



Fliteway Technologies, Inc.

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Q12845 Rev 1

Coranco Great Plains, Inc.

- **SVE System rated for 160 SCFM at 75" WC at 1,500 foot elevation.**

Fliteway FV7.582X3-4L with the following standard equipment

- **7.5 HP Explosion Proof 230/460 3 Phase** 1740 RPM motor
- **Gardner Denver Sutorbilt model 4L** positive displacement rotary lobe vacuum pump with Blower manufacturers **18 month uncontested warranty**
- **Fliteway "Cyclonic Action" 82 Gallon Vertical** knockout tank, carbon steel with site gauge, 6" cleanout, and bottom drain.
- **3" inlet**, liquid filled vacuum gauge, and sample port.
- Premium 10 micron inline filter between tank and vacuum pump.
- Mini Magnahelic to monitor differential pressure across filter element
- Premium chamber/absorption carbon steel discharge silencer.
- Vacuum relief valve on inlet side of pump, field adjustable
- Belt Guard
- Dilution valve with filter / silencer
- Two (2) 3" Rotron Direct Read Flow Meter FM3C250Q (50-250 SCFM)
- Explosion Proof HHL Switch
- Low Vacuum Switch

- Explosion Proof Automatic Drain System
 - 1/2 HP Explosion Proof Stainless Steel Centrifugal Pump
 - Two (2) Pump Control Switches
 - Discharge check valve and Two (2) pressure gauges
 - Cartridge Filter

- One (1) Tetrasolve Liquid Phase Carbon Vessel

- 3" Inlet Header with Four (4) 2" Ports (on passenger side)
 - Four (4) 2" Gate Valves
 - Four (4) Sample Ports
 - Four (4) Vacuum Gauges
 - Four (4) 2" Rotron Direct Flow Meters FM20C065Q (13-65 SCFM)
 - Four (4) Air Injection Assemblies

- **Air Sparging System rated for 40 SCFM at 8 PSIG at 1,500 foot elevation**

Fliteway Model FS7.5X3-3H

Fliteway is the Rightway!

- 7.5HP EXP 208- 230/460 VAC 1750 RPM motor.
- Gardner Denver Sutorbilt 3H positive displacement rotary lobe blower with Blower Manufacturers 18 month uncontested warranty.
- 10 micron filter stubbed through trailer wall with rain cap
- Mini Magnahelic to monitor differential pressure across filter element
- Discharge Silencer
- Bleed Valve with Filter/Silencer
- **Weighted Pressure relief valve** on discharge side of pump.
- Two (2) pressure gauges
- All iron pipe and fittings.
- High Discharge Temperature Switch / gauge

- Passive finned heat exchanger (mounted to trailer bottom)

- 2" Steel Discharge Manifold with Seven (7) 1" Ports (on passenger side)
 - Seven (7) 1" Ball Valves
 - Seven (7) Pressure Gauges
 - Seven (7) Dwyer VFC Flow Meters

- **NEMA 4 Control Panel (115/230 VAC Three Phase)**

- NEMA 4 Box with inner panel
- Fused Disconnect
- Circuit breakers for branch circuit protection
 - Trailer Heater
 - Trailer Vent Fan
- Starters and overload protection for:
 - 7.5 HP SVE
 - ½ HP Transfer Pump
 - 7.5 HP Air Sparge Motor
- Three (3) HOA switches
 - SVE
 - SVE Transfer Pump
 - Air Sparge
- Two (2) Amp meter
- Two (2) Hour meters
 - SVE
 - Air Sparge
- Program Timer for SVE
- Program Timer for Air Sparge
- Run lights
- Five (5) Alarm Lights
 - SVE HHL
 - SVE Motor Fault
 - SVE Low Flow
 - Air Sparge Motor Fault
 - Air Sparge High Discharge Temperature
- One (1) Intrinsically Safe Pump Controller
- Two (2) Intrinsically Safe Switch Repeater
- **Sensaphone 2000** auto dialer with battery backup

- Surge Protection
- Lightning Protection
- Control Box heater with thermostat

- **Enclosed Trailer:**

**Pace American Model CS812TA2 Interior Dimensions: 8' wide by 12.5' Long by 6'5" Tall
Dual Axle 7,000 pound GVWR with 4,500 pound payload capacity**

- All Wheel Electric Brakes with 12 VDC Breakaway switch
- Independent torsion suspension
- Double Swing Rear Doors with Semi-Style Camlocks
- Clearance Lights
- Double Layer $\frac{3}{4}$ " Plywood Floor
- $\frac{3}{8}$ " interior Plywood Walls
- Three (3) Year Trailer Warranty
- Two Floor Vents
- Front and Rear Stabilizer Jacks
- Spare Tire
- **1" Thermal Insulation inside interior walls**
- **1,800 Watt Explosion Proof Heater and Thermostat**
- **Hazardous Location Vent fan**
- **Gas Tight Light**
- Installation of all Equipment and manifolds per **Class 1 Div 2 Hazardous Location**

- **One (1) Layer of 2" Convuluted Polyester Noise Absorption Foam panels on interior walls and ceiling
(Reduces exterior sound levels by about 10-12 dba.)**

- **UL Inspection and Classification of Trailer and Systems for Class 1 Div 2, Hazardous Location before Shipment to NE.**

