

AHP | AIR DRIVEN HYDROTEST PUMPS - STANDARD FLOW

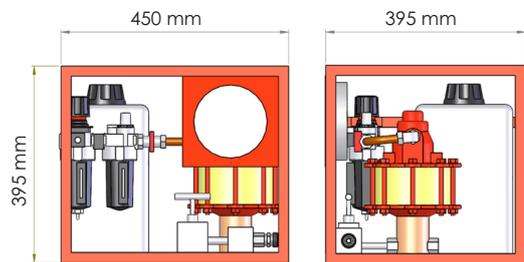


Output pressures up to 2931 bar

Suitable for use with various fluids

150 mm dual scale vibra pressure gauge

- ▶ Infinitely variable output pressure and fluid displacement speed
- ▶ Integral inlet air filtration and lubrication unit with air pressure gauge
- ▶ Airline regulator for easy setting of input air and output hydraulic pressure
- ▶ Maximum air consumption of 0.79 m³ (28 scfm) per minute at 7 bar
- ▶ Smooth and easily operated hydraulic pressure hold and release valve
- ▶ Fitted with input air pump start/stop valve for easy and fast pressure shut off
- ▶ Robust powder coated stainless steel protective framework
- ▶ Lightweight plastic, 7.5 litres capacity, fluid reservoir
- ▶ Optional stainless steel reservoir, stroke counter system and pressure isolation valve available on request



Model number	Max output pressure (bar) at airline input pressure			Fluid volume displacement per stroke (cm ³)	Outlet port thread	Weight (kg)
	10 psi 0.69 bar	50 psi 3.45 bar	100 psi 6.9 bar			
AHP10	6	34	69	42.3	½" NPT	23
AHP26	14	90	181	16	½" NPT	21
AHP36	17	122	250	12.3	½" NPT	20
AHP58	28	200	400	7.6	½" NPT	20
AHP107	62	373	738	4	½" NPT	20
AHP187	97	638	1293	2.2	¼"-18 UNF	20
AHP275	155	931	1897	1.6	¼"-18 UNF	20
AHP425	345	1448	2931	1	¼"-18 UNF	20

Hydraulic pressure		Approximate rate of discharge (litres/minute) at air input pressure 100 psi (7 bar)							
psi	bar	AHP10	AHP26	AHP36	AHP58	AHP107	AHP187	AHP275	AHP425
0	0	23.1	8.8	6	3.56	1.97	1.15	0.72	0.43
500	35	12	5.85	4.39	3.05	1.5	1.05	0.68	0.4
1000	69	*	4.72	3.8	2.51	1.28	1	0.65	0.38
1500	104	*	3.9	3.34	2.38	1.25	0.9	0.6	0.36
2000	138	*	3	3	2.25	1.21	0.78	0.55	0.34
2500	173	*	1.21	2.56	2.05	1.18	0.75	0.5	0.33
3000	207	*	*	1.95	1.85	1.16	0.73	0.48	0.31
4000	276	*	*	*	1.56	1.02	0.7	0.45	0.29
5000	345	*	*	*	1.02	0.95	0.67	0.42	0.26
7500	517	*	*	*	*	0.76	0.6	0.4	0.25
10000	690	*	*	*	*	0.44	0.52	0.37	0.24
15000	1034	*	*	*	*	*	0.39	0.33	0.21
20000	1379	*	*	*	*	*	*	0.3	0.2
25000	1724	*	*	*	*	*	*	0.21	0.16
30000	2069	*	*	*	*	*	*	*	0.13
40000	2760	*	*	*	*	*	*	*	0.05

* Pressure exceeds pump capacity