



Specifications



V.I.P. TRUCK MOUNTED COMBINATION WASH/VACUUM SYSTEM 82 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

SHELL MATERIAL:

0.3125 SA-36

TANK DIAMETER:

72" O.D. X 180" S – S LENGTH

OPERATING TEMPERATURE:

-20 DEG. F TO 200 DEG. F

HYDROSTATIC TEST PRESSURE:

45.0 PSIG

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" AIR ACTUATED BUTTERFLY VALVE

BAFFLE:

ANTI-SURGE MOUNTED ON REINFORCING PAD





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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:

STAINLESS STEEL CONSTRUCTION ROTARY FLOAT GAUGE WITH 6" S.S. FLOAT BALL, TEFLON U-CUP 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 RE-PADS AND GUSSETS.

PRESSURE RELIEF:

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

VACUUM PUMP:

HIBON VTB820 (1400 CFM)

SILENCERS:

6" EXHAUST AND 6" INTAKE

BLOWER PIPING:

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



Specifications



HYDRAULIC SYSTEM:

LINDE PISTON (CLOSED LOOP)

HYDRAULIC DUMP SYSTEM:

FULL LENGTH HYDRAULIC DUMP SUB-FRAME WITH 20 TON, 140" STROKE, 3 STAGE SINGLE ACTING CYLINDER, REAR DUMP PIVOT ASSEMBLY, SUB-FRAME SLIDE STOP, MOUNTED PADS AND SAFETY BRACE.

COOLER:

HYDRAULIC COOLER

HYDRAULIC RESERVOIR:

85-GALLON RESERVOIR C/W INTAKE FILTER, FILL BREATHER CAP, TEMPERATURE PROBE AND SIGHT GLASS

CONTROL VALVE:

SPOOL VALVE BODY OF CONTROL OF; VACUUM PUMP, REAR DOOR, HOIST, VIBRATOR
SEPARATE CONTROLS FOR WASH PUMP (INSIDE WASH CABINET)

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. 1-1/4 TUBULAR HANDRAILS WITH SLANTED UPRIGHTS FOR EXTRA STRENGTH

TRIM:

FOUR NUMBERED PLACARDS, 50' STATIC GROUND CABLE TOOLBOX COMPLETE WITH RAIN LIP, ALL WEATHER SEAL, SITE TO BE DETERMINED ON SPACE AND CUSTOMER REQUEST.



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LIGHTING:

LED LIGHTING WITH TRUCK LIGHT MAKE SEAL BEAM LIGHTS AT THE REAR CLEARANCE LAMP, REFLECTORS, CLEARANCE MARKERS, JUNCTION BOX, TWO REAR SPOT LIGHTS, ALL WIRING IN PLASTIC TUBING

CYCLONE:

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

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.

MUD FLAPS:

FRONT AND REAR OF BACK AXLES

SAFETY:

SAFETY POST, HOIST, REAR DOOR, 20 LB FIRE EXTINGUISHER

WATER TANK:

FRONT 48" OF TANK COMPLETE WITH 20" MANWAY, 2" FILL VALVE, 2" PUMP SUPPLY LINE, 2" DRAIN VALVE, LADDER ASSEMBLY D/S OF TANK. ALL VALVES HEATED

WASH SYSTEM:

HAWK HC400 (5.9 G.P.M. – 2500 PSI)
BAIRD PRESSURE RELIEF/UNLOADED VALVE
HANNAY HOSE REEL (12V PRESSURE) C/W 100' X 3/8" HIGH PRESSURE HOSE
2" Y STRAINER TRIGGER GUN, WAND AND NOZZLE
STEAM REEL, HOSE, STEAM WAND & NOZZLE

HEATER:

400,000 BTU DIESEL FIRED WATER HEATER



Specifications



CABINETS:

- ONE – ENCLOSED FOR HEATER C/W ALUMINUM CHECKER DOORS
- ONE – FOR WASH PUMP & REEL (HEATED)
- ONE – HEATED VERTICAL DRIVER'S SIDE CABINET

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

OPTIONS: (INCLUDED)

- CHAIN HOLDERS
- DIESEL FLUSH TANK
- GLYCOL TANK C/W NECESSARY FITTINGS
- SPEED CONTROL FOR VACUUM PUMP

EQUIPMENT WILL BE SUPPLIED AND INSTALLED ON A CUSTOMER SUPPLIED ROADWORTHY CHASSIS OR CAMEX SUPPLIED CHASSIS.

CONTACT CAMEX FOR PRODUCT AVAILABILITY AND PRICING

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