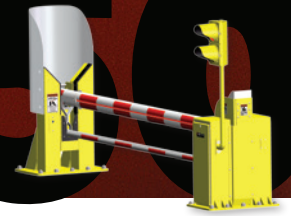


CRASH M50

Strong Arm (M50)™

Patent Pending

Crash Barrier Arm Operator

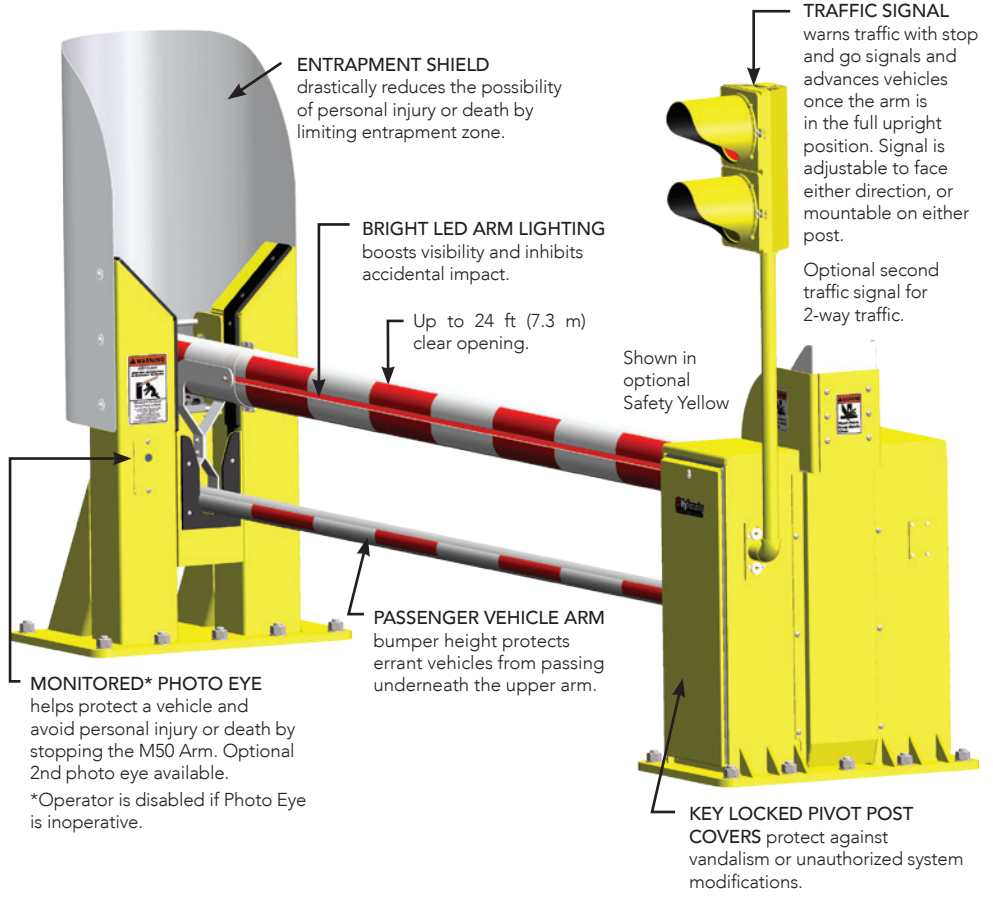


Ultra reliable/Low maintenance • Crash Certified M50 (K12) • Unmatched User Safety

- **Crash certified to ASTM F2656-07 M50, P2.** Penetrated less than 1.3 meter
- **Fast arm speed, 6-8 seconds***, reduces traffic backup by minimizing gate open time
*Depending on arm length
- **Unique dual arm design** prevents a large truck or a small passenger vehicle from breaching the security perimeter
- **Reduce foundation set-up time and ensure accuracy** with provided templates

TYPICAL SITES

Military, Embassy, Airport, Corrections, Petrochemical, Hydroelectric, Port, Law Enforcement, Nuclear Power



STANDARD BENEFITS

- Highly visible LED lighting protects against accidental impact
- Dual arm design for safety and security
- Full 90 degree opening prevents tall vehicles from clipping arm
- Monitored photo eye stops arm when obstructed for enhanced safety
- Emergency Fast Close 5 to 7 seconds depending on arm length
- Hand pump for manual operation
- Integrated encoder produces smooth, easy on hardware, arm movement

- NEMA 3R all weather enclosure with hot dip galvanized anti-corrosion finish
- Arm securely locks hydraulically

OPTIONAL BENEFITS

- Intelligent HY-5A vehicle detectors (plug-in)
- Biodegradable, non-toxic fluid
- Main and remote operator panels
- Mag lock for additional security
- Custom color paint
- Secondary traffic light for two-way traffic
- Uninterruptible Power Supply (UPS) TBA



