



# Tool Intensifier

## Designed for Continuous Use

The tool intensifier is a device that utilizes the existing hydraulic tool circuit on utility trucks and boosts it to 10,000 psi. 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 1,850 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
- Mounting brackets to fit almost every bucket
- Creates less heat than competing intensifiers
- Fast duty cycles with backpressures up to 700 psi

# 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-hand 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/](http://www.icfluid.com/tool-intensifier/)

## Technical Data

Min Inlet Pressure	1,850 psi (128 bar)
Min Inlet Flow	0.8 GPM (3 LPM)
Max Backpressure	700 psi (48 bar)
High Pressure Output Port (HP)	3/8" NPT
Low Pressure Inlet Port	3/8" NPT
Tank Return Port	3/8" NPT
Control	Single-acting spring return *Double-acting available in the future
Mounting Brackets	Included (Adjustable)
Couplings	Not included (Available as an accessory)

Tool Intensifier Information Sheet v9 / September 23