

# Hydraulic hoist 5t



## Instructions for use

Translation of the original instructions



## **PRODUCT DESCRIPTION**

The hydraulic hoist is designed for jobs where heavy lifting is required. It cannot be used as a support element set permanently. It is forbidden to lift or stabilize residential structures or caravans with a hoist.

## **SAFETY RECOMMENDATIONS**

A hoist is a hydraulic device that operates under high loads. Basic safety rules must be observed when working.

- Before starting work, it is necessary to read the operating instructions and keep them for future reference.
- Never exceed the maximum hoist load.
- It is forbidden to lift people or animals with a hoist.
- The hoist is intended for lifting only, it is forbidden to use it for other purposes.
- It is necessary to use additional safety equipment (e.g. supports) to support the lifted object before starting to work underneath it.
- Lock or chock the wheels and apply the handbrake before lifting vehicles.
- Do not leave lifted loads unattended.
- Do not allow minors or persons untrained in the operation of the equipment to be in the vicinity of the work area or hoist storage area.
- Do not wear loose clothing or jewelry. Long hair should be pinned up. Wear personal protective equipment such as gloves and work boots with a reinforced toe.
- Make sure that the subfloor will support the load being lifted before you start lifting.
- The hoist must be placed on a flat, level, hard and stable surface.
- The jack should be positioned under the equipment being lifted so that the load is supported in the centre of the jack saddle.
- It is absolutely forbidden to adjust the safety valve in any way.
- Keep the device at a safe distance from sources of heat and fire, as this could damage the device or impair its functionality.
- Before lifting any load, make sure that the hoist does not shift after the load is lifted.
- Before lifting any load, make sure that the hoist is not damaged in any way. If the hoist requires repair, contact an authorised service centre for this purpose.

## **INSTALLATION AND OPERATION**

The hoist is supplied as an assembled unit and does not require further assembly or adjustment.

Approximately 6 full pumping strokes should be performed with the release valve unscrewed to ensure proper distribution of hydraulic oil inside the jack system before starting work.

### **Lifting**

Before starting to lift, make sure that the person operating the hoist will have the hoist and the load to be lifted in sight while performing all movements.

With the narrower end of the jack arm, close the release valve by tightening it clockwise until no resistance is felt.

Place the jack under the load to be lifted in a location that is designated for jack use (e.g. on cars) so that the load rests centrally on the jack saddle. If necessary, on jacks with extensions, the extension bolts can be unscrewed so that the jack seat meets the load to be lifted. Insert the jack arm into the corresponding hole. Move the arm in an up-down direction to lift the load to the desired height. After lifting, secure the load against falling, e.g. with supports.

### **Launching**

Before starting to lower, make sure that the load being lowered will not cause injury to the operator. Slowly turn the release valve counterclockwise with the narrower end of the hoist arm.

It is forbidden to unscrew the release valve more than necessary to slowly lower the load. Unscrewing the valve quickly may cause the load to fall. Unscrewing the valve too much may cause damage to the valve. Once the load is fully lowered, remove the arm from the jack and remove the jack from under the load. In the case of a hoist with an extension, screw in the extension bolt if one has been used.

### **Maintenance**

When the jack is not in use, the jack plunger and arm hole must be in the down position. In the case of a jack with an extension, the extension bolt must also be screwed into the jack plunger. This prevents corrosion of the piston surface. The hoist must be kept clean, the external moving parts of the hoist must be lubricated regularly.

## **FAULTS AND THEIR RESOLUTION**

### **System venting**

From time to time, air bubbles accumulate in the hydraulic system of the jack. This can reduce the efficiency of the jack. In this case, the hydraulic system of the hoist must be vented.

Position the jack so that the piston is in the vertical position. Open the release valve and remove the oil fill hole cap. Then move the jack pump rapidly several times to force the air out.

Close the release valve and replace the oil filler cap. Check the operation of the jack, repeat the bleeding operations if necessary.

## Oil top-up/lubrication

Position the jack so that the jack plunger is vertical. Lower the pump and plunger to the lower end position. Remove the oil fill hole cap.

Refill only with hydraulic oil of viscosity class SAE 10. It is forbidden to use other fluids for this purpose. Fill the oil up to the lower edge of the oil filler opening.

Bleed the jack. Replace the oil filler cap. Check the jack for functionality. Lubricate joints and other moving parts of the jack at regular intervals. For jacks with extension, be sure to lubricate the threads of the extension bolt regularly.

Specifications						
Model:	M80310	M80320	M80340	M80350	M80360	M80367
Load capacity: (kg)	2000	3000	5000	10 000	20 000	50 000
Min. height (mm)	158	168	195	200	235	285
Cylinder stroke (mm)	90	100	125	125	145	180
Thread setting (mm)	50	50	60	60	60	--
Net weight: (kg)	2,2	2,3	3,3	5,2	9,9	19,7

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## Warranty conditions

In accordance with Act No. 136/2002 Coll., the product purchased by you is guaranteed for a period of 24 months from the date of sale. In the case of purchase of goods used for commercial or business activity, the warranty period is 12 months. The warranty is only provided if the products are used in accordance with the operating instructions and method of use.

All parts subject to natural wear and tear, overloading, use of the product for purposes other than those for which it is intended and defects caused by transport or improper (non-professional) handling are excluded from the warranty. We consider improper handling to be an example where the operating instructions and the generally binding regulations for handling the product have not been observed. Similarly, an attempt at unprofessional repair beyond recommended maintenance is also assessed.

The warranty applies exclusively to defects caused by defects in materials, manufacturing assembly or processing technology.

The right to invoke the guarantee shall be extinguished:

- 1) the product has not been used in accordance with the operating instructions

- 2) any intervention has been made in the design of the machine without the prior written consent of the manufacturer
- 3) the product has been used in other conditions or for purposes other than those for which it is intended
- 4) a part of the product has been replaced by a non-original part
- 5) damage to the product or excessive wear and tear is caused by inadequate maintenance
- 6) damage caused by external mechanical, thermal or chemical influences
- 7) the defects were caused by improper storage or handling of the product
- 8) the product has been used (for the product type) in an aggressive environment e.g. dusty, humid
- 9) the product has been used in excess of the permissible load

The warranty does not cover items that can be expected to wear due to their normal function (e.g. wear on carbons, spark plug, etc.)

Use only recommended accessories and original spare parts to operate the products.

Claims should be made immediately upon discovery of the defect with the dealer who sold you the product and enquire about repair options at an authorised repairer. If the defect you are claiming is not covered by the warranty, you will be invoiced for the work and costs associated with the inspection and assembly and disassembly components.

When making claims, submit a properly completed warranty card or other proof of purchase bearing the date of sale.

Hand in the product for repair in a clean condition, properly cleaned, free of dust or dirt. Send the original accessories with the product for an accurate diagnosis of the fault.

When sending by transport service, pour out the unconsumed fuel and oil from the product. Pack the product properly, preferably in the original packaging, so as not to damage it. Damage caused by inadequate packaging cannot be accepted as a warranty defect!

Only use fuels and oils of the appropriate classification in the engines, or fuels and oils recommended by the branded dealer. Damage caused by the use of unsuitable fuels and oils will not be covered under warranty.