



## Product Data Sheet

Crash certified ASTM F2656-07 M30, P1 standard StrongArm™ M30 barrier arm provides ultimate hardened security with unmatched user safety for industrial, government and military users. The 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)

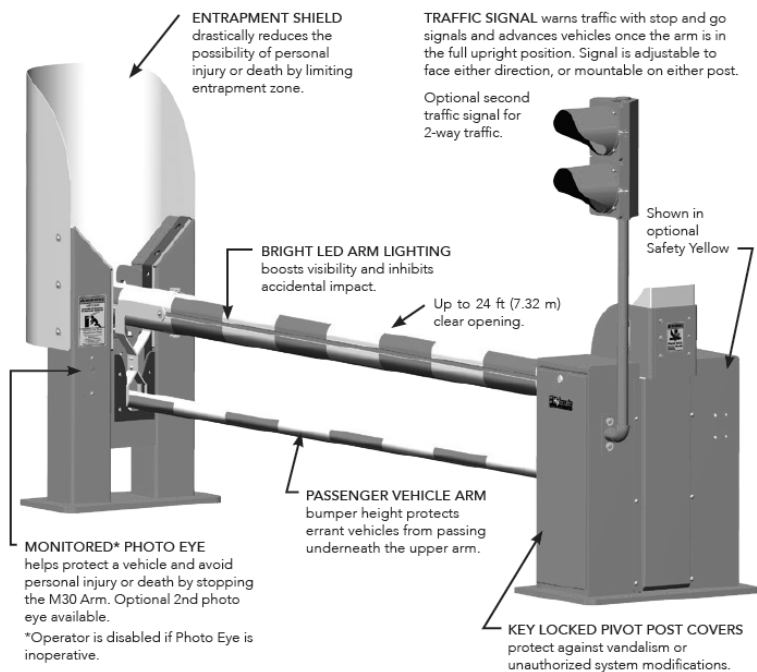
### Key Features

- 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 arm movement and is easy on hardware

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

### OPTIONAL FEATURES

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

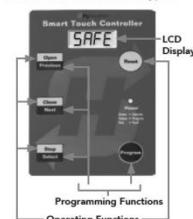


## CRASH

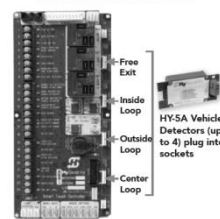
Model	StrongArm M30
Crash Certified	ASTM F2656-07 M30, P1
Duty Cycle	Continuous duty*
Horsepower	2hp
Drive	Hydraulic
Open/Close Time	6 – 8 seconds depending on arm length
Emergency Fast Close Time	5 – 7 seconds depending on arm length
Clear Opening	3.66 m to 7.32 m in .61m increments)Call for custom arm length
Ingress Protection	IP56
Temperature Rating	-40°C – 70°C using environmentally friendly Uni-flow fluid or -23°C to 70°C using biodegradable fluid. No heater necessary.
1 Phase Power	208/230 VAC, 50/60 Hz 20A
3 Phase Power	208/230 VAC, 56/60 Hz 20A, 380/480 VAC, 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
Foundation	1.83 x 1.83 x .61m or 1.22m <sup>3</sup> 3, 000 psi concrete, #5 rebar, grade 60
Warranty	5 year
<b>Available with UPS Battery Backup</b>	
UPS Backup Model	StrongArm M30 UPS **

- Cash certified to ASTM F2656-07 M30, P1 standard. Penetration of less than one meter.
- Fast arm speed, 6 – 8 seconds, reduces traffic congestion by minimizing gate open time.  
\* Depending on arm length
- Unique dual arm design prevents a large truck or a passenger vehicle from breaching the security perimeter.
- Efficiency, with the provided foundation templates saving time and ensuring accuracy.
- Shallow mount foundation reduces cost of civil works.

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
- 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 Analyse and Retrieve Toll (S.T.A.R.T)



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