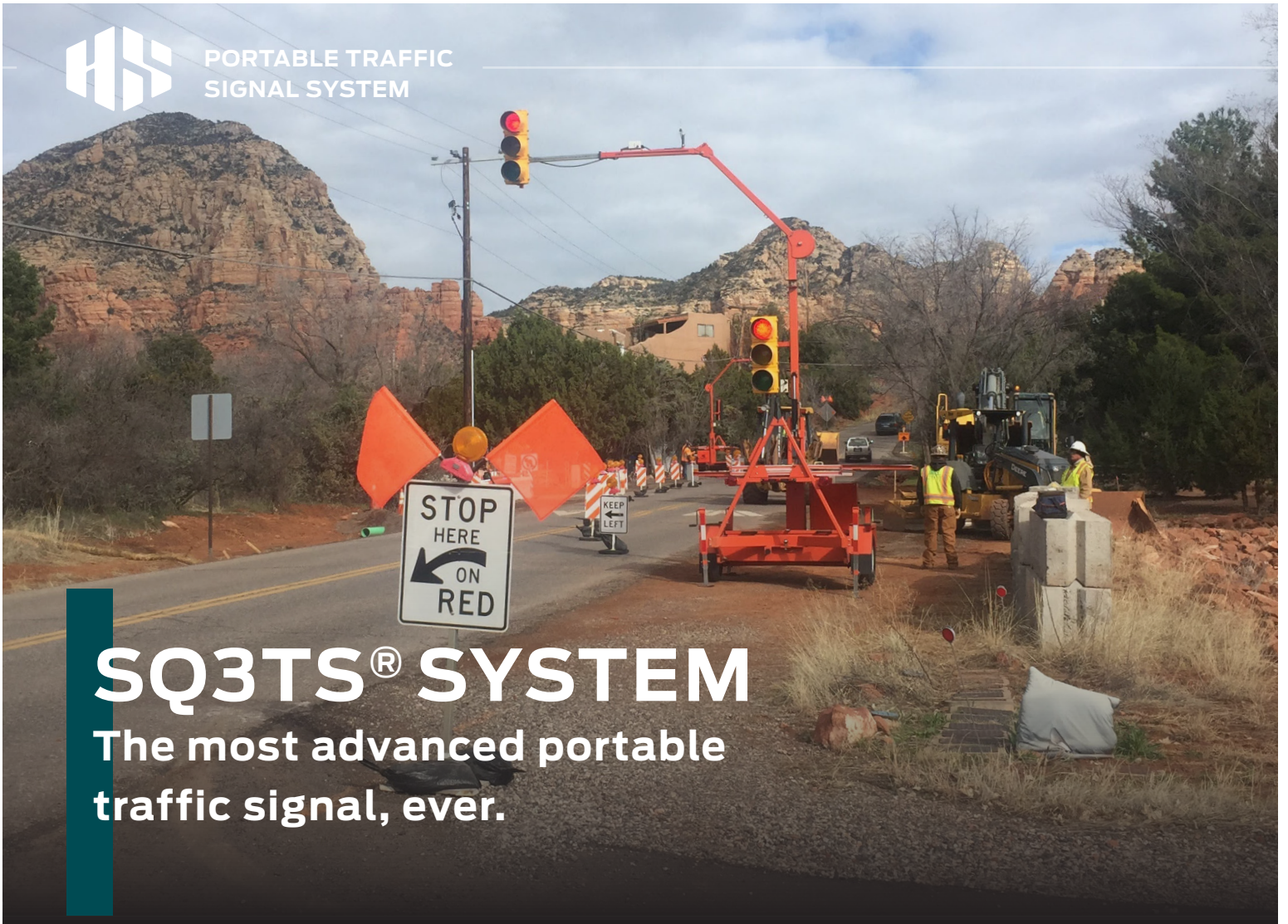




PORTABLE TRAFFIC
SIGNAL SYSTEM



SQ3TS[®] SYSTEM

The most advanced portable
traffic signal, ever.

NEMA TS-5 Type TR1 Portable Traffic Signal System

DESIGNED FOR THE REAL WORLD WORK ZONE

The SQ3TS Trailer-Mounted PTS is the most dynamic and dependable portable traffic signal available today. With an industry-leading 100-mph wind load, and a 25-year design life, the SQ3TS Portable Traffic Signal is the temporary traffic control workhorse that you can rely on year after year. From a simple one-lane bridge repair project, to complete intersection control, the SQ3TS System has you covered, under even the most demanding conditions.

The SQ3TS Portable Traffic Signal exceeds NEMA TS-5 specifications for Type TR1 PTS, and is available with a wide range of add-on components to meet any project requirements.

