

INJECTION PUMP/VESSEL COMBO

UNIT: PUM014

PERFORMANCE

Maximum Operating Pressure	3,570 psi (24.6 MPa)
Maximum Flow Rate	280 m ³ /day

INJECTION DRIVE

Model	Teco HE Plus Premium
Horse Power	125 HP
Maximum RPM	1800 RPM
Phase	3
Volts	460 V
Hertz	60 Hz
VFD	YES



PUMP

Make	Triplex
Model	W130T-H
Plungers	3
Installed Plunger Diameter	1.75" (44.5 mm)
Maximum Input	130 HP (97 kW)
Maximum RPM	450 RPM
Stroke Length	4" (101.6 mm)



POWER REQUIREMENTS

Motor Only	93 kW
Building Total	126 kW
Main Disconnect	100 A Breaker Disconnect (building), 15 A breaker Disconnect (air compressor), 30 A Breaker Disconnect (heaters), 250 A Breaker (VFD/pump motor)
Voltage Input	480V
Phase	

Approximate Power Requirements

SUCTION PIPING

Maximum Allowable Working Pressure	675 psi (4654 kPa)
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Size	3" (88.9 mm)
Connection	CL300 RF

DISCHARGE PIPING

Maximum Allowable Working Pressure	5,000 psi (34.5 MPa)
Size	2" (60.3 mm)
Connection	CL2500 RTJ

SHIPPING DIMENSIONS

Width	12' (3.7 m)
Length	40' 9" (12.4 m)
Height	10' 2" (3.1 m)
Weight Estimate	36,000 lbs (16,375 kg)

CERTIFICATION

Electrical Class	Class 1 Zone 2
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VESSEL SPECIFICATION

Maximum Allowable Working Pressure	675 psi (4654 kPa)
Vessel Registration	AB,BC,SK
Vessel Diameter	42" (1066.8 mm)
Vessel Length S/S	10' (3048 mm)
Inlet Nozzle Size	3" (88.9 mm) CL300 RF
Gas Out Nozzle	3" (88.9 mm) CL300 RF
Liquid Outlet	2" (60.3 mm) CL300 RF
Drain Outlet	3" (88.9 mm) CL300 RF

SHUTDOWNS

High/Low Discharge Pressure
High/Low Suction Pressure
Manual ESD
Vibration Switch
Low Power End Oil
Baird Adjustable Pressure Relief Valve

FEATURES

Pulsation Dampener
Equipped with Heater and Lights
Exhaust Fan
Two Suction Strainers On Inlet Piping



OPERATIONS SOLUTIONS EQUIPMENT SPECIFICATION SHEET

Removable Catch Tank
H2S and LEL Detection
Heated and Insulated Stainless Rib Panels
460 V NEMA 3R VFD
Equipped for Sour Service