

# Manual



## Trolley Jack RH251/ RH301/ RH501

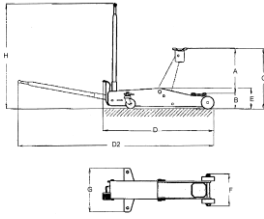


# RODCRAFT→ - WORKSHOP

Very honoured customer!! RODCRAFT for the purchase one of its products thanks you and loads you to reading this manual in. All necessary information for an adequate use of the bought equipment is contained herein: it is advisable thus to read it completely and adhere to the references contained in it. Please keep the manual in such a way that it remains keeping intact. Contents of this manual can be changed without preliminary decision and without further obligations, so that changes and improvements can be already inserted into those envoy copies. Copying or translating of any part of this manual is forbidden without previous written permission of the manufacturer.

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## 1 Technical Datas



Modell	[t]	A [mm]	B [mm]	C [mm]	D [mm]	D2 [mm]	E [mm]	F [mm]	G [mm]	Weight [kg]
RH251	2	402	95	497	975	2105	120	280	380	58
RH 301	3	490	115	605	1320	2440	190	245	315	70
RH 501	5	335	145	680	1420	2560	205	290	360	95

## 2 Responsibility of the owner and/or the user of the equipment

This manual belonged to the scope of supply of the jacking equipment and must accompany this always - also with the sale -. The owner and/or user of the jacking equipment must with the operating instructions trust to be, before the jacking equipment is taken in enterprise. The manufacturer is not responsible for damages to property and person, who are to due to an inadmissible or inappropriate use of the jacking equipment.

## 3 Package

The jacking equipment are supplied to a cardboard box/a wooden box. The packing material must be disposed of after the appropriate national regulation

## 4 Safety references to the use of the jacking equipment.

### 4.1 Important safety information and safety references.

The legal rules for the prevention of accidents as well as the other generally recognized rules in terms of safety and according to industrial medicine and the rules for the prevention of accidents for powered media are to be kept. Each use going beyond it is not considered as intended. For from this resulting damage the manufacturer is not responsible. The manual is a component of the scope of supply and is with resale of the jacking equipment the new owner to be handed over. For the guarantee of a safe enterprise is to be guaranteed, the jacking equipment only by adeptly trained personnel to be served, waited or repaired

Qualified personnel are persons, who due to its training, experience and instruction as well as knowledge of relevant standards, regulations, rules for the prevention of accidents were entitled, which can implement necessary in each case activities and recognize and avoid possible dangers.

The operator has to provide for it that with the enterprise, which read and understood servicing and maintenance as well as the repair assigned persons the manual and they consider in all points, over

- To turn dangers away for life and limb the user and third
- to guarantee the working reliability of the jacking equipment and
- to exclude loss of use and environmental pollutions by wrong handling.

The competencies with the work must be specified and kept clearly, so that under the aspect of security no unclear authority arises.

The mechanical maintenance work is to be accomplished in the prescribed intervals and to the prescribed extent. After maintenance work all dismantled safety devices must be reassembled again professionally. The protection device and their protective effect must be examined before start-up of the equipment by experts.

Disassembly, Shutdown and/or bypass of separating protection device (covers, protections etc.) and/or safety protection device (dead man circuit, overload valve etc.) can cause and become heavy health or material damage therefore strictly forbidden by the manufacturer!!

For the jacking equipment the manufacturer carries out in accordance with warranty the terms of delivery and sales. The warranty claim expires, if

- Damage by inappropriate operation develops,
- Repairs or interferences of for this not authorized persons to be made,
- Accessories and spare parts to be used, with which the jacking equipment are not co-ordinated.

