Premium Security and Reliability
The Premium Slide Gate Operator

The ultimate in quality and reliability

Decades long life and low maintenance

Move the longest, heaviest gates up to 20,000 lb

Secure, heavy duty chassis - no visible moving parts

1 – 3 ft/s gate travel. Emergency Fast Operate at 3 ft/s

Dual gate, sally port or sequenced gate integration
for Industrial and High Security

- Easy system troubleshooting with onboard event log
- Field programmable to specific site requirements
- UPS models retain full functionality during an AC power outage
- Extreme temperature range without heater
- Real time system security alerts
- 5-year warranty
A Model for Every Site

32 SlideDriver™ Models

<table>
<thead>
<tr>
<th>Model</th>
<th>Duty Cycle</th>
<th>Horsepower</th>
<th>Part #</th>
<th>Drive Wheels</th>
<th>Gate Weight Max.</th>
<th>Rate of Travel</th>
<th>Temperature Rating</th>
</tr>
</thead>
<tbody>
<tr>
<td>SlideDriver 15</td>
<td>Continuous</td>
<td>1 hp (UPS model: 2 hp)</td>
<td>222 SS ST</td>
<td>Two 6 inch (15 cm) AdvanceDrive wheels</td>
<td>1,500 lb (680 kg)</td>
<td>1 ft/s (30 cm/s)</td>
<td>-40º to 158º F (-40º to 70º C)</td>
</tr>
<tr>
<td>SlideDriver 30F</td>
<td></td>
<td>2 hp</td>
<td>222 EX 1.7 ST</td>
<td>Two 6 inch (15 cm) AdvanceDrive wheels</td>
<td>3,000 lb (1,361 kg)</td>
<td>1.7 ft/s (50 cm/s)</td>
<td></td>
</tr>
<tr>
<td>SlideDriver 40</td>
<td></td>
<td>1 hp (UPS model: 2 hp)</td>
<td>222 E ST</td>
<td>Two 6 inch (15 cm) AdvanceDrive wheels</td>
<td>4,000 lb (1,814 kg)</td>
<td>1 ft/s (30 cm/s)</td>
<td></td>
</tr>
<tr>
<td>SlideDriver 50VF2/3</td>
<td></td>
<td>2 hp</td>
<td>222 X3 ST</td>
<td>Two 8 inch (20 cm) AdvanceDrive wheels</td>
<td>5,000 lb (2,268 kg)</td>
<td>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)</td>
<td></td>
</tr>
<tr>
<td>SlideDriver 80</td>
<td></td>
<td>2 hp</td>
<td>222 X1 ST</td>
<td>Two 8 inch (20 cm) AdvanceDrive wheels, One 8 inch XtremeDrive wheel and 27 ft (8 m) of rack</td>
<td>8,000 lb (3,629 kg)</td>
<td>1 ft/s (30 cm/s)</td>
<td></td>
</tr>
<tr>
<td>SlideDriver 200</td>
<td></td>
<td>5 hp</td>
<td>444 XS ST</td>
<td>Two 8 inch (20 cm) AdvanceDrive wheels, Two 8 inch XtremeDrive wheels and 52 ft (16 m) of rack</td>
<td>20,000 lb (9,072 kg)</td>
<td>1 ft/s (30 cm/s)</td>
<td></td>
</tr>
</tbody>
</table>

**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

<table>
<thead>
<tr>
<th>UPS Battery Backup Power and Additional Models</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>DC Power Supply</strong></td>
</tr>
<tr>
<td><strong>AC Power Supply with HyInverter AC</strong></td>
</tr>
<tr>
<td><strong>Correctional Facility</strong></td>
</tr>
</tbody>
</table>

- 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 (610 m/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 hysecurity.com/gatesafety for more information on UL 325 standards and gate safety.
Program and Troubleshoot

- Microprocessor-based (Non-PLC)
- 21 field configurable inputs
- 3 field configurable user relay outputs. Hy8Relay™ option provides 8 additional user relay outputs
- 4 plug-in Hy5B™ vehicle detector sockets
- RS-232, RS-485 and HyNet™
- Date and time stamped fault logs, errors and security alerts
- PC software simplifies configuration and troubleshooting using Smart Touch Analyze and Retrieve Tool (S.T.A.R.T.).
- Unparalleled power surge/lightning strike protection
- Easy one wire input terminal connections and common wire buss

