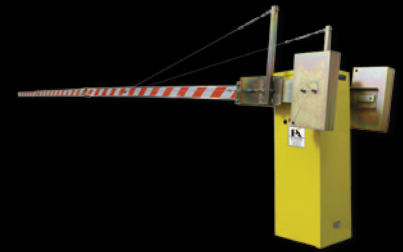


Industrial **StrongArm**™



Barrier Arm Operator

Premium industrial barrier arm operator

- Very long arms, from 10 to 36 ft
- Open speed, 2 to 8 seconds depending on arm length
- Heavy duty, secure chassis and industrial grade components
- Full 90° open prevents tall vehicles from clipping arm
- Dual gate, sally port or sequenced gate integration
- Field programmable to specific site requirements
- DOT model includes breakaway arm bracket
- 14F FAST model with breakaway arm bracket and kill switch
- UPS models retain full functionality during an AC power outage



StrongArm 14F
Up to 14 ft
Side mount, breakaway
2 s open / 3 s close



StrongArm 20
Up to 20 ft
Side mount or center yoke
3 s open / 4 s close



StrongArm 28
Up to 28 ft
Center yoke
5 s open / 6 s close



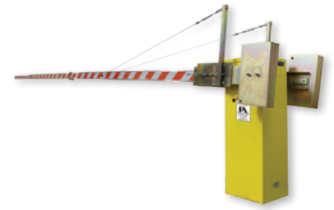
StrongArmDOT 28
Up to 28 ft
Center yoke, breakaway
5 s open / 6 s close



StrongArm 36
Up to 36 ft
Center yoke
8 s open / 8 s close



Parking and Traffic Control



Barrier Arm Operator

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

10 StrongArm™ Models

	FAST	STANDARD	LONGEST ARMS		DOT
Model	StrongArm 14F	StrongArm 20	StrongArm 28	StrongArm 36	StrongArmDOT 28
Part#	HTG 320-2 ST	HTG 320-3 ST	HTG 320-6 ST	HTG 320-8 ST	HTG 320-6 DOT ST
Duty Cycle	2,000 cycles/day				
Horsepower	3/4 hp				
Drive	Hydraulic				
Open/Close Time	2 seconds to open; 3 seconds to close	3 seconds to open; 4 seconds to close	5 seconds to open; 6 seconds to close	8 seconds to open; 8 seconds to close	5 seconds to open; 6 seconds to close
Arm Length Max.*	Up to 14 ft (4.3 m)	Up to 20 ft (6 m) * Side mount available for arms up to 18 ft (5.5 m)	Up to 28 ft (8.5 m)*	Up to 36 ft (11 m)**	Up to 28 ft (8.5 m)*
Arm Design	Side mount. Lighted aluminum arm with HyProtect™ breakaway arm mount and kill switch, up to 14 ft (4.3 m)	Side mount - aluminum up to 18 ft (5.5 m), fiberglass up to 16 ft (5 m) or wood up to 14 ft (4.3 m). Center yoke mount - aluminum up to 20 ft (6 m)	Center yoke. Aluminum up to 24 ft (7 m), fiberglass up to 16 ft (5 m), or aluminum-fiberglass 26+ ft (8+ m)	Center yoke. Aluminum-fiberglass up to 36 ft (11 m)	Center yoke. Breakaway arm bracket. Aluminum arms up to 24 ft (7 m) or aluminum-fiberglass arms 26 and 28 ft (8 and 8.5 m) *
Full Open Angle	90°			Adjustable 86° ± 2°	90°
Temperature Rating	-40° to 158° F (-40° to 70° C) No heater necessary.				
1 Phase Power	115/208/230V 60 Hz, 110/220V 50 Hz				
3 Phase Power	208/230/460 or 575V † 60 Hz, 220/380V 50 Hz				
Communication	RS-232, RS-485, Ethernet/fiber using optional HyNet™ Gateway accessory				
User Controls	Smart Touch Controller with 70+ configurable settings. 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™ for 8 additional relay outputs				
Finish	Zinc plated with yellow powder coating				Hot dipped galvanized with stainless steel cover
Listed to UL 325	Usage Class I, II, III, IV				
Warranty	5 year				

UPS Backup Power Options*** † †

DC Power Supply	StrongArm 14F UPS	StrongArm 20 UPS	StrongArm 28 UPS	StrongArm 36 UPS	StrongArmDOT 28 UPS
AC Power Supply with Hylnverter AC	StrongArm 14F with Hylnverter AC	StrongArm 20 with Hylnverter AC	StrongArm 28 with Hylnverter AC	StrongArm 36 with Hylnverter AC	StrongArmDOT 28 with Hylnverter AC

*Arms 20 ft (6 m) or longer require counterweights.

**Arms 30 ft (9 m) or longer require cable tensioner and arm stabilizer kit and additional counterweights.

*** The operator's normal duty cycle and the actual number of arm cycles available from battery depends upon arm length/weight, battery size, state of charge and health, ambient temperature, accessory power draw and frequency of arm cycles during power outage.

† 575V 3Ø is special order.

†† 115V DC Power Supply requires a 30A branch circuit. Choose voltage with care as chargers are not field convertible.

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 colors, arm light kit, heater

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 or call to speak with a HySecurity representative today.

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

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