

STANDARD OPTIONS

Debris Compartment: 11 Cube

- TC-407/412 tank specifications
- 78" dia x 16' long x 5/16"
- 78" dia x 5/16" front head
- 78" dia x 5/16" rear head
- 78" dia x 5/16" divider head
- Formed tank pedestals
- Three (3) 4" roll bars
- Four (4) external stiffening rings
- Recessed liquid level indicator
- 6" Self-closing emergency discharge valve
- 6" Self-closing emergency dewatering valve at 4'
- 2" top crossover valve, air actuated (to vacuum up water compartment)
- Full opening top hinged rear door with 6 capped wingbolts

Water Compartment: 5 Cube

- 20" Manway
- Heated 2" valving for breather, fill and suction lines
- Non disconnect heated suction line with loop hose
- Liquid Level indicator

Blower System:

- Transway TSI 500 (396cfm) blow down pump with separate piping
- Separate 3" plumbing with loop hose for Transway (Pump & plmg option \$8500)
- Hibon SIAV 8902 blower
- Positive displacement lobe type blower
- Intake air cooling system
- 6600 CFM @ free air
- Back flow check valve
- Maximum vacuum 28 ½ Hg. @ sea level
- Recommended speed 2000RPM
- 267 Maximum HP
- 10" Port size
- Intake and discharge silencers with allied plumbing

Blower Plumbing:

- Dual 8" plumbing from tank to blower with turbo boot system
- 2 x cyclones with drop box cleanout and 2" drain valve (chrome lid)
- 2 x 8" primary shut-offs
- Fast Wash stainless mesh type cartridge filter assembly

Blower Drive System:

- Namco air shift transfer case
- Driveline modifications are required

Hydraulic System: Closed Loop

- 8 Bolt air shift PTO
- Load sense, pressure compensated piston hydraulic pump
- Direct mount hydraulic motor for wash pump
- 60 Gallon hyd tank with vent, site glass, return filters and inspection hatch
- Hydraulic oil cooler
- Spook type hydraulic control valve for pump and allied functions
- Global hydraulic vibrator
- Hydraulic hose and fittings, as required
- Three stage hoist

Pressure Wash System:

- CAT 3560 Triplex plunger pump rated at 20gpm @ 4000psi
- Two x 100' x 3/8" hose c/w swivel fittings
- Two hyd hose reels
- Steam and wash wands c/w Whip check cables
- Dump valve installed in pressure line
- Plumbing, as required c/w pressure gauge
- 980,000 BTU Hotsy diesel fired burner with 3000 Watt inverter and steam kit
- ALL allied wash equipment installed in foam insulated crossover cabinet

Hose Boom

- 8 in. 270 deg. Hydraulic operated top mounted hose boom
- Boom hose c/w Whip check cable
- Radio controls with manual backup

Decking and Allied Equipment:

- Full length sub-frame with checker plate storage tray, fenders, and mudflaps
- Full width rear bumper
- Full length square tube handrail
- 60 in. deck tool box
- All stainless clad doors
- Rear skirt fittings boxes
- Squeegee and shovel rack
- Cone holder
- Double sliding chain carrier
- Backup alarm
- Ladder and top landing
- Wash wand and dig tube holders (wands and tubes extra)
- Hot water jackets on all valves
- Ladder rungs on side of tank
- Hobbs hour meter installed on PTO
- 50' Retractable ground cable
- 30# Fire extinguisher c/w mounting bracket and cover

Electrical:

- DOT approved LED tail and marker lights
- Boom work lights plus four working lights
- Smart box electrical system with all weather seal

Paint:

- Sandblasted and painted with Endura paint in two colors
- Devoe 233 internal coating in water compartment

CUSTOMVAC 16 Cube Hydrovac System

CHASSIS

- 2014 Western Star 4900 Tri-Drive Day Cab Chassis