Breakdowns must be announced immediately after recognizing. The jacking equipment must be marked accordingly. Defective ones are to be repaired immediately, in order to keep the extent of the damage small and not to impair the security of the equipment. During disregard the warranty claim expires

**Changes in the sense of technical improvements are reserved the manufacturer.**

## 4.2 General safety references

The jacking equipment are built and are reliable in service delivered after the newest state of the art. Under the function it does not give to be taken off or protected places and parts those can without the function and operability substantially impair. A good personal safety practice of the operator is necessary from there for the own protection and for the protection from damage to the equipment

The jacking equipment may be used and operated only in the context of the conditions specified in the achievement and supply contract. Retrofits, changes or changes of the devices are forbidden in principle. They require in any case the consultation with the manufacturer. If dangers and risks should show up in the enterprise (remainder), which are not described in this manual, the operator is obligated to communicate these to the manufacturer.

## 4.3 Special safety references

- The load which can be lifted may never exceed the capacity of the jacking equipment.
- Ranking under load is forbidden
- The jacking equipment over the max. stroke indicated on the vehicle identification plate do not operate.
- Park the vehicle and/or the load on a sturdy, even, horizontal surface, which can be raised, and secure you the wheels over for movements to exclude.
- Never use the jacking equipment on averse surfaces
- The jacking equipment always in such a way position that its operation is excluded from underneath the vehicle.
- The use of the jacking equipment is only using additional safety stays, as e.g. permits supporting blocks.
- Before the employment of the jacking equipment that no persons are in the vehicle, the emergency brake is to be guaranteed attraction and the engine is switched off.
- Always take the vehicle book to the assistance for the correct points at the vehicle.
- If no points are indicated, then the jacking equipment in the center of the load position. Unkorrektes positioning of the jacking equipment can lead to tilting the load. This can lead to damage of the load and/or the jacking equipment as well as to injuries of the operator.
- Around a movement of the vehicle during the work with the jacking equipment to exclude all appropriate measures must be met.
- The jacking equipment never misused use.
- As additional safety precaution the jacking equipment are equipped with an overload valve, which is factory-installed adjusted. This valve may be **never** adjusted.
- During neglect of these basic rules the operator can injure itself or the load. and/or the jacking equipment to be damaged.

## 5 Start-up

• It opens and controls the packing over to guarantee that the jacking equipment exhibits no transport damages and all parts specified in the transmittal sheet is present. Before the start-up of the jacking equipment a visual inspection must be accomplished, in order to determine leakages, damages, loose or missing parts.

• **Before employment of the jacking equipment it is to be aired out necessarily the hydraulic system. The lever into the admission put and with the screw provided fasten.**

• Subsequently, turn, in this position left and several times pump the lever button in the clockwise direction to a complete stop. Turn afterwards the lever button against the clockwise direction. Now the jacking equipment is operational. All models have a foot pedal that facilitates the lifting operation up to the load. The correct points at the vehicle take you please from the vehicle book.

• Turn the lever button against the clockwise direction for lowering the load slowly. Our jacking equipment are equipped with a safety device, which prevents overloads. After the sinking procedure on the fact always it respects that the lifting arm went back completely.

## 6 Work with the jacking equipment

Jacking equipment is only one lifting device and may for transporting and/or loading a vehicle be never used.

**Ranking under load is forbidden.**

**Use equipment only for the descriptive application, exclude every other use we expressly! ! !**

**For injuries and damage due to inappropriate and misused application and/or from offence against the safety regulations take over we do not result adhesion or a guarantee.**

## 7 Maintenance

All mobile parts must be lubricated in regular time intervals. The jacking equipment always clean and far of aggressive chemicals keep. Jacking equipment in the free one to stand do not leave.

With the oil change and/or - to refill, the cylinder with oil up to the oil inlet screw. Quantities of oil:

Model	RH251	RH301	RH501
Quantity of oil litre	0,45	0,55	0,55

**Importantly: Too much oil can set the jacking equipment out of operation.**

**Use only hydraulic oil,**

**Typ HLP ISO 32.**

**Note: Never use brake fluid.**

**Maintenance as well as repair of the equipment may be accomplished only by the technical personnel.**

## 8 Damaged jacking equipment

All damaged, strongly worn or badly functioning jacking equipment HAVING SET OUT OF OPERATION.

The repair must be implemented of an authorized specialist of the salesman.

## 9 Disposal of the jacking equipment

The jacking equipment must be disposed of in accordance with the legislation of the respective country.