Power Door Products

(914) 698-5083

www.PowerDoorProducts.com

Ultra Reliable High Security

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Power Door Products

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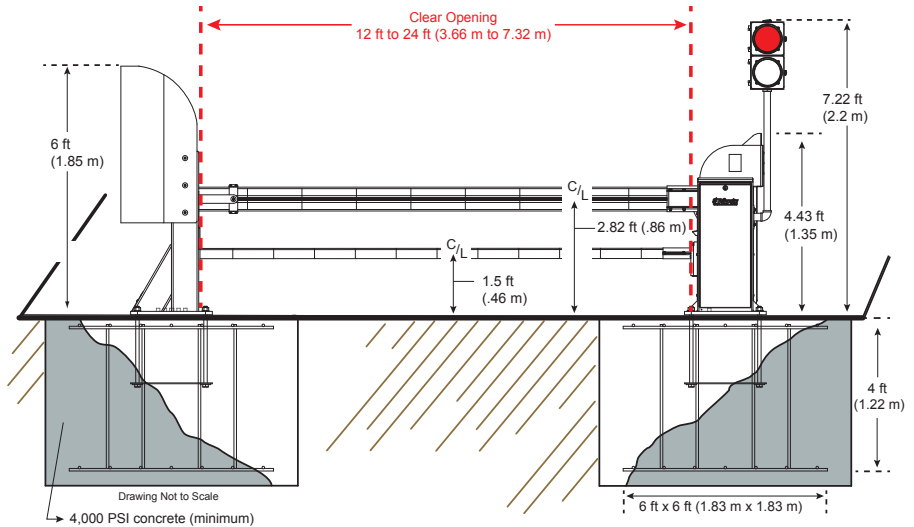
www.PowerDoorProducts.com



See the latest from HySecurity at www.hysecurity.com

Crash certified **StrongArm™ M50** barrier arm provides ultimate hardened security with unmatched user safety for the demanding reliability requirements of industrial, government and military users. HySecurity's unique dual arm design prevents a 15,000 lb (6.8 metric tons) truck or small passenger vehicle from penetrating a secure perimeter. Fast, continuous duty* arm speed minimizes gate open time, and reduces traffic backup by moving more vehicles per hour through the access point.

* 100 cycles/hour



StrongArm M50 Operator, Barrier Arm, and Footing Dimensions

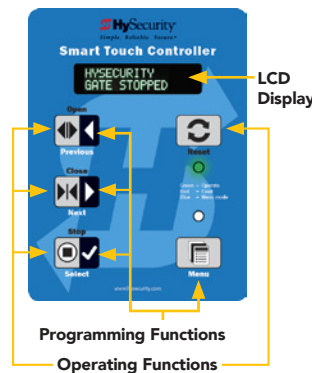
StrongArm (M50)™

Patent Pending

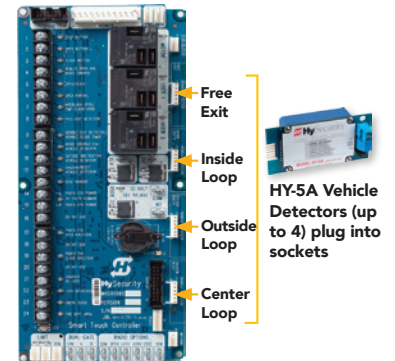
	CRASH
Model	StrongArm M50
Crash Certified	ASTM F2656-07 M50, P2
Duty Cycle	Continuous duty*
Horsepower	2 hp
Drive	Hydraulic
Open/Close Time	6 to 8 seconds depending on arm length
Emergency Fast Close Time	5 to 7 seconds depending on arm length
Clear Opening	12 ft to 24 ft in 2 ft increments (3.66 m to 7.32 m in .61 m increments) Call for custom arm length
Ingress Protection	IP56
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 biodegradable fluid.
1 Phase Power	208/230V, 50/60 Hz 20A
3 Phase Power	208/230V, 50/60 Hz 20A, 380/480V, 50/60 Hz 15A
Communication	RS-232, RS-485, Ethernet option
User Controls	Smart Touch Controller with 70+ configurable options. 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; Optional Hy8Relay™
Foundation	6 x 6 x 4 ft (1.83 x 1.83 x 1.22 m) 4,000 psi concrete, #6 rebar, grade 60
Warranty	5 year
Available with UPS Battery Backup	
UPS Backup	StrongArm M50 UPS**

*100 cycles per hour **UPS model available TBA

Smart Touch Controller Keypad



Smart Touch Controller Board



SMART TOUCH CONTROLLER

- Microprocessor-based (Non-PLC)
- 21 field configurable inputs
- 3 field configurable user relay outputs; Optional Hy8Relay™ - provides eight additional programmable relay outputs
- 4 plug-in HY-5A vehicle detector sockets
- RS-232 and RS-485
- Date & time stamped fault logs, errors and security alerts
- PC interface for easy configuration and quick troubleshooting using Smart Touch Analyze and Retrieve Tool (S.T.A.R.T.)

SYSTEM DESIGN SUPPORT: Contact HySecurity for CAD drawings, specifications, help with custom site requirements, installer referrals, and other technical support.



Simple. Reliable. Secure.®



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