



Tool Intensifier

Designed for Continuous Use

The tool intensifier boosts the existing hydraulic circuit on utility trucks up to 10,000 psi, allowing the use of high pressure tools without the need for a separate HPU. It is designed to perform in hydraulic systems with a high backpressure and can handle resistance up to 700 psi.

Advantages at a Glance

- Boosts hydraulic tool circuit to 10,000 psi
- Handles inlet pressure as low as 435 psi
- Includes safety relief valve and single acting control valve to ensure safety for the operator
- Contains built-in pressure intensifier and pressure regulator
- Built-in pressure gauge for consistent results
- Creates less heat than competing intensifiers
- Fast duty cycles with backpressures up to 700 psi
- Available without intensifier, just to overcome backpressure

Tool Intensifier

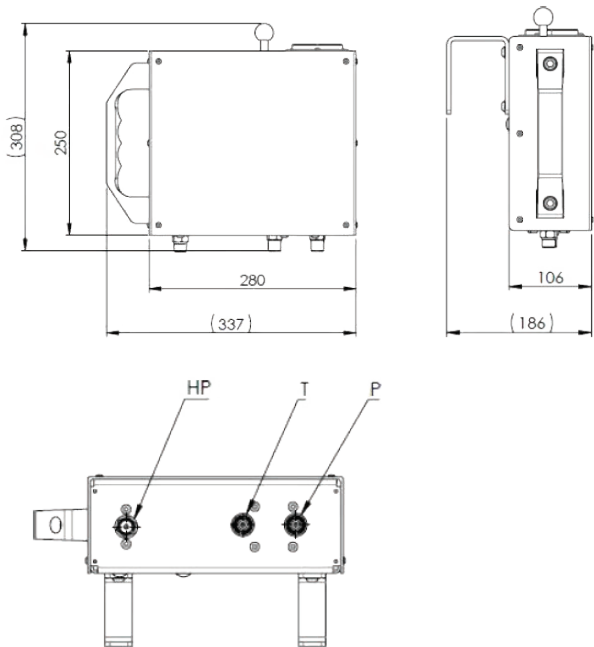
The tool intensifier utilizes the tool circuit pressure on utility trucks and boosts it to 10,000 psi. This allows you to use large crimping tools without the need for a separate electric or gas engine hydraulic power unit.

The pressure is intensified with a reciprocating piston that operates at full flow until the crimper bottoms out. Once the tool has bottomed out, the intensifier senses this and starts intensifying the lower pressure flow to 10,000 psi. By using a reciprocating piston, it creates less heat than other intensifiers used today. This allows the intensifier to be used continuously without having to stop and let the device cool down, increasing your productivity in the field.

The built-in devices, such as the pressure intensifier, pressure regulator, single acting control valve, and safety relief valve, ensure a high level of precision and safety for the operator. The intensifier is designed for simple one-handed operation and is equipped with a pressure gauge for ensuring a perfect and consistent result, every time.



For more information, visit
www.icfluid.com/tool-intensifier/



Technical Specifications

Min Inlet Pressure	435 psi (30 bar)
Min Inlet Flow	0.8 gpm (3 lpm)
Max Backpressure	700 psi (48 bar)
High Pressure Output Port Low Pressure Input Port Tank Return Port	3/8" NPT/ 1/4" BSPP MALE
Control	Double Acting Spring Return
Mounting Brackets	Included
Couplings	Not Included (Available)
Outlet Pressure	2,900 to 10,000 psi (200 to 700 bar)
Dimensions (w x h)	12 in x 13.3 in (30.8 cm x 33.7 cm)
Weight	29 lbs (13 kg)
Intensification Ratio	3.4 to 10

Tool Intensifier Information Sheet v9.1 / July 2026