



Specifications



V.I.P. TRAILER MOUNTED (TRI-AXLE PUP) VACUUM SYSTEM 98 BBL

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

(CURRENT INDUSTRY STANDARD)

SHELL MATERIAL:

0.3125 SA-36

TANK CAPACITY:

98BBL, 3,430 IMPERIAL GALLONS,

15.5 CUBIC METERS



OPERATING TEMPERATURE:

-20 DEGREES FARENHEIT TO 200 DEGREES FARENHEIT

HYDROSTATIC TEST PRESSURE:

45.0 PSI

PRIMARY SHUT-OFF:

8" HEAVY DUTY INTERNAL SHUT-OFF WITH 6" S.S FLOAT BALL/CAGE ASSEMBLY AND NEOPRENE RUBBER SEAT TOP FRONT OF TANK.

ISOLATION VALVES:

SINGLE 6" PNEUMATICALLY ACTUATED BUTTERFLY VALVE

BAFFLE:

ANTI-SURGE MOUNTED ON REINFORCING PAD

RINGS:

CIRCUMFERENTIAL RING STIFFENERS CONSTRUCTED WITH FLAT BAR



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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.

LIQUID LEVEL INDICATOR:

ROTARY FLOAT GAUGE WITH 6" S.S FLOAT BALL, TEFLON U-CAP PACKING, GREASE FITTING AND SIGHT CAGE ASSEMBLY LOCATED IN RECESS ON D/S OF TANK AT FRONT WITH GRAB STYLE INDICATOR.

REAR DOOR:

HYDRAULIC FULL OPENING REAR DOOR ASSEMBLY WITH 6 HEAVY-DUTY WING CLAMPS, NEOPRENE RUBBER REAR DOOR GASKET, DOUBLE ACTING HYDRAULIC CYLINDER.

ROLLOVER PROTECTION:

FRONT, CENTER & REAR, 4" PIPE WITH REPADS AND GUSSETS

PRESSURE RELIEF:

ONE – 4" S.S GIRARD DOT 407/412-PRESSURE VENT 25 PSIG SETTING

BLOWER PIPING:

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

HYDRAULIC DUMP SYSTEM:

FULL-LENGTH HYDRAULIC DUMP SUB-FRAME WITH 35 TON, 170" 6.54 3 STAGE SINGLE ACTING CYLINDER, REAR DUMP PIVOT ASSEMBLY, SUB-FRAME SLIDE STOP, MOUNTED PADS AND SAFETY BRACE.

CONTROL VALVE:

SPOOL VALVE BODY CONTROL OF; VACUUM PUMP, REAR DOOR, HOIST, & VIBRATOR.

GAUGES:

GLYCERIN FILLED S.S VACUUM/ PRESSURE GAUGE, HYDRAULIC PRESSURE GAUGE.

VIBRATOR:

HYDRAULIC VIBRATOR ASSEMBLY BOTTOM OF TANK

SIDE DECK:

FULL-LENGTH 1/8 STEEL CHECKER PLATE ASSEMBLY FENDER ASSEMBLY WITH HEAVY-DUTY OUTRIGGERS WITH REINFORCEMENTS. 1 ¼ TUBULAR HANDRAILS WITH SLANTED UPRIGHTS FOR EXTRA STRENGTH.



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LIGHTING:

LED LIGHTING REAR CLEARANCE LAMP, REFLECTORS, CLEARANCE MARKERS, JUNCTION BOX, TWO REAR TWO FRONT LARGE SQUARE WORK LIGHTS, ALL WIRING IN PLASTIC TUBING. TOP LIGHT BAR FOR SIGNAL & CLEARANCE.

CYCLONE:

HIGH CAPACITY CYCLONE MOISTURE TRAP ASSEMBLY WITH 12" FULL OPENING LID, WITH 2" QUICK ACTING BRASS DRAIN VALVE, MOUNTED ON FRONT HEAD, HEATED VALVE.

BUMPER:

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

PAINT:

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

CABINET:

ONE LEFT HAND SIDE, HORIZONTAL 48" TOOL BOX WITH CHROMED CHECKER PLATE DOUBLE DOORS.

MUD FLAPS:

ANTI SAIL, HEAVY GAUGE, LOCATED FRONT AND REAR OF BACK AXLES

PLACARD:

QUANTITY OF 4 PER UNIT

SAFETY:

SAFETY SUPPORT POLE FOR HOIST AND REAR DOOR.

CHASSIS:

TRI-AXLE, VAC PUP CHASSIS. AIR-RIDE SUSPENSION, 8.5' WIDE X 31.5' LONG, POLISHED ALUMINUM WHEELS, LED LIGHTING, SCALE GAUGE, CRANK DOWN DOLLY LEGS, 11R24.5 RADIAL TIRES, ABS BRAKES, 10 STUD UNIMOUNT CAST HUBS, CAST IRON BRAKES DRUMS, RUBBER BUSHED PINTAL DRAW BAR.

CONTACT CAMEX FOR PRODUCT AVAILABILITY AND PRICING

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