

The Jack Olsta Co.
810-IH45 North
Huntsville, Texas 77320



Pricing Administration Use Only				
NT-30053.01.02	04			
Quote Number	Quote Revision	Shop Order Number	Serial Number(s)	Date

Customer The Jack Olsta Co.

Base Model Part Number 36361.1

Specified Model Description ACX8 8400-1,249/219 BBL,275 HDS,25 PSI,210 F,42' 6"

A. Vessel

1) Design

: ACX8 8400-1 Aluminum, Double Conical, Exterior Ring, DOT 407 Trailer
 Code: DOT 407
 Capacity: 8400 gallons (+3%)
 Compartments: One
 Shape: 12" Drop, Double Conical
 Shell Material: Aluminum, .249" bottom and .219" sides/top. Two piece barrel with one circumferential weld
 Head Material: Aluminum .275"
 Operating Pressure: 25 PSI
 Design Temperature: 210 Degrees F.
 Overall Length: 41'
 Product: Crude Oil

B. Construction

1) Rings and Longerons

Rings: Aluminum channel
 Longerons: None.

2) Frame

: Aluminum

3) Dam

: Aluminum construction
 Dam Drains: 1-1/2" polyethylene hoses, each side
 Overturn Protection: 2 Aluminum box type at spill dam.

4) Cleanout overturns

: None

5) Manhole

: OEM 20" aluminum cover, six hold-down
 Gasket: Buna-N gasket in cover

6) Fill

: None
 Gasket: None

Approval Initials _____



7) Splash deflector

: None

8) Insulation

: None

9) Thermometer

: None

10) Capacity indicator

: None

11) Static cable

: 1/8" stainless steel ground wire from manhole to bottom of tank.

C. Other Barrel Information

1) Baffles

: 4 .249 aluminum full circle, flangeless

2) Weld finish

: W-0 inside

3) Material Finish

: Bright mill finish.

D. Venting and cleanouts

1) Venting

Pressure: None

Vacuum: 4" Girard threaded pressure/vacuum vent. #DOT4X407LTWV-SVL with provisions for pressure package.

Pressure package: 3/4" stainless steel blow down consisting of a pressure gauge, and spring return ball valve.

2) Cleanouts

: Aluminum flange. (6) with 4 1/2" opening. Four mounted on top of barrel, outboard of baffles. Sides at 3 and 9 o'clock.

Caps: 3" aluminum blind flanges. For cleanouts Quantity 6.

E. Vapor Recovery

1) Vent

: 3" Civacon T196SV-CV, sequential vent, air operated with weld flange.

2) Line

: 3" aluminum pipe down curbside, outlet to roadside and curbside behind ladder. Line extends to curbside rear and points rearward.

3) Adaptor

: 3 3" aluminum male adapter.

4) Cap

: 3 3" aluminum dust cap.

F. Valving and Piping

1) Seal provisions



2) Sump : None

3) Emergency Valve : 6" aluminum drain sump.

4) Emergency Valve Operator : Betts EV46469ALTS 6" x 4" 90 degree, aluminum internal mechanical, with Tefsil seats and flanged outlet, attached to sump.

EVO Lines: Betts mechanical operator with fusible link.
EVO Location: Cable enclosed in tubing. Emergency closure at front head, with fusible link.
mounted at roadside support frame.

5) Pipe : 4" stainless steel schedule 10 pipe forward, directed to curbside and roadside, 2 feet from rear of supports with flanged outlets, with 4" valves (per option below). Forward of cross with 4" valve (per option below), to pump inlet with 4" hose. Hose barb fittings at each end of hose. 4" stainless steel schedule 10 pipe attached to pump outlet, teed to curbside and roadside, ending in 4" valves (per option below 5 valves required). Mounted at support area.

6) Outlet valve : 5 OEM 4" aluminum butterfly valve with viton seals.

7) Adaptor : 4 4" aluminum flanged TTMA adaptor

8) Cap : 4 4" aluminum dust cap

G. Walkway and Ladder

1) Walkway

Top center: None

2) Ladder

: Aluminum tubular with grip steps and large dual platform steps, bolt on.
Ladder Location: Mounted roadside.

H. Cabinet

1) Cabinet

: Aluminum cabinet 24" high X 36" wide X 24" deep with 1 door with chains hinged at bottom.

2) Cabinet 2

: Aluminum cabinet 20" high X 20" wide X 10" deep with 1 door. Door to include Plexiglas to allow viewing of gauge.

I. Hose Carriers

1) Hose Carrier

: 2 Aluminum tube 8" diameter x 21' long
Hose Carrier Door: 2 8" aluminum door at front
Carrier Location: One mounted roadside and curbside.

J. Lights and Wiring



1) Lights

: 12-volt, Truck-Lite grommet mount LED lamp system complying to FMVSS.
Combination center marker / turn signals, one each side.

2) Wiring

: Plug-in style harness system.

