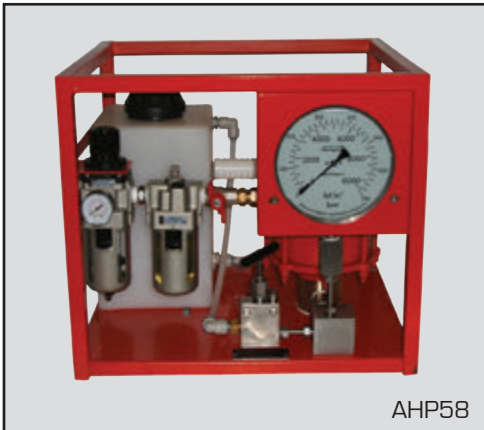


## AHP - AIR DRIVEN HYDROTEST PUMPS - STANDARD FLOW



Output pressures up to 2931 Bar

Suitable for use with various fluids

150mm dual scale vibra pressure gauge

- >> Air consumption 28 scfm (0.79m<sup>3</sup>/minute)
- >> Infinitely variable output pressure and flow
- >> 7 litre reservoir capacity

The Hi-Force AHP series of air driven hydrostatic pressure testing pumps offer a choice of eight models with output pressure capacities ranging from 6 Bar (87 PSI) to 2931 Bar (42500 PSI). All models are suitable for use with various fluids, including water and are supplied with a 150mm diameter glycerine filled hydraulic pressure gauge (calibrated on request), inlet airline filter, lubricator and pressure regulator unit, lightweight fluid reservoir, pump start/stop valve and a robust stainless steel skid mounted framework. Optional extras include stainless steel reservoir, stroke counter system and pressure isolation valve. All units are of compact design with a maximum weight of 23 kg.

Model number	Max. output pressure (Bar) at airline input pressure			Fluid volume displacement per stroke (cm <sup>3</sup> )	Outlet port thread	Weight kg
	10 PSI 0.69 Bar	50 PSI 3.45 Bar	100 PSI 6.9 Bar			
<b>AHP10</b>	6	34	69	42.3	1/2" NPT	23
<b>AHP26</b>	14	90	181	16.0	1/2" NPT	21
<b>AHP36</b>	17	122	250	12.3	1/2" NPT	20
<b>AHP58</b>	28	200	400	7.6	1/2" NPT	20
<b>AHP107</b>	62	373	738	4.0	1/2" NPT	20
<b>AHP187</b>	97	638	1293	2.2	9/16"-18UNF	20
<b>AHP275</b>	155	931	1897	1.6	9/16"-18UNF	20
<b>AHP425</b>	345	1448	2931	1.0	9/16"-18UNF	20

Dimensions in mm		
Length	Width	Height
450	395	395
450	395	395
450	395	395
450	395	395
450	395	395
450	395	395
450	395	395
450	395	395

Hydraulic pressure PSI Bar	Approximate rate of discharge (litres/min) at air input pressure 100 PSI (7 Bar)							
	<b>AHP10</b>	<b>AHP26</b>	<b>AHP36</b>	<b>AHP58</b>	<b>AHP107</b>	<b>AHP187</b>	<b>AHP275</b>	<b>AHP425</b>
0 0	23.10	8.80	6.00	3.56	1.97	1.15	0.72	0.43
500 35	12.00	5.85	4.39	3.05	1.50	1.05	0.68	0.40
1000 69	*	4.72	3.80	2.51	1.28	1.00	0.65	0.38
1500 104	*	3.90	3.34	2.38	1.25	0.90	0.60	0.36
2000 138	*	3.00	3.00	2.25	1.21	0.78	0.55	0.34
2500 173	*	1.21	2.56	2.05	1.18	0.75	0.50	0.33
3000 207	*	*	1.95	1.85	1.16	0.73	0.48	0.31
4000 276	*	*	*	1.56	1.02	0.70	0.45	0.29
5000 345	*	*	*	1.02	0.95	0.67	0.42	0.26
7500 517	*	*	*	*	0.76	0.60	0.40	0.25
10000 690	*	*	*	*	0.44	0.52	0.37	0.24
15000 1034	*	*	*	*	*	0.39	0.33	0.21
20000 1379	*	*	*	*	*	*	0.30	0.20
25000 1724	*	*	*	*	*	*	0.21	0.16
30000 2069	*	*	*	*	*	*	*	0.13
40000 2760	*	*	*	*	*	*	*	0.05

\* Pressure exceeds pump capacity