

## WARRANTY CARD

1. KH Trading machines and tools are covered by 6/24 months warranty, starting on the date of purchase, as described in the Civil Code (proof of purchase or invoice receipt must be enclosed with the warranty card when making a claim).
2. This warranty does not cover defects caused by unprofessional handling, machine overloads, not complying with instructions contained in this manual, using accessories that are not approved, unauthorized repair, regular wear and tear and damages occurred during transport. Further, this warranty does not cover parts and accessories such as the motor, carbon brushes, seals and hot-air operated parts and parts that need to be changed regularly.
3. If the repair is to be found as not covered by the warranty policy, all costs including the repair and shipping to and from the repair centre will be paid by the customer, according to valid price list. See www.
4. When making a claim, you must present the warranty card, showing the date of the purchase, the serial number of the machine, vendor stamp and signature of sales clerk, as well as the proof of purchase receipt.
5. Warranty claim shall be made at the vendor shop where you bought your machine or you may mail it to a service centre. The vendor is obligated to fill out the warranty card (date of sale, serial number, vendor stamp and signature). All these information must be filled in at the time of sale.
6. The warranty period will be extended for the period of time for which the machine has been in the service centre possession. If the repair or defect is not covered by the warranty policy, all costs including the repair and shipping will be paid by the owner of the machine / tool. We recommend sending the machine in its original packaging. Please, also enclose brief description of the defect with the packaging.
7. Before sending the machine for repair, clean it thoroughly. If the received machine is dirty, it may be rejected by the service shop or you may be charged a cleaning fee.

### SERVICE

**Logistic centre Klecany**

**Topolová 483**

**250 67 Klecany**

**Czech Republic**

Claim department phone number: 266 190 156

T-mobile: 603 414 975

266 190 111

O2: 601 218 255

Fax:

260 190 100

Vodafone: 608 227 255

<http://www.KHnet.cz>

Email: [servis@KHnet.cz](mailto:servis@KHnet.cz)

Product: <b>HYDRAULIC LIFT HJ-2/800</b>	
Type: <b>HJ800</b>	Serial number (product series):
Date of manufacture:	Repair centre notes:
Date of sale, stamp, signature:	

**Without the correctly filled warranty card or without proof of purchase receipt, including the product type (invoice, purchase receipt) no warranty claim will be processed.**

**uni-max**

## USER'S MANUAL

# HYDRAULIC LIFT HJ-2/800



# HJ800

Dear customer. Thank you for purchasing equipment from KH Trading, s.r.o.  
Our company is ready to offer you our services - before, during and after you buy our product.  
If you have any question, comment or idea, please contact our business centre. We will do our best to address your comment or question in timely matter.

**Before first use, please read this manual carefully. It is your responsibility to study all instructions, necessary for safe use and operation and to understand all risks that may be involved during the use of power machines.**

**WARNING!** Do not try to use this machine before reading this entire manual and before you know how to handle it. Keep this manual for future reference. Pay special attention to safety instructions. Not complying with safety rules may cause injury to the operating person or to people standing by or it may cause damage to the machine or to the work piece. Pay special attention to safety notes and safety labels on the machine. Never remove or damage them.

Please, write information such as the invoice number and the number of the sale receipt here in this box.

## DESCRIPTION

Massive construction, convenient extended lift body, with which you are even able to get under worse accessible places.

The long rod serves for safer and more comfortable lift handling, pedal in the lower part of the lever is for lifting by foot pumping.

## TECHNICAL SPECIFICATIONS

Maximum load	.2 t
Lift height	.660 mm
Maximum height	.800 mm
Minimum height	.140 mm
Packaging dimensions (l × w × h)	.1,250 × 470 × 210
Net weight	.58 kg
Gross weight	.65 kg

The accuracy of instructions, graphs and information contained herein, depends on the printing date. Due to continuous product improvement, the manufacturer reserves the right to change technical parameters of the product, without prior customer notification.



