



Bid #: 16448-SJ-Revised **Date:** 1/26/06
Customer: Discount Rental & Sales, Inc. **Address:** 1014 S. Congress Ave.
City: West Palm Beach **State:** FL **Zip:** 33406
Contact: Richard Walker **Phone:** 561-964-4949 **Fax:** 561-432-3058
Email: richw@discount-equipment.com

GENERAL SPECIFICATIONS

Model and Size: New 8000 gallon, 4 compartment, MC-406 aluminum petroleum tanker (specs attached)
Piping and Emergency Valves: 4" line from each compartment to curbside
Valve Operator Location: Cable, manual system, installed curbside
Suction Lines: 4" lines reduced to 2" piped to pumps **Discharge Lines:** 1" lines from pump to hose reel
Pump to Tank Connection: 2"
Cabinet: Curbside (1) 110"Lx33"Hx95"W - See trailer specs
Walkway: Top between overturn rail – rear ladder
Venting: Auto vents for bottom load.

PUMPING SYSTEM

Pump (1) 2" Gorman Rupp
Pump Motor (1) Gorman Rupp GR8201 – L48EE-X Diesel per unit supplied for first trailer.
Line Strainer 2" aluminum with wire basket
Filters (2) Cimtek #5109 - 30 GPM Filter head with 30 Micron filter #70020 installed at each hose reel
Bottom Load Full bottom load – see trailer specs
Suction Connections (4) 4"x2" outlets with 2" Emco Wheaton dry break adapters.
(1) 2" suction hose with 2" Emco Wheaton dry break coupler.
Product Indicators (4) Adjustable product indicators mounted at each outlet.
Hose Trough At outlet for suction whip hoses.
Delivery Hose 1" x 50' Curbside and Streetside Diesel reels

Nozzle	Diesel = 1" OPW 7H Auto nozzle
Delivery Hose Swivel	1" for diesel nozzle
Hose Reels	(2) Hannay hose reels – 818-25-26B TR 1" inlet and outlet spring rewind. Max cap 1" 75'
Meters	(2) L.C. M7 100 GPM meters with ticket printer mounted streetside. Note: Mechanical meters for independent use.
Pressure Gauge	(1) Installed at each reel
Lettering	None



January 26, 2006

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2006 ALUMINUM, ELLIPTICAL, BAFFLED, D.O.T. 406 TRAILER
AEB6

BARREL DESCRIPTION

CODE	D.O.T. 406 aluminum
CAPACITY	8000 gallons (up to +3% tolerance 60 gallons minimum)
CONSTRUCTION	Aluminum elliptical, straight bottom, baffled, .204 bottom, .176 sides and top. POLISHED BARREL & HEADS WITH SECOND POLISH ON FRONT & REAR HEADS.
COMPARTMENTS	Four (4) compartments (3000-1000-1500-2500) ALL DOUBLE BULKHEADS.
BAFFLES AND HEADS	Dished and flanged, .250 and .190 before forming. Inserted, fillet welded into shell. Baffle drains at 3 and 9 o'clock.
OPERATING TEMPERATURE	125 degrees F. maximum
PRODUCTS	Petroleum
PRODUCT WEIGHT	7.2 #
OPERATING PRESSURE	3.3 PSI
FRAME	Extruded aluminum full frame. Aluminum outriggers and crossmembers at running gear, supports, and fifth wheel.
UPPER FIFTH WHEEL	5/16" Heavy duty upper fifth wheel plate adjustable in 2" increments with A.A.R. style double hubbed king pin.

FLASHING	Overturn Protection - full length structural aluminum extrusion each side on top, curbside rail doubles as vapor rail.
MANHOLE AND GASKET	KNAPPCO SSV101110 "Smart Vent" vapor recovery type 16" diameter zinc plated steel cover with 10" aluminum offset fill and Buna N gaskets. Cover assembly includes normal vent (6496ALB).
CAPACITY INDICATORS:	None.
STATIC CABLE	One per compartment, 1/8" stainless steel static cable.
DOCUMENT HOLDER	Betts PS-1 near landing gear frame, roadside.
CALIBRATION PAPER CHART	Paper theoretical, in 1/4" increments, based on innage
SUPPORTS FRAME	Welded aluminum construction
LANDING GEAR	Jost A400 2-speed, steel, sand shoes, 50,000 lb. lift capacity, roadside crank handle.
UNDERCARRIAGE SUSPENSION	TRANSPRO MODEL 88 3-POINT MOUNT, 3-LEAF SPRING SUSPENSION
SUBFRAME	EXTRUDED ALUMINUM subframe bolted to extruded aluminum upper frame.
AXLES	MERITOR MODEL TP, 5" round x 1/2" thick wall, 71-1/2" track. INNER AND OUTER BEARINGS THE SAME.
OIL SEALS	Stemco

