

AIRBOLT Hydropneumatic Pump

Operating Instructions

- ❖ Purge the injection hoses before connecting the water and air lines.
- ❖ Connect the water and air inlet hoses to the pump.
- ❖ Attach the outlet hose and the inflation gun to the pressure outlet of the pump.
- ❖ Open the water inlet valve first. Flush the check valve inside the bolt.
- ❖ Insert the nozzle into the bolt port.
- ❖ Start pumping to reach the required pressure. Once the pressure gauge indicates 300 bar, the operator will know that the bolt has been properly inflated.

Accessories

- ❖ Injection lance
- ❖ Inflation nozzle
- ❖ High-pressure hose, Ø ½", 5 meters long, rated for 500 bar
- ❖ Pressure release valve, rated for 500 bar
- ❖ Release hose, rated for 100 bar

Commercial Presentation

Our hydropneumatic pump is sold without accessories. Accessories are quoted separately as part of the commercial proposal.



PEX Manual Hydraulic Pump

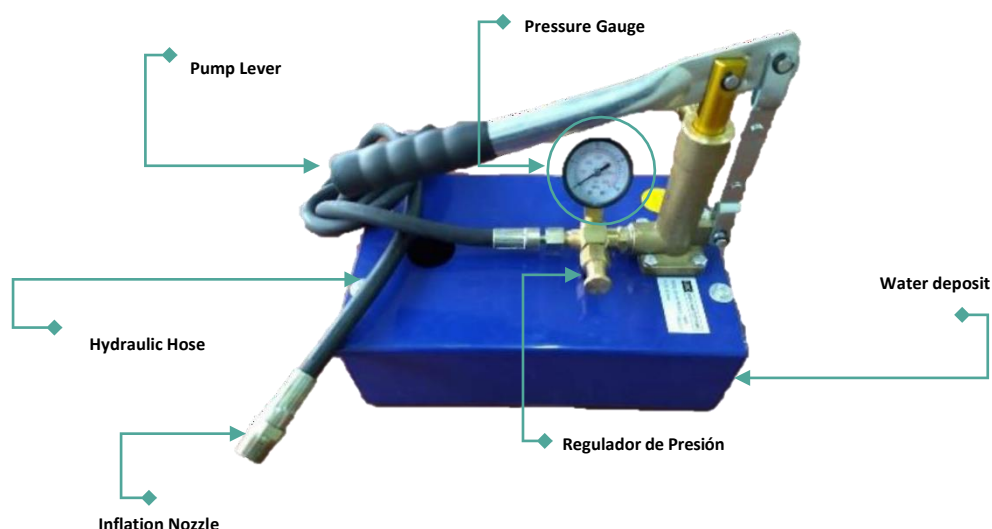
Product Description

Our manual hydraulic pump is a highly valued accessory in mining operations due to its compact size and lightweight design, making it a versatile and efficient tool that delivers excellent performance with minimal resource requirements. It is commonly used by operators for the inflation or expansion of ground support elements, such as our PEX expandable steel plate.

The pump is capable of generating up to 160 bar of hydraulic pressure, which is more than sufficient for the typical underground support tasks where it is employed.

Our manual hydraulic pump features a steel outer frame with epoxy coating, and an internal bronze mechanism, which ensures durability even under intensive and continuous use.

Among its advantages: it is easy to operate, very lightweight, and equipped with a pressure gauge for proper water pressure control.



Especificaciones Técnicas del Producto:

Hydraulic pump parameters	
Model	SY-160
Water Tank Capacity (Liters)	5.4
Maximun Pressure gauge reading (Mpa)	16
Weight (Kg)	5.5
Dimensions(mm)	310x310x200

Operating Parameters	
Installation time(min)	3.5-4
Inlfation pressure (Mpa)	10-12