StrongArm®

Reliable, low-maintenance multi-lane traffic control

The preferred solution for traffic control, proven through decades of reliable service.

Features:

Reach:
Raise barrier arms up to 36 ft long for broad vehicle access points.

Fast:
Raise arm in as little as 2 seconds (depending on length) to keep traffic flowing

Clearance:
Rotates 90° to fully open arms up to 28 ft., allowing tall vehicles free access

Programmable:
Configurable to specific site requirements

Tough:
Secure steel chassis and tamper resistant cover

Applications:
Easy primary/secondary controls with HySecurity gate operators

Models:
DOT model with standard galvanized steel chassis and breakaway arm bracket

Visible:
14F features available lighted arm for nighttime visibility

Safe:
Available breakaway arm mount stops gate, protecting pedestrians, vehicles, and equipment

Made in USA:
Designed, tested and built with global materials

HySecurity

StrongArm

Parking and Traffic Control

powered by SmartTouch

Technical Specifications

	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 bracket and kill switch, up to 14 ft (4.3 m)	Side mount, aluminum arm up to 18 ft (5.5 m), fiberglass arm up to 16 ft (5 m) or wood arm up to 14 ft (4.3 m). Center yoke mount, aluminum arm up to 20 ft (6 m)	Center yoke mount, aluminum arm up to 24 ft (7 m), fiberglass arm up to 16 ft (5 m), or aluminum-fiberglass arm 26+ ft (8+ m)	Center yoke mount, aluminum-fiberglass arm up to 36 ft (11 m)	Center yoke mount with 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°; Arm will remain vertical when held open.			Adjustable 86° ± 2°	90°; Arm will remain vertical when held open.
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, programmed via the keypad and display or a PC using S.T.A.R.T. software.				
Relay	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 w/product registration				
UPS Battery Backup Power Options					
DC Power Supply* †† with HyCharger DC	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

* 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.
** 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
† 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

HySecurity a Nice company

Contact HySecurity for an operator/parts distributor near you.
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Intertek

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