CONTAINER TRAILER SPECIFICATION SHEET

CUSTOMER: Customer Name
SALESPERSON: Salesperson Name
MODEL: J&L 905 (Pull) Model Pneumatic - 1 Hopper California Doubles
PART NO./DRAWING: PM-905P

CUSTOMER FURNISHED TRACTOR DATA REQUIRED - WEIGHTS INCLUDE DRIVER AND FUEL
TRACTOR DATA: CUSTOM TRACTOR INFO. SHEET

A. VESSEL

1) Capacity: 905 Cu. Ft. Pneumatic - 1 Hopper

2) Tank Construction:
   Smooth exterior, internal rings.
   External top shell stiffeners
   Low Center of Gravity
   5454-H32 aluminum vessel.
   Hydro tested at 22.5 P.S.I.
   45 degree hopper slope with 37 degree weld on spun cones.

3) Baffles: None

4) End Frame: Huck riveted, 44in wide extruded aluminum front and rear frames with tubular aluminum struts.

5) Internal weld finish: W-1; Smoke and Discoloration Removed (Class I)

6) Shell finish: Polished aluminum exterior

7) Manholes:
   (1) 20" Heil heavy duty cast aluminum manholes, with aluminum cam handles and replaceable nylon wear plates under hold downs, two stainless steel cover retainers per manhole. White neoprene gaskets in manhole covers. Manholes hinge on streetside.
   Located over hopper to provide 27'-6" between manholes on semi and pull.

8) Documentation: Unit tested with water. Professional cleaning is recommended prior to initial loading to avoid possible contamination of cargo.
   Maximum commodity temperature 180 degrees F.

9) Product Information:
   Specify product/commodity and density to be hauled (mandatory).
B. TANK FITTINGS AND PIPING

1) Air Line Inlet
   3” hot air hose with coupler at front of drawbar connecting semi and pull units. One (1) Bayco check valve upstream of discharge outlet wye.

2) Inlet Filter/Silencer/Muffler
   None

3) Air Cooler
   None

4) Aeration
   (6) BTI SpinFlo™ aerators with hopper saver wear plates included. 3” Aluminum air manifold, 2” hoses supplying air to aeration system. Air manifold located on streetside of trailer extended to rear of hopper ending with aluminum threaded cap with white neoprene gasket.

5) Aeration Control Valve
   (2) 2” BTI MAXXLite™ aluminum body butterfly valve (ductile disc, black rubber seat), with powder coated steel handle. Located streetside to regulate airflow to air manifold line controlling (3) aerators each.

6) Proportioning/Pressure Control Valve
   3” BTI MAXXLite™ aluminum body butterfly valve (ductile disc, black rubber seat), with powder coated steel handle. Located streetside to regulate airflow to product discharge line.

7) Blow-Down Line
   2” Sch. 10 aluminum line with 2” BTI MAXXLite™ aluminum body butterfly valve (ductile disc, black rubber seat), with powder coated steel handle. Located streetside rear of tank. Includes cam-on style 15 PSI pressure relief valve, Heil factory tested and wire sealed.

8) Top Air Line
   None

9) Product Valve
   5” BTI MAXXLite™ aluminum body butterfly valve (ductile disc, black rubber seat), with powder coated steel handle.

10) Gravity Drop
    10” Heil Fig. 500 aluminum body butterfly valve (cast iron disc, black rubber seat), with casted iron handle. Sloped to the outlet. Handle extension operated curbside. Valve to operate with handle at 9 o’clock closed, 6 o’clock open.

11) Product Line
    See below

12) Rear Discharge Line
    Aluminum 5” Sch. 40 (straight pipe) outlet rotated 60 degrees to the rear (semi) or front (pull) with product valve. Ending with a 5” x 4” aluminum wye equipped with a threaded 4” aluminum coupler and cable tethered plug.
13) Gauges
Two (2) liquid filled, one tank pressure, one line pressure. Gauge pressure range 0-30 PSI. Gauges in cabinet conveniently located on streetside frame facing streetside.

14) Miscellaneous
All U-bolts on piping and hose tubes to be covered with black poly tubing.

C. ACCESSORIES

1) Ladder
Aluminum with serrated rungs mounted at center front. Grab handles at top of vessel.

