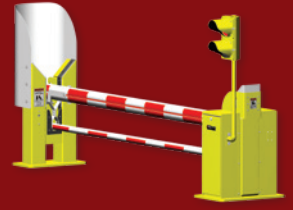


# Anti-Ram

# StrongArm CRASH™



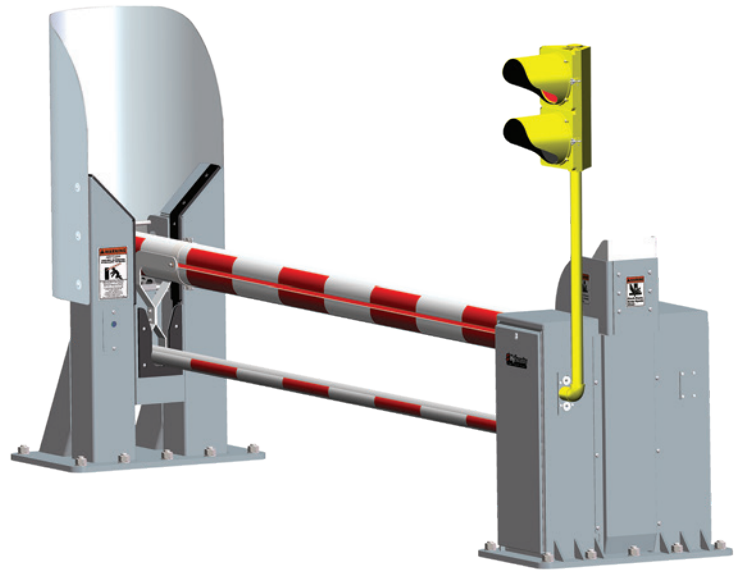
Anti-Ram Barrier Arm Operator

## Ultimate hardened security and unmatched user safety

- StrongArm M30 crash certified to ASTM F2656-07 M30, P1\* penetrated less than 1 meter
- StrongArm M50 crash certified to ASTM F2656-07 M50, P2 penetrated less than 1.2 meter
- StrongArm M30 NP/M50 NP (No-power) models defend high security sites that do not have power.
- Fast arm speed, reduces traffic backup by minimizing gate open time. 6-8 seconds, depending on arm length
- Unique dual arm design prevents a large truck or a small passenger vehicle from breaching the security perimeter
- Highly visible LED lighting protects against accidental impact
- Full 90° opening prevents tall vehicles from clipping arm
- Monitored photo eye stops arm when obstructed for enhanced safety
- UPS Backup option – AC Power Supply with HyInverter AC\*\*

\*\*For 208/230VAC, single-phase AC operators

\* P1 rated for 12 ft clear opening



**StrongArm M50**  
Hot dipped galvanized standard.  
Optional textured yellow powder  
coat over zinc plating.



**StrongArm M30**  
ASTM F2656-07 M50-P1\*  
6 to 8 seconds Open/Close time  
12 to 24 ft clear opening



**StrongArm M50 NP**  
Manually operated  
ASTM F2656-07 M50-P2\*  
6 to 8 seconds Open/Close time  
12 to 24 ft clear opening



Law enforcement



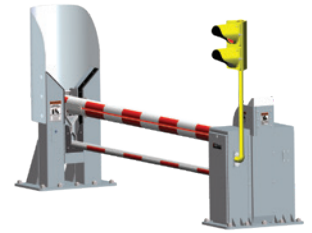
Data Center



No power model

# Anti-Ram Crash

HySecurity operators secure the world's critical infrastructure and key assets where ultimate reliability is vital. StrongArm M30/M50 delivers uncompromising quality to industrial and high security customers worldwide, where ease of use, consistent operation, low maintenance, long life and high reliability is expected.



