

ADDCO PTS-2000 PORTABLE TRAFFIC SIGNALS

GSA GS-07F-5791R

STEEL CONTROL CABINET

- » Lockable metal cabinet
- » Sealed Weatherstripping
- » Non-slip treads on top
- » Easy control access
- » Operator faces oncoming traffic and stays out of the active traffic lane at all times

BATTERY BOXES

- » Lockable metal boxes
- » Sealed weatherstripping
- » Non-slip treads on top

GALAXY CONTROLLER

- » Wireless programming and operation
- » Easy to set-up and operate
- » Standard traffic programs stored and ready to use
- » Operate remotely or from a central location
- » Control up to 16 phases
- » Dynamic clearing time function improves traffic flow and minimizes delays
- » Completely portable and weatherproof enclosure
- » Embedded conflict monitor

SIGNAL HEADS

- » 12" diameter, standard ITE approved
- » Rotate and lock in 10° increments
- » Two signal head assemblies
- » Inner signal head can be mounted over the roadway or at the lower position on mast
- » Arm extension allows signal to be centered on the roadway while trailer sits in the clear zone

BATTERIES

- » 16, 6v, 225 amp-hour deep cycle HD batteries standard, wired in a 12v DC configuration
- » Up to 30 days autonomous run time without solar or external recharging

MAST

- » Electro-hydraulic 12v DC, fully automatic
- » One switch to raise and lower the mast
- » One switch to extend and retract arm
- » Effortless and safe deployment



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National Strategy On Highway Safety
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WIRELESS OPERATION PROVEN PERFORMANCE

SOLAR ARRAY

- » Effortless and safe fully automatic deployment
- » Six, 85-90w solar panels standard
- » Solar Tilt And Rotate (STAR) design allows for flexible positioning to maximize solar collecting capabilities and minimize effects of snow and ice

TRAILER CONSTRUCTION & MATERIALS

- » Heavy-duty, ASTM A500B, structural steel tubing
- » Frame, steel tubing size: 4" x 2" x 3/16"
- » Fabricated and assembled entirely in the USA
- » Powder coat: UV resistant, highway orange
- » Zinc rich primer - superior corrosion resistance
- » Fenders: Heavy duty stand-on type with non-slip treads
- » 6,000 lb. drop axle
- » Electric brakes with break-away switch
- » Four 5,000 lb. heavy-duty pipe mount jacks 15" of travel

CERTIFICATIONS

- » 90 mph wind load certified
- » NATM certified
- » NEMA TS1 tested and certified
- » Meets the proposed NEMA TS5 standards

SPECIFICATIONS

PORTABLE TRAFFIC SIGNAL

STANDARD CONFIGURATION

OVERALL

Deployed Height: Pavement to bottom of upper signal head.....	17' 0"
Deployed Height: Pavement to bottom of lower signal head.....	9' 7"
Transport Height: Pavement to highest point on trailer.....	8' 5"
Width: At widest point.....	7' 0"
Length: With tongue extended.....	16' 6"
Length: With tongue stowed.....	12' 5"
Length: In tandem tow configuration.....	28' 8"
Distance: Lateral spacing between signal heads.....	10' 7"
Distance: Between edge of trailer and upper signal head.....	9' 7"
Distance: Between pavement and top of upper signal head.....	21' 4"
Gross Weight: Fully equipped.....	3,880 lbs.



Specifications describe standard products. Variations exist to meet particular project requirements.
 Specifications are subject to change without notice. Version 2.1 Revised 11/11/2015 kmn



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FEATURES

- » Retractable and lockable tongue **UPGRADED FEATURE 2016**
- » Manual pump for lowering arms without power
- » Lifting eye - for trailer placement **UPGRADED FEATURE 2016**
- » Narrow design - for limited footprint applications
- » Universal design - all trailers identical
- » Lower travel height- DOT legal transport on flatbed
- » No climbing required. All adjustments can be made from ground level
- » Bracket for shortening the chain to the perfect length
- » Lifetime, low power consumption, LEDs
- » Solar Tilt And Rotate (STAR)
- » Designed to tow in tandem or individually
- » Electric-hydraulic powered mast - one switch to raise/lower mast, one switch to extend/retract signal arm
- » Batteries provide 21 day run time without solar charging
- » Onboard auxiliary 110/120v ac charger
- » Self-contained, no external power source required

AVAILABLE OPTIONS

- » Microwave, doppler, video, audio & optical sensors
- » Back plates
- » Pilot car operation
- » 3rd signal head
- » Remote tracking/monitoring
- » Flagger/remote controller
- » Pre-emption (emergency vehicle)
- » Custom colors available
- » AGM, maintenance free batteries
- » 5-section head capable of turn indications
- » Custom hitch/coupler/pintle style and sizes available
- » External, high-illumination security light
- » Wireless Interface System
- » Direct wired to NEMA cabinet interface
- » Pedestrian Crossing Signal
- » Countdown timer
- » Pendant controller for raising/lowering mast
- » 8,000 lb. pipe mount drop leg jacks
- » JTI customizes to match any state specification including signal head visor/door color/material, trailer harness plugs, LED brand, and signal head configuration (turn arrows, etc.)

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