BRAKES	MERITOR 4670Q series, S-cam, 16-1/2"x7".
Anti-lock	Meritor WABCO "Easy Stop" Model 4200 (4S/2M) anti-lock braking system
Brake Chambers	TSE 3030 with stroke alert
Brake Drums	WEBB 16-1/2"x 7 HD, CAST, outboard mount
Hubs	Ferrous hub, hub piloted with single flange nut mounting.
Brake Linings	Meritor MA-212
Slack Adjusters	MERITOR automatic
Valves	Sealco
Gladhands	Bendix
BUMPER	Heavy duty ALUMINUM tube welded enclosed to D.O.T. specifications WITH UNDERRIDE
AIR SYSTEM	To D.O.T. specifications. DUAL ALUMINUM tank system.
WHEELS AND TIRES	
WHEELS	22.5 x 8.25 STEEL DISC, 10-HOLE, HUB PILOTED, OUTSIDE RIMS POLISHED.
TIRES	11-22.5 Kumho 982 14 ply RADIALS
TIRE CARRIER	None
FENDERS	Front and rear - aluminum contour fenders with aluminum fender supports front and rear and stainless steel mounting hardware. ROADSIDE ONLY
MUDFLAPS	White plastic, anti-sail and anti-spray type, with "Polar" logo, front and rear
LIGHTS AND WIRING	
LIGHTS	12-volt, Truck Lite, L.E.D. Grommet mount D.O.T. lights and reflectors. Combination center marker/turn signals.
WIRING	Molded main lead, 7-way plug, mounted on lower roadside of front head
REAR LIGHTS	Enclosed in stainless steel light boxes
SPOT LIGHTS	ONE (1) BETTS 305 SERIES SWIVEL SPOT LIGHT MOUNTED AHEAD OF DISCHARGE. Non-skid paint between the overturn rails.

WALKWAY	Non-skid paint between the overturn rails
LADDER	Aluminum ladder located at rear with drain through rails. Two grabhandles at the top. Top step is 7" grip strut.
HOSE CARRIERS	ONE 4X22X FULL LENGTH ALUMINUM HOSE TROUGH MOUNTED CURBSIDE
DIP STICK TUBE	None
VAPOR RECOVERY	4" aluminum line thru barrel with shear section outboard of shell with one (1) vapor outlet ahead of tandem
VAPOR RECOVERY VENTS	Four (4) Civacon #1986 vapor recovery vents.
PRESSURE VENTS	One (1) Betts 3686 Aluminum vent in vapor system.
SPLASH DEFLECTORS	Aluminum splash deflector over each emergency valve.
OVERFILL PROTECTION	Civacon Rom II Overfill System with top optic sensors only. One (1) 4401, (1) 4100 and (1) 4600 receptacles located on outside wall of cabinet, with TIM module.
GROUNDING BOLT	One (1) Scully #08560 grounding bolt.
VALVING AND PIPING EMERGENCY VALVE	Emco Wheaton 7001-041 mechanical emergency valves with Viton seals and victaulic ends. Operators with fusible links located in EVO CLAM SHELL curbside, to rear of discharge with emergency closure at curbside front.
PIPING	4-1/2" O.D. aluminum lines with large radius formed elbows, terminating with flanges at center curbside. Aluminum locator brackets. (4) Aluminum fabricated "Y" laterals with non-openable API's on top and blind flange on bottom.
OUTLET VALVING	None

GRAVITY DROPS	None
BRAKE BAR INTERLOCK	None
BRAKE INTERLOCK VALVE	Civacon #100-0001 interlock valve at each outlet and rear vapor outlet
PLACARDS	One set of four (4) placard holders with aluminum brackets
CABINET	110" L x 33" H x 95" W aluminum cabinet with two doors each side hinged to front and rear. Mounted ahead of suspension and to rear of discharge.
CONSPICUITY TAPE	Discontinuous 3M Tape per N.H.T.S.A. requirements
PAINT	Acrylic enamel gray on all carbon steel parts.

TIRE BRAND IS SUBJECT TO CHANGE BECAUSE OF SUPPLY.