Anti-Ram Barrier  
Arm Operator

## 4 StrongArmCrash™ Models

Model	StrongArm M30	StrongArm M50	StrongArm M30 NP	StrongArm M50 NP
<b>Crash Certified</b>	ASTM F2656-07 M30-P1*	ASTM F2656-07 M50-P2*	ASTM F2656-07 M30-P1*	ASTM F2656-07 M50-P2*
<b>Duty Cycle</b>	100 cycles/hr**, option for continuous duty		Manually operated	Manually operated
<b>Horsepower</b>	2 hp		—	
<b>Drive</b>	Hydraulic		—	
<b>Open/Close Time</b>	6 to 8 seconds depending on arm length		Open time: approx. 60 to 120 seconds depending on arm Close time: approx. 15 to 25 seconds depending on arm	
<b>Emergency Fast Close Time</b>	5 to 7 seconds depending on arm length		—	
<b>Clear Opening</b>	12 to 24 ft in 2 ft increments (366 to 732 cm in 61 cm increments) Call for custom arm length		12 to 24 ft in 2 ft increments (366 to 732 cm in 61 cm increments) Call for custom arm length	
<b>Full Open Angle</b>	90°		Adjustable 88° ± 2°	
<b>Ingress Protection</b>	IP56		IP56	
<b>Temperature Rating</b>	-40° to 158° F (-40° to 70° C) or -10° to 158° F (-23° to 70° C) using biodegradeable fluid		40° to 158° F (-40° to 70° C) or -10° to 158° F (-23° to 70° C) using biodegradeable fluid	
<b>1 Phase Power</b>	208/230V, 60/50 Hz 20A		—	
<b>3 Phase Power</b>	208/230V, 60/50 Hz, 380/460V, 60/50 Hz		—	
<b>Communication</b>	RS-232, RS-485, Ethernet/fiber using optional HyNet™ Gateway accessory		—	
<b>User Controls</b>	Smart Touch Controller with 70+ configurable options. Smart Touch 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 Type</b>	Hot dipped galvanized standard. Optional textured yellow powder coat over zinc plating.		Hot dipped galvanized standard. Optional textured yellow powder coat over zinc plating.	
<b>Foundation</b>	6 x 6 x 2 ft (183 x 183 x 61 cm) or 4 ft³ (122 cm³), 3,000 psi concrete, #5 rebar, grade 60	6 x 6 x 4 ft (183 x 183 x 122 cm) 4,000 psi concrete, #6 rebar, grade 60	6 x 6 x 2 ft (183 x 183 x 61 cm) or 4 ft³ (122 cm³) 3,000 psi concrete, #5 rebar, grade 60	6 x 6 x 4 ft (183 x 183 x 122 cm) 4,000 psi concrete, #6 rebar, grade 60
<b>Electrical Certification</b>	Control panel certified to UL 508A by ETL		—	
<b>Warranty</b>	5 year		5 year	
<b>UPS Backup Power***</b>				
<b>AC Power Supply with HyInverter AC***</b>	<b>StrongArm M30 with HyInverter AC</b>	<b>StrongArm M50 with HyInverter AC</b>	—	

\*Contact HySecurity to receive a copy of the ASTM F2656-07 M30/M50 Test Certifications. StrongArm M50 received a P2 rating with penetration limited to 1.17 meters

\*\*ExtremeCycle option available

\*\*\* HySecurity offers an optional AC Power Supply w/HyInverter AC™ which provides UPS battery backup for 208/230VAC, single-phase AC gate operators. 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.

### OPTIONAL ACCESSORIES:

- Hy5B™ intelligent vehicle detectors
- Hy8Relay™ - accessory module provides eight additional programmable relay outputs
- HyNet™ Gateway for communicating gate system and accessory status in real time via Ethernet/fiber
- Custom color - Signal Yellow, secondary traffic light, heater, mag lock

**SYSTEM DESIGN SUPPORT:** Contact HySecurity for CAD drawings, tech manuals, help with custom site requirements or other specifications support. Download operator specifications online at [www.hysecurity.com](http://www.hysecurity.com) or call to speak with a HySecurity representative today.

**VISIT [WWW.HYSECURITY.COM](http://WWW.HYSECURITY.COM)** for specifications, installation manuals, wiring diagrams, parts diagrams, image gallery, videos, training and much more.

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