



AdvanceDrive™ Wheel



SlideDriver™

Easy Installation and Ultra Reliable Wheels

Save time and money with SlideDriver's innovative AdvanceDrive Wheel. This wheel and hub system replaces the former drive wheel unit making wheel replacement simpler, less time consuming and less expensive. With proper gate maintenance, the AdvanceDrive wheels should last longer than those they replace.

The AdvanceDrive features an abrasion resistant urethane tire chemically and mechanically bonded to a diecast aluminum wheel, drastically reducing the possibility of tread delamination and greatly increasing wheel life.

Operator compatibility

SlideDriver 15, SlideDriver 40, SlideDriver 30F

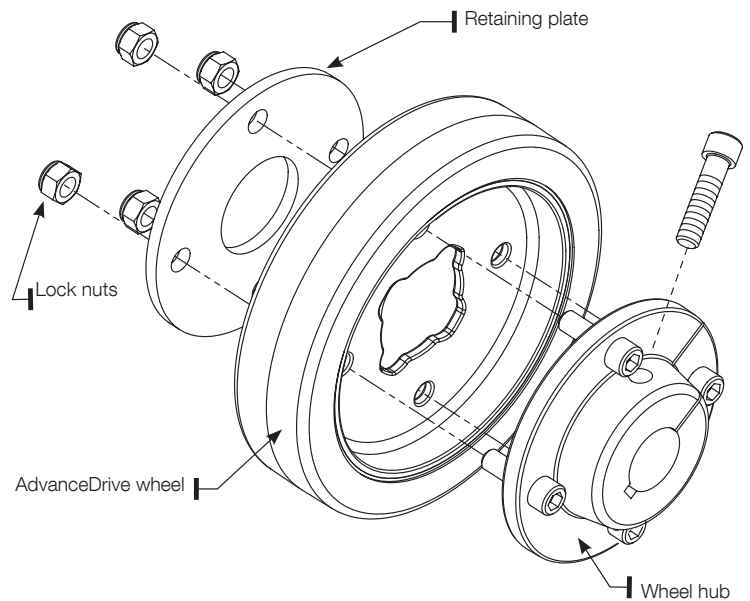
PART NUMBER	DESCRIPTION
MX002707	6 inch AdvanceDrive Wheel assembly
MX001827	6 inch AdvanceDrive Wheel replacement

SlideDriver 80, SlideDriver 200, SlideDriver 50VF2/3

PART NUMBER	DESCRIPTION
MX3132	8 inch AdvanceDrive Wheel assembly
MX002064	8 inch AdvanceDrive Wheel replacement

AdvanceDrive™ Wheel Benefits

- Longer life
- Increased reliability with high quality-controlled manufacturing
- Field and factory proven under brutal conditions
- Simple, quick and inexpensive replacement
- Retrofit – Buy the wheel and hub system once - only the wheel gets replaced the next time, reducing cost
- Two year limited warranty



MX002027	Wheel Conversion Kit w/Hub, Aluminum, AdvanceDrive, 6 inch
MX3132	Wheel Conversion Kit w/Hub, Aluminum, AdvanceDrive, 8 inch
MX4994	Wheel Kit, Replacement, 6" Aluminum with lug nuts
MX5223	Wheel Kit, Replacement, 8" Aluminum with lug nuts
MX4993	Nut, Lug, 5/16-24, (Qty 4)



Contact HySecurity for an operator/parts distributor near you.
 phone 253-867-3700 | 800-321-9947
 hysecurity.com | sales@hysecurity.com



AdvanceDrive™ Wheel

	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
Model	SlideDriver 15	SlideDriver 30F	SlideDriver 40	SlideDriver 50VF2/3	SlideDriver 80	SlideDriver 200
Part #	222 SS ST	222 EX 1.7 ST	222 E ST	222 X3 ST	222 X1 ST	444 XS ST
Duty Cycle	Continuous					
Horsepower	1 hp UPS model: 2 hp	2 hp	1 hp UPS model: 2 hp	2 hp	2 hp	5 hp
Drive	Hydraulic					
Drive Wheels	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
Gate Weight Max.	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)
Gate Length Max.	Limited only by weight					
Drawbar Pull	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)
Rate of Travel	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)
Temperature Rating	-40° to 158° F (-40° to 70° C)					
1 Phase Power	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***
3 Phase Power	208/230/460V; 220/380/440V 50Hz***			208/230V 60/50Hz or 380/460V 60/50Hz	208/230/460V; 220/380/440V 50Hz***	
Communication	RS-232, RS-485					
User Controls	Smart Touch Controller with 70+ configurable settings, programmed via the 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 relay outputs					
Finish	Zinc plated with powder coating					
ETL Listed (UL 325)	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
Warranty	5 year w/product registration					

UPS Battery Backup Power and Additional Models

DC Power Supply* † with HyCharger DC	SlideDriver 15 UPS	SlideDriver 30F UPS	SlideDriver 40 UPS	-	SlideDriver 80 UPS	SlideDriver 200 UPS**
AC Power Supply with HyInverter AC*	SlideDriver 15 with HyInverter AC	-	SlideDriver 40 with HyInverter AC	SlideDriver 50VF2/3 with HyInverter AC	-	-
Correctional Facility	-	SlideDriver 30F-C	SlideDriver 40-C	SlideDriver 50VF2/3-C	SlideDriver 80-C	SlideDriver 200-C
Modular	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 for more information on UL 325 standards and gate safety.

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

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



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