



AIRBLAST

P.F.P. Application System



Features & Benefits

- Skid mounted with lifting frame and lift test certificate.
- High production rates.
- Remote mixing manifold with up 60 metre hose bundle from the main system.
- Pneumatic ram mounted feed pumps for easy filling of the holding tanks.
- Automatic material holding tank level monitoring system.
- Electronic overpressure safety shutdown system.
- Emergency shutdown system.
- Fully adjustable thermostatically controlled material heating system, with multiple temperature readouts.
- Various mixing ratios available to suit a wide range of coatings.
- Ratio assurance system with auto shut-down feature.

Key Applications

- Structural steel protection.
- Oil and gas industry.
- Tank and vessel protection.
- Petrochemical industry.

The system will consist of the following items:

QTY DESCRIPTION

- 1 Graco Variable ratio main metering pump with adjustable ratio's from 1.5:1 to 4.5:1 by volume in the standard configuration, other ratio's available upon request, with solenoid operated air regulator/lubricator distribution manifold.
- 2 Graco Merkur Checkmate feeder pumps, dual action ram mounted c/w follower plate assemblies, air bleed valve, bucket blow off valve, pump air regulator and air shutoff valve.
- 1 Graco Merkur 30:1 ratio hot water/solvent flushing pump c/w air regulator, pressure gauge air shutoff valve, suction hose and High-pressure outlet shutoff valve.
- 1 Graco Husky Hot water recirculation pump c/w air regulator, pressure gauge air shutoff valve and water shutoff valve.
- 2 Graco 15 Gallon stainless steel material holding tanks c/w heavy-duty lid mounted agitator, electrical heating blankets, insulation and protective covers with digital temperature control thermostats, high/low level auto feed and shut off material sensor, air regulator, pressure gauge, outlet material thermometer, and material shutoff valve.
- 3 Graco Viscon 2 High-pressure inline material heaters 4KW each, (2 Base/1 Activator) thermostatically controlled, c/w high-pressure outlet thermometers.
- 1 Graco Viscon 2 high-pressure inline water heater, thermostatically controlled, c/w high-pressure outlet thermometer.
- 1 Graco ratio assurance system
- 1 Stainless steel water recirculation/flush tank with thermostatically controlled heating, insulation, protective cover and ballcock with supply water hose connection.
- 1 High pressure electrically operated overpressure shut down system, one on the base side and one on the activator side, with emergency stop button.
- 1 High pressure outlet manifold assembly with base and activator feed and return valves, material isolation valves, high pressure 0-6000 P.S.I. Glycerine filled pressure gauges, hot water recirculation valves, and hot water/solvent flushing valve.
- 1 15 mtr insulated hose bundle with remote mixer block assembly, with material on/off valves, flush valves, ratio sampling valves and material check valves and stainless steel mixer tube. (Extra hose bundle assemblies available at extra cost).
- 1 Central electrical control panel to control all of the electrical equipment from one main panel, with circuit breakers for each separate electrical component on the unit.
- 2 Manual pre-set mechanical overpressure safety relief fluid valves (activator and base).
- 1 15 ft long 1/2" BSP high-pressure paint line.
- 1 Graco XTR Insulated handle airless spray gun c/w inline swivel, reversible spray tip and holder.
- 1 Standard spares package.
- 1 Full set of breakdown and service manuals.
- 1 Daily maintenance checks manuals.
- 1 Maintenance tool kit.

Fluid output delivery rates and pressures:

Ratio		At minimum ratio settings				At maximum ratio settings			
Min	Max	Stall PSI	Stall bar	Output GPM	Output LPM	Stall PSI	Stall bar	Output GPM	Output LPM
1.50	4.50	5333	368	3.8	14.4	7273	502	2.8	10.6

System Dimensions: Height : 1.9 mtr
 Width : 1.22 mtr
 Length : 2.3 mtr

System weight: 1750 kgs

Electrical requirements: 400/415 volt, Neutral + Earth, 5 pin 63Amp 40 KW supply.

Air Supply: 300 CFM @ 110 Psi

Clean fresh water supply.