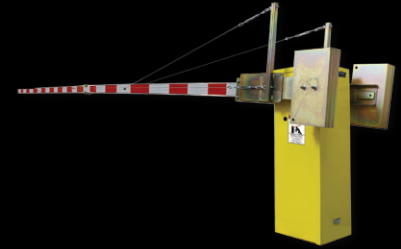


Industrial

# Strong Arm™



Barrier Arm Operator

## Very long arms from 10 - 36 ft

*Hydraulic barrier arm gate known for its reliable service life and arms long enough to control two lanes of traffic.*



Very long arms, from 10 to 36 ft



Easy system troubleshooting with onboard event log



Raise a 36 ft arm in 8 seconds or 10 ft arm in only 2 seconds



DOT model with standard galvanized steel chassis and breakaway arm bracket



Full 90° open on arms up to 28 ft prevents tall vehicles from clipping arm



14F features highly visible lighted arm and resilient bumper



UPS models retain full functionality during an AC power outage\*\*\*



14F model In case of vehicle strike, arm breaks away and arm motion stops, protecting pedestrians, facility and operator/arm



Field programmable to specific site requirements



5 year warranty



Dual or sequenced gate integration



Military



Aviation



Transit

**SYSTEM DESIGN SUPPORT:** Contact HySecurity for help with custom site requirements, CAD drawings, tech manuals or other specifications support.

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



[www.hysecurity.com](http://www.hysecurity.com) | 800-321-9947

Manufacturer of industrial and hostile vehicle mitigation barriers, gate operators and accessories.



# Parking and Traffic Control



StrongArm 14F



StrongArm 20



StrongArm 28



StrongArm 36



StrongArmDOT 28

## 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)				
1 Phase Power	115/208/230V 60 Hz, 110/220V 50 Hz				
3 Phase Power	208/230/460V 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
ETL Listed (UL 325)	Usage Class I, II, III, IV				
Warranty	5 year				

### UPS Battery 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 HyInverter AC	StrongArm 14F with HyInverter AC	StrongArm 20 with HyInverter AC	StrongArm 28 with HyInverter AC	StrongArm 36 with HyInverter AC	StrongArmDOT 28 with HyInverter 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.

† 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.

### Optional Accessories - See website for complete list



Oval Aluminum Arm  
(10, 12, 14 ft)



Flashing Light Kit



Hy5B™ Vehicle  
Detector



Hy8Relay™  
Module



HyNet™ Gateway  
Integration



Heater Kit