

LT0101(124-5-1) - LT0102 (124-5-2) - LT0103 (124-5-3) - LT0104
(124-5-4)

CABLE DRUM LIFTING TRAVERSE USER MANUAL



“Read and understand all instructions and safety information
in this manual before operating or servicing this tool.”

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1.GENERAL INFORMATION AND INSTRUCTIONS

1.1. MANUFACTURER

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Please specify model number, serial number and year of production while requesting information about our products. You can find more info in the section "Product Description and Areas of Usage"

1.2. PRODUCT DESCRIPTION AND AREAS OF USAGE

Cable drum lifting traverse consist of two lifting columns, one bearing drum shaft, two drum fixing clamps and two drum fixing cones. This tool use to lift hydraulically different kind of drums(cable,rope, rubber etc).

1.3. WORKING QUALITY

Table 1

Product Code	124-5-1	124-5-2	124-5-3	124-5-4
Loading capacity (kg/a couple)	6000	8000	10.000	12.000
Max loading width (mm)	1800	1800	1800	2500
Max loading diameter (mm)	3000	3000	3000	3500
Weight (kg)	80	90	110	130



WARNING! Do not use this tool to lift drums for which exceed the capacity!

1.4 GENERAL INSTRUCTIONS

- a. Only qualified personnel must use the tool. A personnel who has been trained by the user corporation or trained by the manufacturer company is defined as qualified personnel.
- b. TEMHA Makine provides training on it's own facilities if requested. Users who chose not to be trained by TEMHA Makine acknowledges the reponsibility against any problems due to using errors and mistakes beforehand.
- c. Tool can only be used to complete tasks which it has been designed to do or the manufacturer company allowed to do.
- d. Tool should not be used by untrained or unauthorized personnel.
- e. Please contact the manufacturer in case of any unclarities about using, applying maintenance or any other topic.

1.5 GENERAL INSTRUCTIONS FOR THE OPERATOR OF THE CABLE DRUM LIFTING TRAVERSE

- a. The operator of tool has the responsibility of following all work safety rules of the country in which they operate the machine.
- b. Operators must wear suitable clothes for the job. All necessary precautions must be taken against the loose clothes, necklaces, hoodie wears, unbraded hairs etc. being stuck in moving parts.
- c. Using necessary safet equipments such as work-boots, gloves, barret etc. is the operators responsibility.
- d. Operator should never try to fix or change anything on tool which is not under their authorization.
- e. Operator must strictly comply with all the danger and warning signs which are on the tool and defined in this user manual.
- f. The working are must be cleaned off any unnecessary objects. The area must be checked and cleaned off any liquid residues and thin planar objects like paper, stretch wrap etc.
- g. Fixtures and anchorages which are necessary for the operation of machines must be done properly, tight, safe and as decribed in this manual.

1.6 GENERAL INSTRUCTIONS FOR THE MAINTENANCE OPERATOR OF THE CABLE DRUM LIFTING TRAVERSE

- a. Any mechanical adjustments, assemblies and repairs on the tool during a lifting operation is absolutely forbidden.
- b. All maintenance operations must be conducted on a plane surface and in a suitable area. Make sure the tool is not under any load before starting any maintenance operation
- c. Every maintenance operation must be conducted by trained and/or authorized personnel only. A personnel who has been trained by the user corporation or trained by the manufacturer company is defined as qualified personnel.
- d. Maintenance operators must wear suitable clothes for the job. All necessary precautions must be taken against the loose clothes, necklaces, hoodie wears, unbraded hairs etc. being stuck in moving parts.
- e. Maintenance operators have the responsibility of wearing all the necessary safety equipments such as work gloves, barret and work-boots.

1.7. INFORMATION AND INSTRUCTIONS ABOUT THIS USER MANUAL

- a. Every instruction, warning and information stated in this user manual is for all operators, maintenance operators and field supervisor.
- b. This manual must be read by all operators, maintenance operators and field supervisor before operating the hydraulic drum jacks.
- c. It is field supervisor's responsibility that every warning and instruction on this manual is followed properly by both operators and maintenance operators. Field operator also has the responsibility to make sure every instruction on this manual is applicable.
- d. This manual must be preserved during the machine's life time. All necessary measures should be taken to make this manual is within reach of every operator.
- e. Preserve this document in a dry and protect from environmental conditions.

