



Equipment Data Sheet:

AIR COMPRESSOR

(CFM 1100, 25 Bar)

Weight & Dimensions	
Gross Weight	5800kg
Length	3900mm
Width	2300mm
Height	2500 mm

Engine speed rpm	Engine power kw	Torque Nm	BSFC g/Kw.hr	Fuel rate L/hr
1800	354	1880	212.5	89.8
1700	344	1933	210.6	86.4
1600	333	1987	209.3	83.1
1500	321	2041	208.9	79.8
1400	307	2078	208.4	76.3
1350	294	2078	207.5	72.7
1300	281	2062	206.5	69.1
1200	251	1998	204.9	61.3
1100	233	1933	224.4	59.6

Emission standards	Aspiration	Boost Pump	Filtration	Safety	Auto Engine Shutdown	Chasis
Stage II/ Tier 2	Turbocharged after cooled	4 bar feed pressure	50 μ	Pump fitted with PSV & Bursting discs	Coolant Temp, pump Oil Pressure & Temp, feed pressure	4 Point crash lift frames/w forklift

ENGINE SPECIFICATION		PUMP SPECIFICATION	
Make, Model	Volvo Penta, TAD 943 VE	Make , Model	Caterpillar, C13 ACERT T3
Rated Power	280KW/380 HP	Pump Inlet port	4" #300 x 4" # 150
Cooling Method	Force circulation liquid cooling system	Pump outlet port	1"NPT M
Electrical System Voltage	24 V (Max 180 Ah)	Max. Flow Rate	465 Ltrs/minute
Number Of Cylinders	6 no's	Max. Working Pressure	250 Bar
Oil Pressure	44-87 psi	Max. Operating Temperature	56 Deg.C
Min Operating Speed	600 rpm	Plunger size	ø 75 mm (Ceramic)
Max. Operating Speed	1900 rpm	Gear Oil Grade	EP 90
Max.Engine Operating Temperature	100 Deg.C	Gear Oil Capacity	32 ltrs
Engine Oil & Capacity	Volvo Penta VDS-3 15W/40 & 35 Ltrs	Plunger cooling method	Oil
Fuel Tank Capacity	800 Ltrs	Fuel Consumption	22.0 Ltrs/hr
Zone Clarification	Rig Safe Equipment (Spark Arrester, Chalwyn Valve, Emergency stop Switch, Battery Cutoff Switch & Thermal Insulation)		