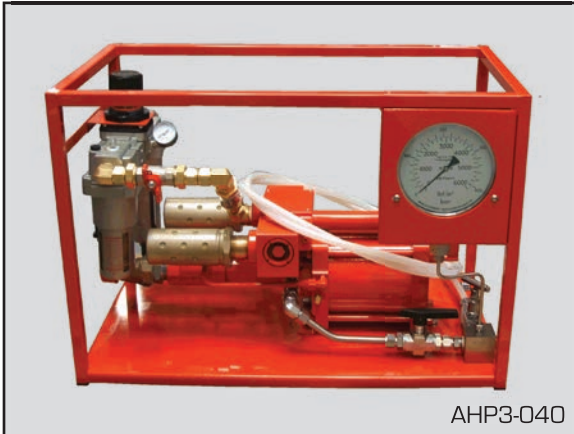


## AHP3 - AIR DRIVEN HYDROTEST PUMPS - HIGH FLOW



AHP3-040

Output pressures up to 700 Bar

Suitable for use with various fluids

150mm dual scale vibra pressure gauge

- >> Air consumption 175 scfm (4.96 m<sup>3</sup>/minute)
- >> Infinitely variable output pressure and flow
- >> Fluid inlet 1.1/4" BSPF

The Hi-Force AHP3 series of air driven hydrostatic pressure testing pumps offer a choice of 3 models with output pressure capacities ranging from 42 Bar (609 PSI) to 700 Bar (10000 PSI). All models are compact design and 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, pressure isolation valve, pressure release valve, fluid inlet via Y-type fluid strainer, pump start/stop valve and a robust stainless steel skid mounted framework. Optional extras include stainless steel reservoir, stroke counter system, distance piece for chemical duty and chart recorder.

Model number	Max. output pressure (Bar) at airline input pressure			Fluid volume displacement per stroke (cm <sup>3</sup> )	Outlet port thread	Weight kg
	15 PSI 1.04 Bar	50 PSI 3.45 Bar	100 PSI 6.9 Bar			
<b>AHP3-040</b>	41.4	137.9	275.8	98.3	½" NPTF	40
<b>AHP3-060</b>	62.1	206.9	413.7	57.4	½" NPTF	40
<b>AHP3-100</b>	103.4	344.8	689.5	34.4	½" NPTF	40

Dimensions in mm		
Length	Width	Height
715	390	490
715	390	490
715	390	490

Hydraulic pressure PSI Bar	Approximate rate of discharge (litres/min) at air input pressure 100 PSI (7 Bar)		
	<b>AHP3-040</b>	<b>AHP3-060</b>	<b>AHP3-100</b>
0	18.35	15.63	11.96
500	14.42	12.85	10.49
1000	10.81	10.51	8.69
1500	7.21	8.57	7.05
2000	5.90	6.97	5.65
2500	4.26	5.66	4.83
3000	2.62	4.60	4.18
3500	1.31	3.74	3.85
4000	0	3.02	3.52
4500	*	2.40	3.03
5000	*	1.84	2.79
5500	*	1.27	2.62
6000	*	0.65	2.46
6500	*	*	1.88
7000	*	*	1.39
7500	*	*	1.15
8000	*	*	0.90
8500	*	*	0.66
9000	*	*	0.49
9500	*	*	0.33
10000	*	*	0.16

\* Pressure exceeds pump capacity