Pro-Tech TOOLS

Hydraulic cylinder



Instructions for use

Translation of the original instructions

WORKING WITH HYDRAULIC CYLINDER

- Turn the drain valve to the closed position by turning it . Pump the control rod to extend the piston to the desired length.

- Piston withdrawal: turn the drain valve very slowly in a direction. To slowly and safely withdraw the piston, turn the valve only partially. If you release the drain valve most of the way, the load will be lowered very quickly.

!!! WARNING !!!

For your safety and protection from possible injury.

- Do not load the hydraulic cylinder beyond its rated capacity. Overloading can damage or completely destroy this equipment.

- This device is only used for expanding in the vertical position. Once the object has been stretched to the required distance, it must be immediately secured with the appropriate fixtures with the corresponding load capacity.

- A strong impact could damage this hydraulic cylinder.

- Before filling the oil, lower the piston completely. Place the cylinder in a vertical position and fill the oil up to the bottom edge of the filling hole. Use only oil designed for hydraulic jacks. Improperly selected oil can damage the equipment.

- All fasteners must be securely tightened before use. Do not confuse the enclosed accessories.

- It is the responsibility of the owner or operator to keep this user manual and all informative and warning labels legible.

- Carefully study and follow the instructions given.

- Failure to follow these instructions and improper handling of the equipment may cause damage personal injury.

- Any movement of persons between the stretched objects is prohibited.

AS SOON AS YOU REACH THE MAXIMUM LENGTH, STOP PUMPING. THE MAXIMUM PULL-OUT IS INDICATED BY A RING ON THE PISTON. EXCEEDING THIS LIMIT MAY CONSEQUENTLY CAUSE THE MACHINE TO OPERATE INCORRECTLY.

Pro-Tech shop

Technical data :

Model	**8t**		**12t**	
	One piston	Two pistons	One piston	Two pistons
Minimum lifting height	670mm	670mm	670mm	670mm
Maximum lifting height	1160mm	1160mm	1130mm	1130mm
Piston stroke	490mm	490mm	500mm	500mm
Piston diameter	30mm	30mm	32mm	32mm
Outside diameter of hydraulic working cylinder	80mm	80mm	80mm	80mm
Weight	10kg	10kg	12kg	12kg