



Specifications



V.I.P. TRAILER MOUNTED (TRI-AXLE) VACUUM SYSTEM 188 BBL

TRAILER SPECIFICATIONS:

DIMENSION:

- CAPACITY: 40 909 KG G.G.V.W.R. (45 TON FRAME RATED)
- O/A WIDTH: 8' 6"
- O/A LENGTH: 41'

MAINFRAME:

- FLANGES: 1/2" X 6" CHT 100 STEEL TOP AND BOTTOM
- WEBBING: 1/4 CHT 100 STEEL



FEATURES:

AIR RIDE:	HT300 – 17 TURNER HEAVY DUTIES WITH 60 IN. AXLE SPREAD AND REBOUND CHAINS
ABS:	2 - SIM
AXLES:	D22, 77" TRACK WIDTH, 10 STUD UNI-MOUNT HUBS, DRUMS, RIM 24.5 X 8.25 10 HOLE MACHINE ALUM UNI-MOUNT, KE RIMS
TIRES:	11.00 X 24.5 RADIAL TIRES
KING PIN:	SOLID: 2" REMOVABLE ON 28" AND 52" SETTINGS
COUPLER:	HEIGHT 50"

NO LIGHTING, FENDERS, OR HINGE SYSTEM ON REAR SCALE GAUGE AND DUMP VALVE
7 WIRE ELECTRICAL TO REAR WITH 7' EXTRA CABLE FOR TANK HOOK UP

TANK SPECIFICATIONS:

DESIGN:

DESIGN SHALL WITHSTAND 25 PSI INTERNAL PRESSURE AT FULL VACUUM; AND 15 PSIG EXTERNAL PRESSURE. MEETS SPECIFIC REQUIREMENTS OF SECTION VIII DIVISION I OF THE A.S.M.E. BOILER AND PRESSURE VESSEL CODE. TANK TO BE DESIGNED AND CONSTRUCTED IN FULL COMPLIANCE WITH TRANSPORT CANADA SPECIFICATION CSA B620-03 FOR THE FOLLOWING SPECIFICATIONS 407; 412.

HEAD MATERIAL:

0.3125 SA 516-70

SHELL MATERIAL:

0.250 SA-36



Specifications



TANK DIAMETER:

72" O.D. (36' LONG)

TANK REINFORCEMENT:

EIGHT MILD STEEL REINFORCING RINGS ROLLED AND WELDED TO TANK SHELL EXTERIOR FOR STRUCTURAL SUPPORT

PRIMARY SHUTOFF:

8" HEAVY DUTY INTERNAL SHUTOFF WITH 6" S.S. FLOAT BALL/ CAGE ASSEMBLY AND NEOPRENE RUBBER SEAT.

ANTI-SURGE BAFFLES:

3 – SELF-CLEANING ANTI-SURGE BAFFLES WITH "1" FORMED LIP TOP AND BOTTOM FOR STRENGTH. BAFFLES DESIGNED AND INSTALLED TO ALLOW MATERIAL TO FLOW OVER AND UNDER BOLTED IN PLACE, THUS REMOVABLE FOR TOTAL TANK CLEANING AND SERVICE ACCESS.

FLOAT LEVEL INDICATOR:

2– RECESSED LIQUID LEVEL INDICATOR WITH 6" STAINLESS STEEL FLOAT BALL, SHAFT, AND ACTIVATOR ARM. TEFLON PACKING AND GREASE FITTING

REAR DOOR:

HYDRAULIC POWERED FULLY OPENING REAR HEAD, HINGED AT THE TOP OF THE TANK AND IS SECURED WITH SIX PINWHEEL STYLE NUTS, AND NEOPRENE GASKET FOR POSITIVE LEAK-PROOF SEAL.

ROLLOVER PROTECTION:

4" PIPE CONSTRUCTION OVERTURNS WITH REPADS AND GASKETS. TOP FRONT, CENTER AND REAR OF TANK.

REAR BUMPER:

HEAVY DUTY DOT REAR STEP BUMPER

VALVE SPECIFICATIONS:

SUCTION VALVES:

TWO – 4" BETTS AIR OPEN/SPRING CLOSED VALVE, ALUMINUM CAMLOCK FITTINGS, WATER JACKETED FOR HEAT.

