Pro-Tech TOOLS

Hydraulic cylinder 8t,12t



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.

Technical data :

Model	**8t**		**12t**	
	One piston	Two pistons	One piston	Two pistons
Minimum lifting height	635mm	635mm	650mm	650mm
Maximum lifting height	1120mm	1120mm	1140mm	1140mm
Piston stroke	485mm	485mm	490mm	490mm
Piston diameter	28mm	28mm	33mm	33mm
Outside diameter of hydraulic working cylinder	70mm	70mm	80mm	80mm
Weight	7.6kg	8.6kg	10kg	11kg