



## Equipment Data Sheet:

### **PRESSURE PUMP**

(90 LPM )

Filtration	Boost pump	Plunger	Pump Heads	Engine Operations	Safety	Engine Shutdown system	Chassis
50 Micron	4 bar feed pressure to pump Head	65 mm Stainless steel	Grade 316 Stainless steel	85 °C	Pump is fitted with PSV	Oil Pressure, Coolant Temp, pump Oil Pressure & Temp, Feed pressure	4 Point lift crash Frames/w forklift Pockets

Weight & Dimensions	
Gross Weight	2300 kg
Length	2250 mm
Width	1500 mm
Height	2150 mm

ENGINE SPECIFICATION		PUMP SPECIFICATION	
Engine Make, Model	Volvo Penta, TAD 620 VE	Pump Make, Model	Jetstream ,
Rated Power	155 Kw/207.7 Hp	Pump Inlet port	2" x 300#
Cooling Method	Water Cooled Heat Exchanger	Pump outlet port	½"NPT F
Electrical System Voltage	12 V	Max. Capacity	90.84 Ltrs/minute
Number Of Cylinders	4	Max. Working Pressure	7500 Psi
Max. Engine Speed	2500 rpm	Pump Operating Temperature	50 C
Max. Inlet Pressure	Minimum 1 bar	Plunger size	1.1"
Normal Operating Speed	600 rpm	Drive ratio	3.77
Max. Operating Speed	2000 rpm	Gear Oil Grade	Shell 90
Engine Oil & Capacity	15w/40 & 12 ltrs	Gear Oil Capacity	10 ltrs
Fuel Tank Capacity	400 Liters	Plunger cooling method	Water
Fuel Consumption	10 ltrs/hr	Pump Inlet port	2" x 300#
Zone Clarification	Rig SaFe Equipment (Spark Arrester, Chalwyn Valve, Emergency stop Switch, Cutoff Switch & thermal Insulation )		

Fluid End Part No.	Plunger size		Flow at Specified Pump Speeds (RPM)											Power Input		Max. Flow / Pressure			
	No.	Diameter		150		200		300		400		500				Flow		Pressure	
		in	mm	gpm	lpm	gpm	lpm	gpm	lpm	gpm	lpm	gpm	lpm	hp	kw	gpm	lpm	psi	bar
52055	7	0.735	18.7	2.5	9	3.3	13	5	19	6.6	25	8.3	31	90	67	9.3	35	15000	1000
52060	8	0.800	20.3	2.9	11	3.9	15	5.9	22	7.8	30	9.8	37	110	82	11.4	43	15000	1000
														90	67	11.2	42	12500	850
52065	9	0.900	22.9	3.7	14	5	19	7.4	28	9.9	36	12.4	47	150	112	14.9	56	15000	1000
														125	93	14.9	55	12500	850
														90	67	14	53	10000	700
52070	10	1.000	25.4	4.6	17	6.1	23	9.2	35	12.2	46	15.3	58	150	112	18.4	70	12000	825
														125	93	18.4	70	10000	700
														90	67	17.4	86	8000	550
52270	11	1.125	28.6	5.8	22	7.7	29	11.6	44	15.5	59	19.4	73	150	112	23.2	88	9000	625
														125	93	24	90.8	8000	550
														90	67	23.2	88	6000	400