2) Walkway
Non-skid tape on top of vessel between full-length top rails.

3) Hose Tubes
None

4) Tire Carrier
None

5) Cabinet
None

6) Hose Holder
None

7) Fenders
(2) Aluminum contoured single axle front fenders mounted on turntable. (2) Aluminum contoured single axle rear fenders.

8) Splash Guard
Anti-sail and anti-spray for front. Anti-sail and anti-spray for rear.

9) Bumper
Fabricated full width polished bumper.

10) Lights
12 Volt Truck Lite flange mount LED lamp system complying to FMVSS with conspicuity markings each side and rear.

(2) Combination mid-tank clearance and turn signals, one each side. (3) Super 44 rear lamps, 2-red stop-tail and 1-amber turn signal, in bolt-on aluminum box each side.

11) Wiring
12-volt system, 7-wire, molded harness throughout. "Plug-together" modular style harness. 7-way SAE J560 plug at front.

12) Document Holder
Truck-Lite document holder, mounted on streetside frame.

13) Miscellaneous
None

D. CHASSIS
1) Upper Fifth Wheel
N/A (Draw Bar: Premier hardware, 2.5" O.D. x .25" wall seamless tubing with aluminum diamond plate top). Light and air connections to lead semi. Safety cable. Step on roadside and curbside. (Turntable: Jost 26-M double race ball bearing, mounted on steel sub-frame. Roller ball circle).

2) Landing Gear
Draw bar and turn table frame painted DuPont Imron 5000 Gray.

3) Suspension
Hutch H-9700 with special long life tank package. Fabricated hangers with 2-leaf WIN-1 springs.
Suspension hangers and axles painted DuPont Imron 5000 Gray.

4) Brake System
WABCO 4S / 3M ABS (4 wheel sensors – 3 modulator valves). Constant power is standard on auxiliary (blue) center pin of SAE J560 7-way.
One (2) aluminum air tanks. System designed to meet FMVSS requirements.

5) Brake Chamber
Heil's Pre-Dressed value package includes OEM (long stroke) brake chambers

6) Brake Lining
Heil's Pre-Dressed value package includes 16.5" x 7" (quick change type) premium ABEX 30/30 197 5/8" thick extended service S-cam type brake shoes.

7) Slack Adjuster
Heil's Pre-Dressed value package includes OEM automatic slack adjusters with grease fittings.

8) Axles
(2) Heil's Pre-Dressed value package, straight 5" round, 77-1/2" track, parallel spindle.
Axles painted DuPont Imron 5000 Gray.

9) Oil Seals
Heil's Pre-Dressed value package includes preset bearing with premium OEM seals and "see-through" hubcaps.

10) Paint
DuPont Imron 5000 series gray paint on steel suspension parts only.

11) Miscellaneous
None

E. HUBS AND DRUMS

1) Hubs
(4) Heil's Pre-Dressed value package includes ConMet 10-stud, "Hub Pilot" (single nut mount) aluminum hubs for outboard drums, parallel spindle and dual aluminum wheel-compatible stud length. 33mm two-piece flanged wheel nuts. Includes 75W90 full synthetic hub lubrication.

2) Drums
(4) Heil's Pre-Dressed value package includes centrifuse - outboard
F. WHEELS

☐ 1) Wheels  
   (8) See options

G. TIRES

☐ 1) Tires  
   (8) See options

H. MISCELLANEOUS

☐ 1) Customer Supplied Parts  
   None

☐ 2) Warranty  
   Heil's Standard 4-Year warranty - One year bumper to bumper coverage with some areas (e.g., barrel and frame) extended on a pro-rated basis out as much as 4 years.

   Heil's value package includes DuPont prorated 3-year warranty on steel parts, prorated 4-year warranty on aluminum parts.

☐ 3) Other Notes  
   This Heil pneumatic tank trailer is designed and constructed for the highway transportation of dry granule and pulverized bulk commodities. It is not designed for hauling any type liquid or semi liquid (slurry) which may damage the unit and potentially cause personal injuries.

☐ 4) Miscellaneous  
   As permitted, stainless steel fasteners are used for bolt-on accessories and brackets.

   Operational manual and informational CD is included and shipped with each trailer.