- Do not expose to extremely high temperature or direct sunlight.
- This machine is not designed for use in humid environments or under water.
- if you are not using your machine, store it in a dry and safe place, out of reach of children.
- Before use make sure that all safety elements work correctly and efficiently. Make sure all moving parts are in good condition.
- Before use make sure that no part is cracked or stuck, Make sure all parts are attached and assembled as designed. Beware of all other conditions that may have a negative effect on the proper functioning of your device.
- If not stated otherwise in this manual, all damaged parts and safety elements must be repaired or changed.



#### **Lifting equipment**

- Lift only objects with maximum weight allowed or less.
- Keep your hands away from moving parts of the machine.
- Release or lower the object slowly. Beware of sudden stops or sudden quick release.
- Your machine has been designed for use on solid, smooth and even surfaces.
- Before lifting any object, make sure that the cart is secured against movement.
- Use caution during object lowering. You may get injured during lowering the load.



#### **Vehicle service centre accessories and equipment**

- Before performing any repair, secure the vehicle against movement.



#### **Hydraulic equipment**

- Small escape trace of hydraulic fluid from the hydraulic pump and from other hydraulic equipment is usual phenomenon and it is not considered as defect. If there is a shortage of hydraulic fluid it must be refilled regularly.
- Before uncoupling compressed air piping or hose, wait until the pressure equalizes.
- Before starting your work, inspect all couplings and piping for leakage. If leak is found repair it immediately.
- Never try to lift more than the maximum allowed weight. Do not try to extend the piston bar using excessive force. It may come out of the cylinder completely.
- Keep your tools far away from heat sources and fire to prevent damages to your tools.
- Hydraulic fluid spill on floor creates danger of slipping and risk of personal injuries. If you discover a spill, have it cleaned immediately. Use appropriate cleaning wool or absorbing substances. In accordance with the rules of waste law management, absorbing substances or wool must be properly stored in an enclosed metal container and delivered to an authorized waste collection centre.
- Do not mix different hydraulic fluids together (e.g. from different manufactures).
- Follow the hydraulic fluid change deadlines.
- Make sure that you are using clean hydraulic fluids. Dirt in the fluids significantly lowers the lifespan of the fluid and may cause irreversible damages to your machine.
- Use protective covers and blind flanges to prevent impurities from entering into the device.



#### **Power machines**

- Before initiating maintenance work with the use of hydraulic machines, gradually decrease the work pressure to atmospheric.
- Should the machine contain compressed springs, always insure its gradual and safe release with the aid of an appropriate preparation.

## LIST OF PARTS

No.	Description	Number of pieces	No.	Description	Number of pieces
1	Wired fuse	1	41	Pedal clutch	1
2	Washer	2	42	Screw M8×55	1
3	O ring	1	43	Pedal rod	1
4	Piston	1	44	Stud	1
5	RING	1	45	Stud	2
6	Sealing washer	1	46	Stud	6
7	O ring	1	47	Spring washer	12
8	Safety ring	1	48	Nut	12
9	Wired fuse	1	49	Stud	6
10	Cylinder	1	50	Wired fuse	1
11	Cabinet	1	51	Nut M16×1,25	2
12	Oil change input stopper	1	52	Rear wheel	2
13	Cylinder base	1	53	Nut M16×1,5	2
14	Steel ball 4 mm diameter	1	54	Spring washer 18 mm	2
15	Spring washer	1	55	Connecting spindle	1
16	Spring	1	56	Body	2
17	Safety valve	1	57	Nut M16×1,5	2
18	Sealing washer	1	58	Washer	2
19	Safety valve screw	1	59	Friction casing	2
20	Steel ball 6 mm diameter	3	60	Front wheel	2
21	O ring	1	61	Front wheel spindle	1
22	Bypass valve rod	1	62	Saddle bed	1
23	Washer	1	63	Stud	1
24	Valve	1	64	Rod	2
25	Washer	1	65	Arm	1
26	Pump cylinder	1	66	Stud	1
27	Y ring	1	67	Seat	1
28	O ring	1	68	Stud	1
29	Duster	1	69	Spring	2
30	Pump piston	1	70	Cover	1
31	Stud	2	71	Handle	2
32	Washer	2	72	Handle spindle	1
33	Torque spring	2	73	Rotational lever button	1
34	Bolt M10	1	74	Stud	1
35	Lever bracket	1	75	Connecting rod	1
36	Screw M8×50	1			
37	Washer	10			
38	Foot pedal	1			
39	Safety bolt M10	1			
40	Spring washer	1			



