



Specifications



V.I.P. TRUCK MOUNTED COMBINATION HYDRO VACUUM SYSTEM 92 BBL - 822

TANK CAPACITY:

3220 I.G. TWO COMPARTMENT 1015 IG WATER AND 2205+ 3% DEBRIS

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 17' 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 8" AIR ACTUATED BUTTERFLY VALVE C/W SWITCH LOCATED ON DECK.

CYCLONE:

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



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BAFFLE:

ONE ANTI-SURGE MOUNTED ON REINFORCING PAD

RINGS:

CIRCUMFERENTIAL RING STIFFENERS CONSTRUCTED WITH FLAT BAR

SUCTION VALVE:

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 CONSTRUCTION OVERTURN WITH REINFORCEMENT PADS AND GUSSETS.

PRESSURE RELIEF:

ONE – 4" S.S. GIRARD DOT 407/412 PRESSURE VENT 25 PSIG SETTING MOUNTED TOP OF TANK

VACUUM PUMP:

HIBON SIAV 822 (2650 CFM) 27" HG MAXIMUM VACUUM

SILENCERS:

ONE – 8" EXHAUST AND ONE 8" INTAKE

BLOWER PIPING:

NO DISCONNECT, 8" PIPING TO ALLOW TANK TO DUMP WITH VACUUM SYSTEM CONNECTED

HYDRAULIC SYSTEM:

LINDE PISTON (CLOSED LOOP)



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HYDRAULIC DUMP SYSTEM:

FULL LENGTH HYDRAULIC DUP 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, WITH SUCTION STRAINER, DIFFUSER, FILL BREATHER CAP, HYDRAULIC OIL FILTER AND SIGHT GLASS

CONTROL VALVE BANK:

SPOOL VALVE BODY CONTROL OF: REAR DOOR, HOIST, & VIBRATOR. SEPARATE CONTROLS FOR WASH PUMP (INSIDE 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 ¼ 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.

LIGHTING:

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

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.



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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 COMPARTMENT:

21" MANWAY C/W LADDER INSIDE TANK, LADDER RUNGS OUTSIDE TANK. FLOAT LEVEL (RECESSED) INDICATOR, 2" SUCTION/DISCHARGE VALVE D/S & P/S, 2" DRAIN VALVE, INTERNAL EPOXY LINED.

BOOM NOZZLE:

12" BOOM NOZZLE FLANGE MOUNTED ON TOP OF REAR TANK FOR FUTURE HYDRO-VAC BOOM INSTALLATION

8" HYDRAULIC TELESCOPIC BOOM

BOOM (TOP MOUNT):

SUCTION BOOM ASSEMBLY WITH 4" EXTENSION, HYDRAULICALLY POWERED FUNCTIONS AND EXTENSIONS, RETRACTION, RAISE, LOWER, ROTATE RIGHT AND LEFT. SHUT OFF SYSTEM WITH VALVE. ELECTRONIC/HYDRAULIC PENDANT CONTROLS WITH 25FT OF CABLE. BOOM FULLY EXTENDS TO 16', 12" DEZURIK AIR/OPEN SPRING CLOSE KNIFE VALVE FOR BOOM NOZZEL TO MEET TC407 REQUIRMENTS.

WASH SYSTEM:

PRATISSOLI HP18A

19.44 GPM @ 4000 PSI REQUIRES 53 BRAKE HORSEPOWER INPUT AT 1000 RPM MAXIMUM SPEED
STAINLESS STEEL MANIFOLD
1" NPT INPUT PORT, 1/2" OUTLET PORT

ALTERNATIVE PERFORMANCE

19.44 GPM @ 3000 PSI REQUIRES 40 BRAKE HORSEPOWER INPUT AT 1000 RPM MAXIMUM SPEED

HANNAY HOSE REEL (TWO)

E1514-17-18 HOSE REEL
5000 PSI RATED SWIVEL
12 VOLT MOTOR



Specifications



PRESSURE HOSE (TWO)

80' OF ½" WB PRESSURE HOSE C/W CRIMPED ENDS AND HAWK QUICK COUPLER SWIVEL

WB 9460 HEATER

980,000 BTU PER HOUR, 12" ID VENT REQUIRED, DIAGNOSTIC PANEL, 12/3000 INVERTER

CABINETS:

- ONE – ENCLOSED FOR HEATER C/W ALUMINUM CHECKER DOORS
- ONE – FOR WASH PUMP & REEL (HEATED)
- ONE - TOOL BOX DECK MOUNT
- TWO – REAR FITTING BOXES MOUNTED ON BUMPER & REAR SKIRT

OPTIONS: (INCLUDED)

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

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

OPTIONS AVAILABLE (AT EXTRA COST)

- WIRELESS REMOTE FOR BOOM CONTROLS

CONTACT CAMEX FOR PRODUCT AVAILABILITY AND PRICING

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