3) Rear Lights

: Enclosed in stainless steel light boxes

4) Sequential Turn Lights

: Truck-Lite grommet mounted, sequential LED turn arrows mounted curbside and roadside. #60080Y

6) Spotlight

: Four LED spotlights. Two at rear facing rear, and two at rear of front fenders.
: Master switch to operate all work lights or spot lights.

7) Nose box

: Haldex, 7-way combination receptacle with 15 amp circuit breakers, also 2 pole horizontal receptacle #15-328. Includes gladhands.

8) Auxiliary Plug

: None.

K. Overfill system

1) Overfill system

: Titan probe with digital display. 190 barrel shut off, 195 barrel alarm, 200 barrel spill stop.

L. Interlock

1) Interlock bar

: No interlock bar installed.

2) Interlock valve

: No interlock valves installed.

M. Pump System

1) Hydraulic Lines

: Quantity of two 1" stainless steel lines from front to rear of supports with hoses
Control Valve: Combination speed and directional control valve.

2) Hydraulic Fittings

: Inlets and outlets capped

3) Pump

: Roper 4" 3548 MBHFRV, pump with relief valve, triple lip seal, and hydraulic motor

4) Pump Installation

: Pump installed

5) Platform

: Stainless steel, 1/4" channel mounted vertically between landing gear legs

6) Meter



: None

7) Meter Installation

: None

N. Chassis

1) Upper 5th Wheel

: 5/16" Heavy duty with A.A.R. style double hubbed kingpin.

Paint: Fifth wheel plate painted black.

2) Landing Gear

: SAF Holland Atlas 55, 2-speed, load bearing, sealed gear box, 55,000 lbs. rated lift capacity with 10"x10" swivel type sand shoes. Black Armour coating. No Lube, 5 year Warranty.

Frame: Aluminum construction.

Bracing: Stainless steel, with cross brace.

Crank location: Crank handle located on roadside

Tire carrier: None.

3) Suspension

: Hendrickson Intraax AAT25K, tandem axle with standard 49" axle spacing. 5 3/4" diameter Hendrickson integrated axles.

Hangers: Stainless Steel hangers with soft coat applied to axle and trailing arm. (Weld-on suspension only)

Dump valve: None

Subframe: 1/4" stainless steel, 44" wide with stainless steel fender supports, extended forward for cabinet.

Bumper: D.O.T. code, stainless steel, straight, weld-on.

Under-ride Protection: None (no under ride required, Wheels back exempt.)

4) Tow hooks

: (2) 1" round mild steel, welded at rear of sub frame.

5) Axles

Beam: Straight

Track: 77-1/2" track

Spindle: OEM Standard P spindles (parallel) same inner and outer bearing

Wheel seals: OEM, standard w/ Hendrickson HXL

Hub & drums: Ready to Roll, Ductile Iron Hub with Cast Drum.

Miscellaneous: None

6) Brakes

: OEM Standard

Anti-lock / Roll stability: Wabco 4S/2M. Standard roll stability system deleted, per customer request. Wired to auxiliary blue circuit.

Brake chambers: OEM Standard - Long stroke

Brake lining: OEM Standard Extended service, non-asbestos

Slack adjusters: OEM automatic slack adjuster.

Valves: OEM Standard



Gladhands: Gladhands included with nosebox.
 Air system: One aluminum tank system. 2800 cu. in. each meeting FMVSS 121 D.O.T. specifications.

7) Emission Compliance

: Not California GHG2 compliant. Decal stating "Not Labeled for OEM Sale in California"

8) Wheels

: Alcoa Ultra One with clean buff finish, 24.5 x 8.25 aluminum.

9) Tires

: * 11R-24.5 Marathon RSS radials.

10) Fenders

Front: Aluminum, single contour, ribbed, front fender, each side.

Rear: Aluminum, double contour, ribbed, rear fender, each side.

11) Mud flaps

: OEM Mudflaps

O. Miscellaneous

1) Decals

: Standard warning and safety package. Decals in English.

2) Conspicuity Tape

: Discontinuous tape

3) Customer Logo

: None

4) Document holder

: OEM Standard

5) Calibration

: Computer generated theoretical calibration chart, 1/4" increments. Based on innage.

6) Placards

: Four Aluminum mounting brackets only, one mounted each side of trailer.

7) Paint

: None. No paint or primer installed on trailer.

7) Paint

Lining: * LINING UNIT on barrel interior, Tank Armor 335. Themec Tank Armor 335 to be installed by outside source. 1 year limited warranty coverage is provided by outside source, not by Trailer Manufacturer as outlined in our terms of sale.

8) Fire Extinguisher

: None

9) Shovel Holder

: Aluminum shovel holder mounted on trailer. Specify location.

10) Warranty

: OEM Warranty



11) Tests

: Standard testing.

13) Hose Holder

: 30" aluminum bracket pivot at front of trailer to support hose.

: None.