



SQ3TS[®] System

OPERATING POSITION

Signal Heads per Trailer	2
Stabilizers per Trailer	4
Solar Panel Orientation	flat
Indication Type	12" LED
Signal Trailer Footprint	85" x 85"
Upper Signal Arm Extension	68" - 109" (measured from end of trailer)
Signal Height (Lower)	96" from bottom of green to road surface (per MUTCD)
Signal Height (Upper)	213" from bottom of green to road surface (per MUTCD)

TOW POSITION

Tow Length	279 ¼"
Tow Height	88 ¼"
Trailer Width	85"
Trailer Weight	2995 lbs. per trailer
Tire Size	ST205/75R15 LRC
Trailer Brakes	standard
Tandem tow	yes

SIGNAL SETUP

Signal Head Type	Aluminum
Visor Type	Poly (black)
Face Color Options	standard black / optional yellow
Lamp Size / Type	12" LED
	<i>back plate option</i>

POWER SUPPLY / SETUP

Operating Power Source	12 VDC (16 6-volt batteries)
Battery Capacity	30 days of continuous use @ 72 °
Charge	110-volt on board charger
Solar	minimum 440 watts solar collection
Lift Type	hydraulic

AVAILABLE OPTIONS

Remote Monitoring System | provides location, operating status, and battery voltage.

Wireless Interface | Allows the system to operate with a standard street corner controller.

Back Plates | Provides an additional background around the signal head for enhanced visibility.

Flagger / Pilot Car Module | Allows the flagger or pilot car driver to control the signal system with built-in safeguards.

Traffic Actuators | Facilitates traffic actuation through motion sensors.

Intrusion Alarm | Provides an audible alert in the event a vehicle violates a red indication.

SQ3TS® System

Programming Options

Communication Type	radio - quartz - cable	fixed time - quartz	cable - hardwire	radio
Actuation Option Available	N/A	no	yes	yes
Actuation Method	N/A	N/A	microwave sensor / video detection	microwave sensor / video detection
Min / Max green time available	N/A	no	yes	yes
Dayphase option available	N/A	yes	yes	yes
Green time extensions available	N/A	no	yes	yes
Maximum number of signals per setup	8	8	8	8
Maximum number of phases per setup	7	7	7	7
Hand controller option available	yes	yes	yes	yes
Data logger	yes	yes	yes	yes

Applications

Communication Type	radio - quartz - cable	fixed time - quartz	cable - hardwire	radio
Flagger Applications	yes	yes	yes	yes
Roadside Utility Repair	yes	yes	yes	yes
Construction Projects	yes	yes	yes	yes
Disaster Relief	yes	yes	yes	yes
Parking Lot Access	yes	yes	yes	yes
Sporting Events	yes	yes	yes	yes
Fairs and Festival Traffic Control	yes	yes	yes	yes

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**SIGNAL
TECHNOLOGIES**

General specifications for the SQ3TS® System are subject to change without notice to reflect improvements and upgrades. Additional information is available. Contact Horizon Signal Technologies for details.

Regional Distribution Centers

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