



CPF-800

Hydraulic Foot Pump

Product Catalog



CPF-800 Hydraulic Foot Pump

Specifications

Model	CPF-800
Type	Manual hydraulic foot pump
Maximum Pressure	700 bar / 10,000 psi
Oil Capacity	700-720 cc
Oil Output	Two-stage (high and low pressure)
High Pressure Output	2.26 cc/stroke (at 700 bar)
Low Pressure Output	12.26 cc/stroke
Hose Length	1.5 m (59 inches)
Oil Pipe Coupling	ZG3/8" or PT3/8" female quick connector
Safety Valve	Yes, built-in to prevent overpressure
Design	Foot-operated for hands-free operation
Compatibility	Works with split hydraulic tools like crimpers, cutters, and jacks



Applications

- Two-stage operation: The pump provides both a high-volume low-pressure output (approx. 12.26cc/stroke) for fast oil delivery and a high-pressure output (approx. 2.26cc/stroke) for working pressure, which allows for quick operation.
- Pedal-operated design: The foot pump allows for hands-free operation, enabling the user to keep both hands on the tool or workpiece for increased safety and efficiency.
- High-pressure capability: It can deliver a maximum output pressure of up to 700 bar (70 MPa or 10,000 psi), making it suitable for a variety of hydraulic tools like crimpers and cutters.
- Safety features: An internal high-pressure safety valve protects the hydraulic system from overpressure by automatically relieving excess pressure. The pressure can also be held in a middle stop position.
- Manual and versatile: The pump does not require electricity to operate and can be used even without power, functioning similarly to an electric pump under any working pressure.

Description

The CPF-800 hydraulic foot pump is a manual, two-stage pump with a maximum working pressure of 700 bar (10,000 psi) and an oil capacity ranging from 700cc to 850cc, depending on the model. It features a two-speed design for quick oil delivery and a safety valve to prevent over-pressure. The pump is compatible with hydraulic tools that have a ZG3/8" or PT3/8" quick connector, and its foot-operated design allows for hands-free operation.

Applications

- Hydraulic crimping and cutting: Used with tools for crimping or cutting electrical cables and wires.
- Hydraulic punching: Drives punching machines for making holes in materials.
- Hydraulic bending: Powers hydraulic pipe benders.
- Hydraulic jacking and spreading: Operates hydraulic jacks, pullers, and flange expanders.
- General industrial and construction: Works with a variety of split hydraulic equipment used in power construction, building work, and rescue operations.