

# Air Driven Hydro Test Pump

Series : LAP<sub>Design</sub>



Maximum Capacity : 42,000 PSI

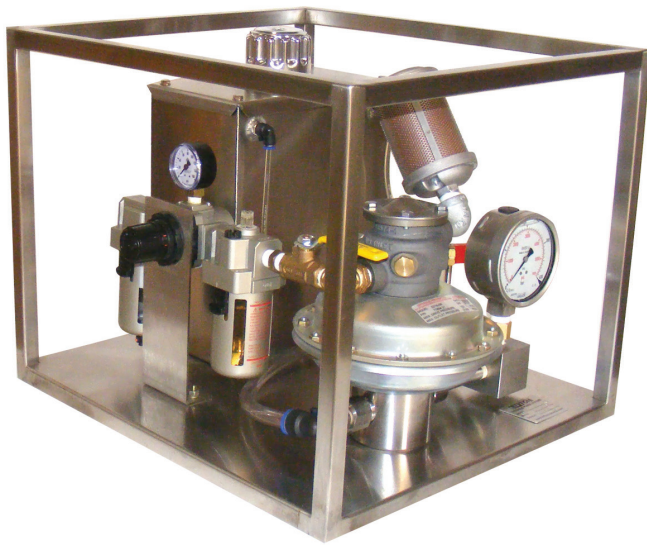


Chart recorder, hose, fittings are available upon request

- Rigid stainless steel frame and reservoir for tough working environment.
- Mounted with FRL unit, 4" dial, glycerine filled pressure gauge, level indicator.
- Air on/off valve, bleed valve.
- Suitable for fluids like water hydraulic oil and any other non-corrosive fluids.
- Air consumption 50 scfm.
- High flow rate.
- Output pressure upto 42000 psi.
- Pump stalls at preset pressure and restart when pressure drops below set pressure

Model	Pressure Range (PSI)	Displacement Per Stroke (CC)	Output Port Size	Weight (Kg)
LAP100	0-1,000	53.42	3/8"NPT	25
LAP185	0-1,850	28.68	3/8"NPT	25
LAP300	0-3,000	17.04	3/8"NPT	25
LAP450	0-4,500	11.60	3/8"NPT	25
LAP600	0-6,000	8.64	3/8"NPT	25
LAP1000	0-10,000	4.36	3/8"NPT	25
LAP2000	0-23,750	2.16	9/16" UNF	25
LAP3000	0-36,500	1.51	9/16" UNF	25
LAP4000	0-42,000	1.00	9/16" UNF	25

Rate of Discharge in Cubic Inches/min. and (liters/min) Air Drive 100 PSI (6.9 bar), EXCEPTION LAP-1000 Air Drive 82 PSI (5.6 bar)max

Pressure		LAP100	LAP185	LAP300	LAP450	LAP600	LAP1000	LAP2000	LAP3000	LAP4000
PSI	BAR									
0		485 (7.9)	485 (7.9)	332(5.4)	297 (4.9)	213 (3.5)	130 (2.1)	53 (0.9)	37 (0.6)	27 (0.43)
250	17	560 (9.1)	440 (7.2)	284(4.7)	238 (3.9)	190 (3.1)	122 (2.0)	52 (0.9)	36 (0.6)	26 (0.42)
500	34	484 (7.5)	400 (6.6)	268(4.4)	225 (3.7)	186 (3.0)	115 (1.7)	50 (0.8)	35 (0.6)	25 (0.40)
750	48	324 (5.3)	364 (6.0)	256(4.2)	214 (3.5)	177 (2.9)	112 (1.8)	49 (0.8)	34 (0.6)	24 (0.39)
1000	69		320 (5.2)	236(3.9)	200 (3.3)	170 (2.8)	110 (1.8)	48 (0.8)	33 (0.5)	23 (0.38)
2000	138			174(2.9)	164 (2.7)	140 (2.3)	99 (1.6)	46 (0.8)	32 (0.5)	21 (0.34)
3000	207			42 (0.7)	122 (2.0)	107 (1.8)	88 (1.4)	43 (0.7)	30 (0.5)	20 (0.31)
4000	276				69 (1.1)	86 (1.4)	85 (1.3)	41 (0.7)	30 (0.5)	18 (0.29)
5000	345					60 (1.0)	75 (1.2)	38 (0.6)	29 (0.5)	16 (0.26)
8800	607						57 (0.9)	34 (0.6)	26 (0.4)	15.5 (0.25)
10000	690						40 (0.7)	30 (0.5)	23 (0.4)	15 (0.24)
12500	862							23 (0.4)	23 (0.4)	14.5 (0.23)
15000	1034							20 (0.3)	18 (0.3)	13 (0.21)
20000	1379							9 (.15)	14 (0.2)	13 (0.20)
30000	2069								6 (0.1)	8 (0.13)
33500	2310								6 (0.1)	7 (0.10)
40000	2759									3 (0.05)