Intensifier
HYDRAULIC

Pressure ratio 5:1

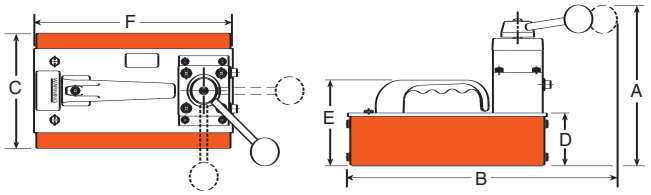
Converts low-pressure portable hydraulic pumps or on-board hydraulic systems, into high pressure power sources.

PUMPS

- Applications include utilities, railroads, construction, riggers and others.
- Operates single- or double-acting cylinders, jacks, and tools such as crimpers, spreaders, cable cutters, or tire tools. Version for use with double-acting torque wrenches available.
- May be used to operate two separate, single-acting tools (with integral valves) independently, without need for additional manifold.
- Compact and rugged for use inside a utility vehicle aerial bucket or stowing in a vehicle.
- Control valve included. Other Power Team valves available as an option to suit your specific application, if needed; consult factory.
- No reservoir level to maintain; uses low pressure system as oil supply.
- Has ⅜" NPTF ports; compatible with standard fittings for low and high pressure systems.

HB443

10,000 psi



Pump No.	Output Flow @ 10,000 (psi)	A (in.)	B (in.)	C (in.)	D (in.)	E (in.)	F (in.)	Prod. Wt. (lbs.)
HB44 Series	44 cu. in./min.	8⅝	14½	6⅛	2¾	4½	10½	16

For use with Cyl. Type	Description	Order No.	Valve Type	Valve No.	Output Flow Valve Function	Input Flow Range (gpm)	Input Flow Pressure (psi)	Output Flow Range (gpm)
Single-Acting	Hydraulic intensifier for single-acting systems	**HB443**	3-Way 3-Position	9520*	Advance Hold Return	0 -10	300 - 2,000	0 - 2.5
Single-Acting/ Double-Acting	Hydraulic intensifier for double-acting systems	**HB444**	4-Way 3-Position	9506*	Advance Hold Return	0 -10	300 - 2,000	0 - 2.5
Double-Acting NEW	Hydraulic intensifier for double-acting torque wrench tools	**HB445-RR**	4-Way 3-Position	–	Advance Hold Return	0 -10	300 - 2,000	0 - 2.5

† For maximum efficiency, recommended input flow is 5 gpm at a maximum pressure of 2,000 psi. Higher flows and/or pressures must be compensated for at the system pump (e.g., relief valve, variable flow devices, etc.).

* "Posi-Check®" valve design, "Posi-Check®" guards against pressure loss when valve is shifted from "advance" position to "hold" position.