DISCHARGE VALVE:

ONE – 6" BETTS AIR OPEN/SPRING CLOSED VALVE, ALUMINUM CAMLOCK FITTINGS, WATER JACKETED FOR HEAT.



Specifications



ISOLATION VALVES:

SINGLE 6" PNEUMATICALLY ACTUATED BUTTERFLY VALVE.

HYDRAULIC SPECIFICATIONS:

SYSTEM TYPE:

LINDE CLOSED LOOP PISTON SYSTEM

HOIST:

HYDRAULIC HOIST SYSTEM WITH 40 TON, 320" STROKE, SINGLE ACTION HOIST CYLINDER

CONTROL VALVE:

SPOOL VALVE BODY FOR CONTROL OF: VACUUM PUMP, REAR DOOR, HOIST, VIBRATORS (2)

GAUGE:

GLYCERIN FILLED STAINLESS STEEL VACUUM PRESSURE GAUGE, HYDRAULIC PRESSURE GAUGE.

COOLER:

HYDRAULIC OIL COOLER.

PLUMBING:

AIR QUIP HOSE AND FITTING ARE STANDARD FOR QUALITY AND LOWER MAINTENANCE.

VACUUM PUMP:

PUMP TYPE:

HIBON VTB 820 (1400CFM)

SILENCER:

ONE 6" EXHAUST SILENCER, ONE 6" INTAKE SILENCER

BLOWER PIPING:

NO DISCONNECT 6" PIPING TO ALLOW TANK TO DUMP WITH VACUUM SYSTEM CONNECTED WITH VACUUM PUMP



Specifications



FINISHING DECKING:

LIGHTING:

LED LIGHTING WITH TRUCK LIGHT MAKE SEAL BEAM LIGHTS AT THE REAR, CLEARANCE LAMPS, REFLECTORS, CLEARANCE MARKERS, JUNCTION BOX, TWO REAR SPOT LIGHTS, ALL WIRING IN PLASTIC TUBING CHROME WORK LIGHTS, 2 FRONT AND 2 REAR.

CYCLONE:

HIGH CAPACITY CYCLONE MOISTURE TRAP ASSEMBLY WITH 12" FULL OPENING HATCH AND 2" QUICK ACTING BRASS DRAIN VALVE, DRIVERS, SIDE DECK

BUMPER:

DOT BUMPER FOR PROTECTION OF EXTERNAL VALVES EXPANDED METAL PLATFORM/STEP ASSEMBLY AND REAR DIRT SHIELD.

DECKING:

REAR ALUM FENDERS C/W ALUM HOSE TRAYS 1/8 CHECKER STEEL-DECKING FRONT OF TRAILER

PAINT:

COMPLETE UNIT SANDBLASTED, PRIMED AND PAINTED WITH 2 COATS OF ENDURA PAINT.

SAFETY:

- APPROPRIATE GRAB HANDLES, SAFETY POST FOR HOIST AND REAR
- DOOR, 30LB FIRE EXTINGUISHER

MUD FLAPS:

FRONT AND REAR OF BACK AXLES, EXTRA FLAPS AS REQUIRED

PLACARD:

QUANTITY OF 4 PER UNIT

TOOLBOX:

SIZE AND LOCATION AS PER CUSTOMER, REQUEST.

CONSOLE:

ALUMINUM CONSOLE INCLUDES: ALL WIRING FOR HOUR METER, ALL LIGHT SWITCHES, PTO SWITCH, AIR VALVE CONTROL, HOIST CONTROL, PUMP SWITCH, ALL BREAKERS, RELAYS AND ACCESS PANEL. MOUNTED ON FLOOR BETWEEN DRIVER AND PASSENGER SEATS.



Specifications



EQUIPMENT WILL BE SUPPLIED AND INSTALLED ON CUSTOMER SUPPLIED ROAD WORTHY CHASSIS OR CAMEX SUPPLIED CHASSIS

OPTIONS AVAILABLE (EXTRA):

- INTERIOR SPRAY IN LINING
- EXTRA CABINETS

CONTACT CAMEX FOR PRODUCT AVAILABILITY AND PRICING

PHONE: 780.955.2770

or email: info@camex.ca