Smart Touch Controller

- Field Programmable Smart Touch Controller provides the ultimate in configurability and system troubleshooting.
- Enclosed, Secure Pinch-Wheel Drive
  - No exposed chain
  - Long life
  - Field and factory proven under brutal conditions
  - Simple, quick and inexpensive replacement
  - Two year limited warranty

Industrial Grade Components ensure extremely low maintenance and exceptionally long life.

Electrical Enclosure

Secure Uni-Body Welded Chassis constructed with rigid 12 gauge sheet metal and protected with ultra durable polyester powder coat over zinc plating for an enduring attractive finish.

Extremely Reliable Hydraulics contain only one gallon of high performance hydraulic fluid. Operates in extreme temperature range.
SlideDriver Correctional offers three high security lock options and a heavier, 10-gauge steel cover for added protection. HySecurity Correctional Facility gate operators come standard with all software needed to interface with common options and interlocks used at correctional facilities, such as gate position outputs, interlock capability for sally ports or sequenced gates, and multiple relays for an external solenoid lock or other customizable options.

- **Highest security.** Heavier, 10-gauge cover with a high security lock for added protection. Easy to program for sally port, external lock mechanisms, and gate position indicator. Available with an optional internal deadbolt gate lock.

- **Three lock options.** Deadbolt, padlock and T-lock

- **Easy to integrate.** Shipped ready to interface with common options and interlocks used at correctional facilities, such as gate position outputs. Has interlock capability for sally ports and an interface relay to control an external solenoid lock.

**Applicable Models:**
- SlideDriver 30F-C, 30F-C UPS,
- 30F-CM, 40-C, 40-CM, 40-C UPS,
- 50VF2/3-C, 50VF2/3-CM, 80-C,
- 80-C UPS, 200-C, 200-C UPS

Solenoid lock is not available with UPS models

**Choose your lock:**

- **Deadbolt Prep:** Plate is designed to accommodate a 1010 deadbolt lock
- **Internal Solenoid Lock:** Deadbolt lock employs a 3/4 inch (19mm) stainless-steel lock pin to lock the gate in the closed position
- **Padlock Prep:** Plate is designed to accommodate a standard padlock
- **T-Lock:** Option includes the T-lock
Modular

**SlideDriver Modular** remotely locates all hydraulics and controls in a separate lockable enclosure for sites requiring unique mounting, highest security, blast mitigation or areas requiring noise reduction.

- **Highest security.** Threat of vandalism or unauthorized operator programming is greatly reduced with the Smart Touch Controller, electric motor assembly and pump pack remotely located in the HydraSupply. The only parts remaining in the operator are drive wheels, hydraulic motors and limit switches.

- **Blast mitigation.** In factories or other areas where gases or airborne particulates could pose an explosive danger, modular SlideDrivers remotely locate most electrical components, protecting against possible ignition of combustible materials.

- **Quiet.** Choose modular for noise-sensitive sites.

---

**Remotely Located Enclosure**

---

**Applicable Models:**

**Remote Location:**
The Pump/Electrical Enclosure (shown post-mounted) can be on either side of the Drive Unit. It can also be wall-mounted and/or located remote from the Drive Unit.

HydraSupply enclosure may be located up to 100 ft (30.5 m) from operator. For longer than 100 ft runs, or extremely cold climates, call HySecurity for hose specifications.

---

* Drive unit with two hydraulic motors shown; drive unit with four hydraulic motors is similar.
** The optional heater requires a separate electrical conduit (not shown) between the control box and drive unit.
Move Up to 20,000 lb Gates

SlideDriver 80 and 200

- Move large, heavy gates up to 20,000 lb (9,072 kg)
- SlideDriver models 80 and 200 utilize HySecurity's XtremeDrive™ system for maximum pull force
- SlideDriver 200 operates with a double-wide, four wheel drive
- Retain full functionality during an AC power outage using HySecurity's advanced DC Power Supply with HyCharger DC™, a powerful 50A three stage charger, designed and built for continuous duty and long battery life
- Seamless synchronization with all HySecurity operators for dual gate, sally port or sequenced gate integration

Another HySecurity Innovation

XtremeDrive™ System

- The XtremeDrive System comes standard with SlideDriver 80 and 200 and is optional with all models
- Heavy gates operate more reliably in severe weather including conditions where excessive ice, snow, 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.