**“I LOVE THESE
SIGNALS. I WILL
NEVER FLAG
AGAIN!”**

SEAN
Director of Operations &
COO, Broad Safety LLC

SQ3TS® Portable Traffic Signal

SPECIFICATIONS

Signal Lamp	12" (300 mm) diameter LED
Signal Arm Extension	68 to 109" (173 to 277 cm)
Solar Charge	520W min
Power Source	12V / (16) 6V batteries
Tow Height	89" (226 cm)
Trailer Width	85" (216 cm)
Trailer Weight	3000 lb. (1361 kg)

SQ3TS FEATURES

- Heavy-duty trailer with 25-year design life
- Dual-Processor Malfunction Management System
- Withstands sustained winds of 100 mph, gusts up to 110 mph
- 10-year structural warranty on trailer
- Lifting Ring for easy signal placement
- Hydraulic lift system
- 30 days run time on batteries alone
- Up to 14 phases of traffic per system
- Tandem-tow trailers
- Exceeds NEMA TS-5 requirements for Type TR1 PTS
- MUTCD Compliant

AVAILABLE OPTIONS

ADVANCED REMOTE MONITORING | Receive text and/or email alert notifications of signal operation and battery voltage levels.

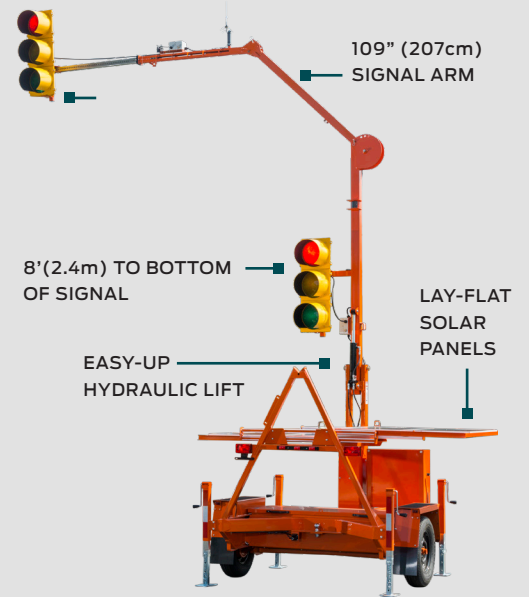
WIRELESS KNOCKDOWN | Allows signal to operate in conjunction with a standard street corner control cabinet.

PRE-EMPTION SYSTEM | Recognizes emergency vehicles and provides earliest safe green indications.

WAIT TIME & FAULT DISPLAY | Informs motorists of wait time before next green indication.

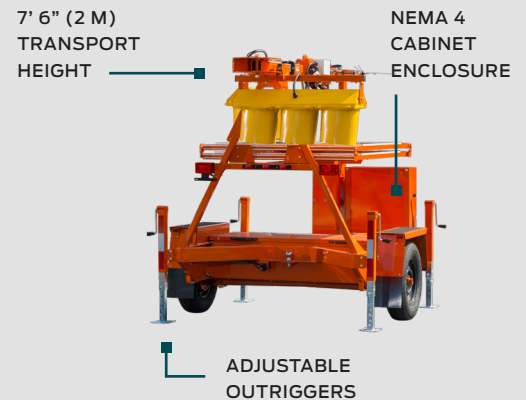
CLEARANCE TIME EXTENDER | Adds extra red time for slow-moving vehicles that need more time to clear the work area.

MESSAGE BOARD INTERFACE | Wireless connectivity with a portable VMS to display signal status messages in real-time.



EASY TO DEPLOY

The SQ3TS Portable Traffic Signal is equipped with a one-touch, easy-up hydraulic lifting system to make deployments simple.



DISTRIBUTED BY



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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

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 520 Watts
Lift Type	Hydraulic

AVAILABLE OPTIONS

- ADVANCED REMOTE MONITORING** | Recieve alert notifications of signal operation and battery voltage levels.
- WIRELESS KNOCKDOWN** | Allows signal to operate in conjunction with a standard street corner control cabinet.
- WAIT TIME & FAULT DISPLAY** | Informs motorists of wait time before next green indication.
- CLEARANCE TIME EXTENDER** | Extends red time for slow-moving vehicles needing more time to clear the work area.
- MESSAGE BOARD INTERFACE** | Wireless connection to a portable VMS displays signal status messages in real-time.
- PRE-EMPTION SYSTEM** | Recognizes emergency vehicles and provides earliest safe green indications.



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ADVANCING WORKZONE SAFETY



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	14	14	14
Maximum Number Of Phases Per Setup	14	14	14	14
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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