

# Intensifier HYDRAULIC

Pressure ratio 5:1

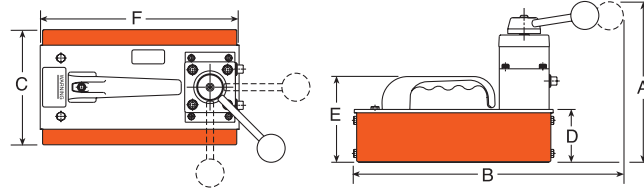
Converts low-pressure portable hydraulic pumps or on-board hydraulic systems, into high pressure power sources.

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.
- 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 3/8" NPTF ports; compatible with standard fittings for low and high pressure systems.



HB443



Pump No.	Output Flow at 700 bar	A (mm)	B (mm)	C (mm)	D (mm)	E (mm)	F (mm)	Prod. Wt. (kg)
HB44-Series	0,7 l/min.	210	368	156	70	114	267	7,2

Description	Order No.	Valve Type	Valve No.	Input Flow Valve Function	Input flow Range† (l/min)	Operating Pressure bar	Output flow (l/min)
Hydraulic intensifier for single-acting systems	HB443	3-Way	9520*	Advance Hold	0 -38	20-138	0 – 9,5
Hydraulic intensifier for double-acting systems	HB444	4-Way	9506*	Return	0 -38	20-138	0 – 9,5
		3-Position		Advance Hold			
		3-Position		Return			

† For maximum efficiency, recommended input flow is 19 l/min at a maximum pressure of 140 bar. 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.