### Safety regulations for hydraulic lift HJ800

- The lift is designed for lifting (cars, trailers etc.). When lifting, the lifted load must not be occupied by persons.
- The lifted load must be properly secured against unwanted movement (with the help of chock etc.).
- It is forbidden to work below the load, which is found on the lift! Always secure the load with sufficient support.
- Make sure the load does not exceed the permitted maximum load of the lift. Danger of damage to the lift and load.
- Only use the lift on a solid and flat surface.
- Pay careful attention to balancing the load.
- Check the oil status!
- The hydraulic lift serves for common lifting of loads (cars etc.).
- The lift is equipped with wheels to facilitate manipulation. The lift should not be used in any case for manipulation with loads.

## ASSEMBLY

- Before throwing the packaging material out, make sure no part is left inside. If so, take it out and install it. Use the part listing for check-up and the installation drawing for guidance.
- Pedal clutch **(41)** has already been mounted to the lift body, to connect the foot pedal **(38)** use nut **(39)**, washer **(40)**, and screw **(42)**. Mount the pedal clutch and foot pedal and tighten.
- Lever **(72)** must be inserted in lever bracket **(35)**. Before doing it, loosen washer **(34)** and screw **(36)** under the lever opening to facilitate insertion. Once the lever has been inserted, tighten.

## OPERATION

### Aerating

- During preparation and lifting, air can enter the hydraulic system and it is not possible to use the full lift height.
- Before first use, loosen aerating valve **(73)** by turning it counter-clockwise.
- Place the load on the lift.
- Press the lift foot lever several times briefly and then close the aerating valve.

### Lifting the load

- Place the lift into the body place, which are specified by the vehicle manufacturer for lifting.
- Turn lever button **(73)** clockwise and close the aerating valve by gently tightening it. Only use relative strength. Do not tighten completely!
- Place the lift correctly under the lifted object. Make sure the lifted object is supported steadily and as close as possible to the gravitational centre. This will restrict the lifts chance of slippage.
- Raise the lift by pumping the foot pedal until the required height is achieved. Once lifted, support the object with stable supports.

### Releasing the load

- Slowly turn lever button **(73)** counter clockwise. The release speed is given by the rotation of lever button **(73)**.

## MAINTENANCE

### Oil check

- Open the aerating valve (turning button **(73)** counter clockwise) and press the piston into the lowest position possible.
- Open the oil input stopper **(12)**.
- Fill with clean hydraulic oil, do not use break fluid.
- Close the oil input stopper **(12)**.

### Lubrication

Lubricate working surfaces with appropriate grease regularly.

## DISPOSAL



- Used hydraulic fluids must be disposed off in accordance with the Law of waste disposal management.

When the operational life of your device is over, dispose off it in accordance with valid rules and regulations. Your product is made of metal and plastic parts that may be recycled when separated.

1. Disassemble all parts.
2. Separate all parts according to the material they are made of (e.g. metals, rubber, plastics, etc.).  
Take the separated parts to the recycling facility near you for further processing.

Information about the locations of recycling centres may be found at your local City office or throughout an Internet search.

## CAUTION

If the machine breaks down, send it back to the vendor for quick repair.

Please, enclose brief description of the defect. That makes repair easier. If the machine is still covered by warranty, enclose the warranty card and proof of purchase receipt. After the warranty period expires, we repair your machine for a special price.

To prevent possible damages during shipping, packed the machine carefully or use the original packaging material. We are not liable for shipping damages due to incorrect packaging of your machine. If making a claim at the shipping company the level and method of packaging plays a major role during claim evaluation process.

**Note:** Pictures and contents in this manual may slightly differ from the actual product or accessories. It is due to continuous improvement of our products. Such small differences have no effect on the product functionality

## PART DRAWING