1.8. MANUFACTURER'S RESPONSIBILITY

Cable drum lifting traverse is designed and manufactured for the sole purpose of only lifting drums (Not winding or unwinding the drum). It is forbidden to use it for other purposes, including purposes which are not stated in this manual.

Responsibility of possible injuries and accidents which might happen due to not following instructions stated in this manual, not using proper safety gear such as barrets, work-boots, gloves etc. or using the machine outside of it's purpose or using the machine wrong belongs to the user.

Manufacturer won't take any responsibility for possible inconveniences should any of the following occur:

- a. Making modifications on the machine without manufacturers written permission and approval.
- b. Using the machine outside of it's sole purpose,
- c. Not using original replacement parts,
- d. Wrong application of maintenance operation,
- e. Augmenting the machine with equipments which are not produced by manufacturer or equipments which are not approved by manufacturer in written,
- f. Not taking personal, general or technical safety precautions,
- g. Not following the instructions stated in this manual properly.

2. TRANSPORTATION, PLACEMENT AND INSTALLATION

2.1. LIFTING AND TRANSPORTING THE TRAVERSE

- a. Although the equipment consists of multiple parts, its parts are a single unit, except for the lifting hook and steel pipe.
- b. Packaging and shipping of the equipment is done as a single installed product.
- c. Packing process;
 - Steel rope lay down parallel to traverse
 - Chain wraps around steel rope and traverse
 - Use a kind of packing material to fix items.
- d. You can reach weight information of traverse from user manual product specification title.
- e. Equipment may be heavier than one person can carry. One-person lifting without the aid of a tool can cause injury and equipment damage.

2.2. TRANSPORTATION

- a. All necessary measures should be taken against colliding and tumbling to prevent equipment from damaging during sea and land transportation.
- b. The packaging materials are generally wood based materials, steel screws and nails, cardboard, paper and multi layered cling wrap



Not following the warnings above will not only create dangerous situations and risk safety, but also can damage to the machine in a way that warranty is canceled

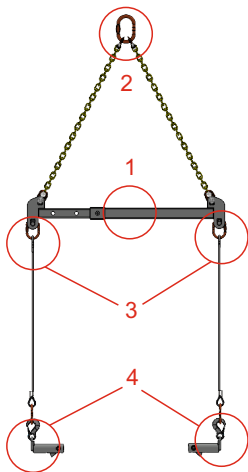
2.3. UNPACKING

- a. Please check the integrity and general situation of the package as soon as the machine is delivered. Photograph any imperfections that might have happened during transportation and contact cargo company and the manufacturer.
- b. Please make sure the product you have been delivered is the model you ordered. If there is any inconvenience please contact the manufacturer.

2.4. ENVIRONMENTAL FACTORS

The machine is suitable for operation in all environmental conditions.

Figure - 1



3. OPERATING INSTRUCTIONS

3.1 PARTS OF EQUIPMENT (Figure -1)

1. Length adjustable traverse
2. Chain sling
3. Wire rope sling (2 pcs)
4. Hook shaft with drum lock (2 pcs)(Locking reel hook)

3.2 OPERATING THE EQUIPMENT-LIFTING DRUM

- a. The hook of the winch is attached to the chain sling ring, as shown in (Figure -1)
- b. After the equipment is raised 1.5 meters from the ground, the width adjustment is made through the holes on the beam according to the width of the cable reel to be lifted. (Figure -2)
 - There are slots on the beam for width adjustment.
 - In order to extend the beam adjustment, first the spring pin on the pin attached to the slot is removed.
 - Then the pin is removed and after the desired width is adjusted, the pin is inserted into the slot again.
 - The spring pin is attached again on the inserted pin and the spring pin attached to the pin is prevented from coming out.
- c. The locking reel hook is inserted into the reel hole. (Figure -4)
- d. The reel is lifted in a controlled manner.



! CAUTION! Only one reel can be lifted at a time.