* HySecurity's XtremeDrive System does not replace an improperly adjusted gate operator or a 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”.
UPS Backup Option - AC/DC

Maintain security even after AC power loss

HySecurity UPS backup systems keep vehicle barriers and access control points alive and cycling after AC power loss.

DC Power Supply with HyCharger DC
A powerful 50A three stage charger, custom built for continuous duty and long battery life.

- Redundant chargers increase security & reliability
- Burst mode power when needed
- Easy retrofit for existing DC power supply
- Duty cycle: continuous
- Input power: 115, 208/230 VAC; 50/60 Hz
- Fast, min 2-hour recharge
- Wide temp rating: -40° to 70°C (-40° to 158°F)
- Climate controlled heating and cooling

AC Power Supply w/HyInverter AC
Back up ALL HySecurity Variable Frequency (VF) operators including SlideDriver 50VF2/3.

- AC Power Supply field retrofits competitor 1 hp operators
- Install anywhere on branch circuit, from operator to protected facility
- Quick power transfer: ½ AC cycle
- Input power: 208/230VAC, 50/60Hz, single phase
- Fast, min 6-hour recharge
- Wide temp rating: -40° to 50°C (-40° to 122°F)
- Climate controlled heating and cooling

SlideDriver 40 UPS at aviation facility
SlideDriver 50VF2/3 at Data Center
Accessories

Base extension
Raise SlideDriver up 12 inches for additional conduit accessibility and operator flexibility.

XtremeDrive™ System
Handle exceptionally difficult to move, large or heavy gates with the XtremeDrive rack and drive wheel system.

HySB™ Detector
Trouble-free configuration allows extensive system diagnostics and recording of all loop fault conditions.

Heater Kit
Maintain the reliability of the SlideDriver even in icy and snowy conditions with a heater kit.

Snow brush and scraper kit
Reduce snow and ice buildup. Allow the wheels to make direct contact with the drive rail to reduce slippage.

Internal solenoid kit
As a standard specification on correctional sites, the internal solenoid lock provides the additional security that these sites demand.

Fire Release
Fire and emergency access lock box provides fast gate entry in case of emergency.

Photo Eye Kits
When safety is a priority, photo eyes are the solution. Detect pedestrians or cars before they become entrapped.

Radio Receivers & Transmitters
Remotely operate your gate.

ASO Edge Sensors
Wraparound square, round or channel mount with 10k ohm resistor.

Hy8Relay™
Add 8 user relays to your HySecurity operator. Integrated with Smart Touch controller using S.T.A.R.T.

HyNet™ Gateway Integration
Provides intelligent perimeter control with real time connection to a HySecurity operator that communicates breach and system malfunctions via built in web interface, Web Services API or SNMP.

Amber Strobe Beacon, 24VDC
Add 360 degrees of visible warning during gate operation.

Push Button Station, 2 or 3 Button
Manually control gate operator through control station from a distance by pushing a button.

Clock Timer
Seven day, 24 hour timer.

Heater Kit
Maintain the reliability of the SlideDriver even in icy and snowy conditions with a heater kit.

Snow brush and scraper kit
Reduce snow and ice buildup. Allow the wheels to make direct contact with the drive rail to reduce slippage.
We help hundreds of specifiers successfully design highly complex automated gate systems

Our highly experienced specification professionals save you time by helping you identify what components your project needs, then recommending latest technology and best solutions for you and your client. As Certified Automatic Gate System Designers, their years of hard won experience and knowledge will guide you through industry safety standards to help ensure your project’s compliance. Their total immersion in this dynamic and growing industry safeguards your project’s design and execution success.

Call for System Design Support
1-800-321-9947