Instruction Manual

Hydraulic Motorcycle Lift





Note: Owner/Operator must read and understand this instruction manual before using the Hydraulic Motorcycle Lift.

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1. Instruction

This instruction manual contains all the instructions for the use of the machine and the necessary knowledge for its correct use. Please read and completely understand this manual before operating the Hydraulic Motorcycle Lift. Always keep this manual at an appropriate place. If the manual or warning decal is missing, please contact with the dealer.

While thanking you for buying our product we would like to draw your attention to some important aspects of this manual.

All the information contained in this instruction manual is based on the data available at the time of printing; the manufacturer reserves the right to modify its products at any time, without notice and without liability.

2. Specification

Model	MC 500	TC 500	TC 150
Max. Capacity (Kg)	500	500	150
Max. Height (Mm)	770	800	?
Min. Height (Mm)	170	170	?
Platform Size (Mm)	2200X700	2200X700	1400X470
Net Weight (Kg)	193	235	100

3. Safety Instruction



WARNING: If operating the improperly, person maybe injured. Therefore, operate properly according to the following instruction.

- ◇ Read & thoroughly understand the Instruction Manual completely before using. Follow all safety instructions strictly.
- ◇ It is necessary to check all safety devices before operation.
- ◇ Make sure that there are no obstacles in the working area.
- ◇ Do not put foot or hand in scissors mechanism or through frame.
- ◇ Screw the lifting eyes on the base frame before working on the lift
- ◇ Do not overload the lift. Load should be distributed on the table according to relevant load distribution chart.
- ◇ Connect the accessories to the lifting table according to the drawing. Connecting screws must be tightened.
- ◇ Make sure that local alternating voltage and frequency is consistent in the rated input of lift.
- ◇ Use the lift on flat and solid ground.
- ◇ All of the connection and halt of power supply must be operated by trained personnel.
- ◇ While operating, it is forbidden to touch the moving parts of the lift.
- ◇ While the lift lifting or lowering, it is forbidden to adjust or to move the load.
- ◇ It is forbidden to lift the load, which perhaps will do harm to a person or other object.
- ◇ It is forbidden to operate the lift while a person is under the table.
- ◇ Do not adjust the safety valve of hydraulic power pack.
- ◇ It is forbidden to operate the lift even if there is small structure distortion.

◇ Do not use it in an explosive or flammable place.
◇ The lift is for the purpose of motorbike maintenance only. Do not use it for other purpose.
◇ Do not allow a person to operate the lift, who does not understand its operation.
◇ It is forbidden to change the lift without manufacturer's written admission.
◇ It is necessary to use the spare parts designated by manufacturer.
◇ Make sure to keep a distance between the table and ambient objects enough to operate the lift safely.
◇ Keep the hydraulic system under clean and safe condition.
◇ Hydraulic power pack is known as its trait that controlled by low voltage. The error of provided voltage should not excess ±10% to the rated voltage.
◇ Always do maintenance and routine check while the lift is unloaded.
◇ The lift is not waterproof and should be used in a dry environment.

4. Inspection Before Use



WARNING: Do not use the lift if any malfunction or fault is found.

◇ Check all the terms of WARNING and CAUTION.
◇ Check the scratch, bending or crack on the lift.
◇ Check smooth movement of the table.
◇ Check if there is any hydraulic oil leakage.
◇ Check the vertical creep of the table.
◇ Check if all the bolts and nuts are firmly tightened.

5. Operate the Lift



WARNIING: Do not overload the lift. Ensure the balance of loading. Do not load partially or concentrically.

5.1 Loading a Motorbike

◇ Passing through the guiding plate, the motorbike shall be placed stable and reliable.

◇ Lock the front wheel of the motorbike with special accessory.

5.2 Lifting the Lift

◇ Step the “up” pedal by foot to lift the platform to a proper level.

◇ Plug the safety lever into safety hole and assure the security.

◇ During the maintenance, to prevent the motorbike from tilting over, no severe motion should occur.

5.3 Lowering the Lift

◇ Do not stretch your hands or feet under the scissor.

◇ Pull out the safety lever and fix it in original position.

NOTE: If the safety lever can’t be pulled out, step the “UP” pedal a little and it will be pulled out.

◇ Step the “DOWN” pedal by foot, the platform will lower down.

6. Maintenance

◇ Before maintenance, lift the platform to proper level and insert the safety level.

◇ Do routine check of fasteners, packing and oil leaking.

◇ Do routine check of the function of the lift.

◇ Before maintaining the lift, make sure to turn off the AC

◇ power supply.
◇ It is necessary to check the function of the lift again after the maintenance.
◇ ONLY a qualified personnel can do service work.
◇ Do routine check of the micro-switches on the safety guard.
◇ Do routine check of hydraulic system by listen the noise of hydraulic system and contact the surface of electromotor.

NOTE: Be sure to cut off the power before contact the electromotor.

◇ After a long time service, pay attention to replace the hydraulic oil.
◇ Appropriate lubrication is necessary to make the lift work easily and have a prolonged service life.

