

Dynapress® Hydraulic Intensifier



- Small and compact, the HB10 operates 10,000 psi (700 bar) remote head tools.
- Able to operate on either Open- or Closed-Center hydraulic systems without making any changes to the tool.
- Uses the proven, versatile Dynapress® remote control valves and hoses sets.
- Supplied with pressure and return high pressure (10,000 psi/700 bar) screw-type couplers (HTMA couplers ordered separately).
- Supplied with convenient foldable carrying handle, and can be permanently mounted.

CAT. NO.	UPC NO.	DESCRIPTION
CE HB10	48930	Dynapress® Hydraulic Intensifier, 10,000 psi/700 bar output
54923	54923	HTMA Male Coupler
54925	54925	HTMA Female Coupler

SPECIFICATIONS

System	Open- and Closed-Center
Low Pressure Side	
Input Pressure	1,000 - 2,200 psi (69 - 152 bar)
Input Flow	4 - 8 gpm (15 - 30 lpm)
Max. Back Pressure	200 psi (13.8 bar)
Port Sizes	3/4 - 16 SAE O-ring (pressure and return)
High Pressure Side	
Output Flow	35 cu-in/min (574 cu-cm/min)
Output Pressure	10,000 psi (700 bar)
Relief Valve Setting	10,000 psi (700 bar)
Port Sizes	1/4 - 18 NPSM (couplers provided)
Fast Advance Flow	320 cu-in/min (5,248 cu-cm/min)
Weight	10.3 lb. (4.7 kg) booster with high-pressure couplers and dry (no oil)
Length	5.6" (142 mm)
Width	4.0" (101 mm)*
Height	4.0" (101 mm)*

* Note: Width and height dimensions do not include handle, relief valve cap or couplings

High Pressure Tool Accessories

CAT. NO.	UPC NO.	DESCRIPTION
Certified Non-conductive High Pressure Dual Hose Set – Rated 10,000 psi (700 bar) For use between Dynapress® intensifier or electric pump and control valve. Each pair includes 3/16" (4.8 mm) I.D. pressure hoses with one 1/4" NPT male fitting on one end and high-pressure quick-disconnect on the other end.		
138573	41107	6 ft. (1.8 m)
138574	41108	10 ft. (3 m)
Certified Non-conductive High Pressure Hose – Rated 10,000 psi (700 bar) For use between control valve and tool. 3/16" (4.8 mm) I.D. hose with 1/4 NPT male fittings on both ends.		
F020721	41795	6 ft. (1.8 m)
F020723	41796	10 ft. (3 m)
F020725	41797	25 ft. (7.6 m)
10,000 psi (700 bar) High Pressure Couplers		
130868	40647	Male Coupler, nose half 1/4 – 18 NPSM
130878	40652	Female Coupler 1/4 – 18 NPSM
F020896	41811	Male Coupler, nose half 1/4 – 18 NPTF
F024631	42096	Female Coupler 1/4 – 18 NPTM
F022061	41941	Male Coupler, nose half 3/8 – 18 NPTF
F021627	41877	Female Coupler 3/8 – 18 NPTM
Accessories For Specific Tools		
132333	40711	Fitting Alignment Tool (High Pressure Fittings) on PVA Valves, Crimpers, and Cutters (coupler connect tools only)
155978	41210	Single Acting Adapter – Single-Acting tools can be easily connected to the HP Double-Acting System Control Valve with the addition of the 155978 Single-Acting Adapter. However, under extreme truck back pressure condition, the return mode may not function; therefore, we recommend a dedicated Single-Acting control valve – PVA0021.