

AIR DRIVEN PUMPS DA SERIES

Air operated, double acting hydraulic pumps for pressure testing, chemical injection and hydraulic power.

Pumps available -

DA33, 118, 186, 267

Features

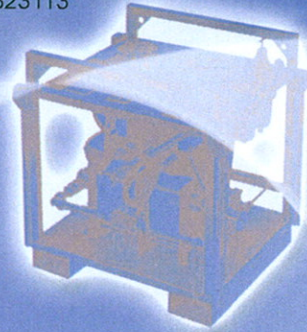
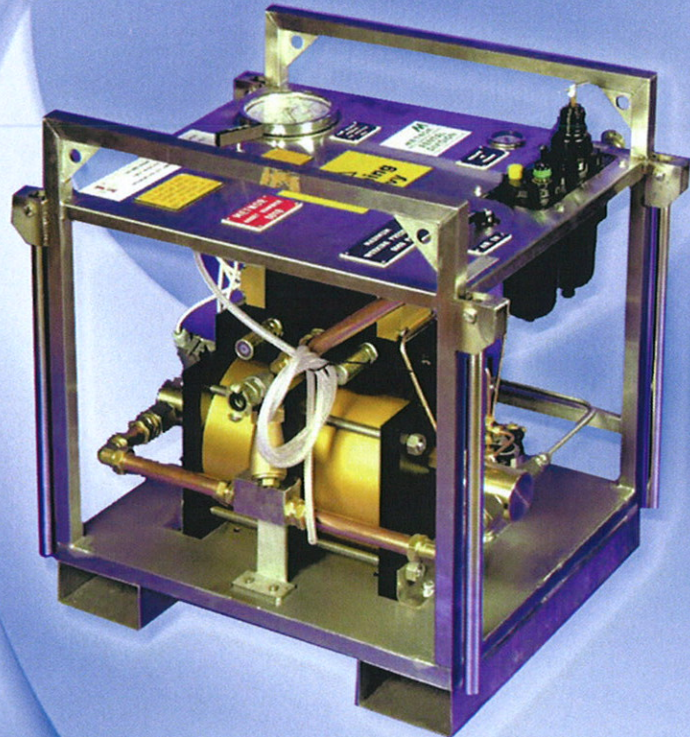
- Infinitely variable output pressure and flow.
- Will hold static pressure without generating heat or consuming power.
- Standard models are suitable for oil or water applications.
- Chemical models are available.
- Working pressures up to 26,700psi

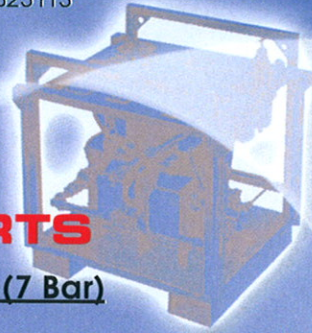
Standard equipment

- Air filter, lubricator, pressure regulator, pressure gauge and pump start/stop valve
- Inlet fluid strainer
- 6" dia (150mm dia) panel mounted pressure gauge
- Pressure release valve
- All inter connecting pipe work and fittings
- Robust stainless steel framework

All pumps are fitted with a Pneumatic Stroke Counter System to provide an economical way of counting the number of pump cycles.

All pumps are fitted with clients own specification inlet/outlet ports.





DA SERIES PERFORMANCE CHARTS

Approximate rate of discharge ins³/min (Ltr/min) air drive 100psi (7 Bar)

Pressure		DA33		DA118		DA186		DA267	
psi	Bar	ins ³ /min	Ltr/min	ins ³ /min	Ltr/min	ins ³ /min	Ltr/min	ins ³ /min	Ltr/min
0	0	1769	29	567	9.3	380	6.2	252	4.1
500	34	1390	22.8						
1000	69	1193	19.5	481	7.9	330	5.4		
1500	103	1052	17.2						
2000	138	858	14	445	7.3	315	5.1	215	3.5
2500	172	286	4.7						
3000	206	125	2	405	6.6				
4000	276					283	4.6	200	3.3
5000	345			343	5.6				
6000	414			301	4.9	257	4.2	180	2.9
8000	552			162	2.6				
10000	690			50	0.8	201	3.3	162	2.6
14000	965					550.9	134	2.2	
18000	1240					130.2	73	1.2	
22000	1517						29	0.5	
26000	1793						9	0.1	

Model	Ram Diameter		Output Cycle	
	ins	mm	ins ³	cc
DA33	1.750	44.4	15.6	255
DA118	0.937	23.8	4.5	73.7
DA186	0.750	19	3	49.2
DA267	0.625	15.9	2	32.8

Typical hydraulic pressure – Static condition

Model	Air drive Psi (Bar)	20 (1.4)		40 (2.8)		60 (4.1)		80 (5.5)		100 (6.9)	
		psi	Bar	psi	Bar	psi	Bar	psi	Bar	psi	Bar
DA33	Hydraulic Pressure	670	46	1330	92	2000	138	2665	184	3330	230
DA118		2370	163	4740	326	7110	490	9480	654	11854	817
DA186		3730	257	7470	515	11200	772	14935	1030	18670	1287
DA267		5360	369	10720	739	16080	1108	21440	1478	26700	1841