	Usage Class III, IV	Usage Class I, II, III, IV	Usage Class III, IV	Usage Class III, IV	Usage Class III, IV
<b>Warranty</b>	5 year w/product registration					

## UPS Battery Backup Power and Additional Models

<b>DC Power Supply* † with HyCharger DC</b>	SlideDriver 15 UPS	SlideDriver 30F UPS	SlideDriver 40 UPS	-	SlideDriver 80 UPS	SlideDriver 200 UPS**
<b>AC Power Supply with HyInverter AC*</b>	SlideDriver 15 with HyInverter AC	-	SlideDriver 40 with HyInverter AC	SlideDriver 50VF2/3 with HyInverter AC	-	-
<b>Correctional Facility</b>	-	SlideDriver 30F-C	SlideDriver 40-C	SlideDriver 50VF2/3-C	SlideDriver 80-C	SlideDriver 200-C
<b>Modular</b>	SlideDriver 15-M	SlideDriver 30F-M	SlideDriver 40-M	SlideDriver 50VF2/3-M	SlideDriver 80-M	SlideDriver 200-M

\* 3,000 ft/hr 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.

\*\* SlideDriver 200 UPS has a 2,000 ft/hr expected duty cycle. Actual duty cycle depends on site specific conditions and gate configuration.

\*\*\* 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.

To enable fully automatic operation, all SLIDE gate operators require a minimum of TWO monitored external entrapment protection sensors (one for each direction) to protect entrapment zones in both the open and close direction of travel. Visit [www.hysecurity.com/gatesafety](http://www.hysecurity.com/gatesafety) for more information on UL 325 standards and gate safety.



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[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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