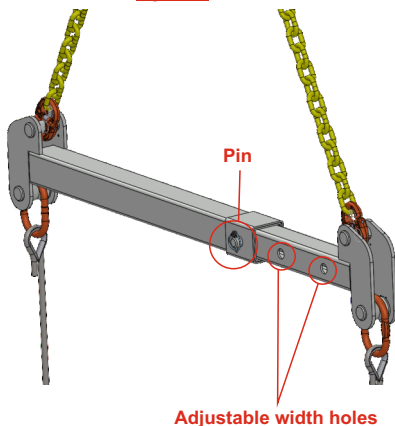


! CAUTION! Confirm that your crane has sufficient capacity before lifting the load.

Table 2

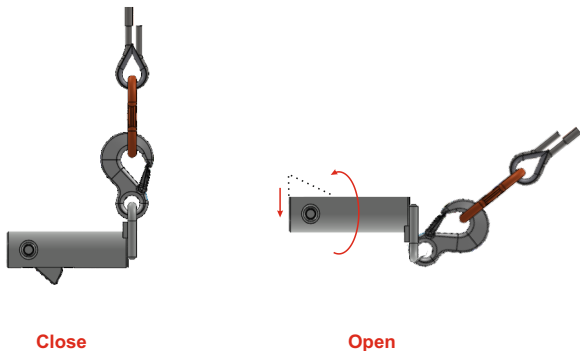
Product Code	124-5-1	124-5-2	124-5-3	124-5-4
Manufactures code	LT.0101	LT.0102	LT.0103	LT.0104
Payload (kg/pair)	6000	8000	10000	12000
Max.Drum width (mm)	1800	1800	1800	2500
Max.Drum diameter (mm)	3000	3000	3000	3500
Lifting peg diameter (mm)	75	75	85	85
Weight(kg)	80	90	110	130

Figure - 2



! Make sure that no one is near the reel and equipment during operation. Dislocation or breakage may cause injury.

Figure-3



! CAUTION! The drum should be transported as close to the ground as possible. Crossing the distance between the points to be transported close to the ground will prevent injuries in possible accidents.



! CAUTION! The cable drum lifting traverse must be serviced when it is not under load.

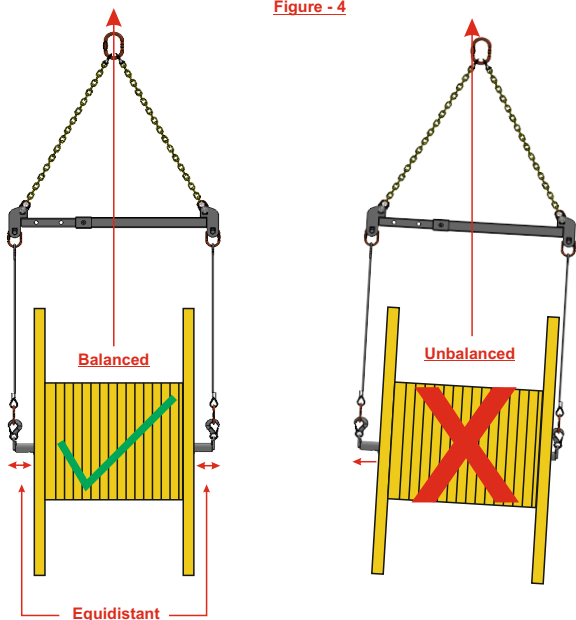


! CAUTION! Cable drum lifting traverses are not designed for continuous load handling. After the use of the equipment is over, the load on it should be unloaded.



! CAUTION! The cable drum lifting traverse is used for only lifting the drum should not be used for winding and unwinding operations.

Figure - 4



3.3 MOVE DOWN AND RELEASING THE DRUM

- The cable reel is lowered to the ground and the tension in the ropes is relieved.
- The locking reel hook turn up to take out from drum hole.
- Once the tongue has fallen in, it can now be removed from the reel.
- To remove the equipment from the hook of the crane, the product must be in contact with the ground up to the traverse.
- With the contact of the traverse part with the ground, most of the weight of the product will be transferred to the ground. The hook of the crane is removed from the chain sling.

4. SAFETY MEASURE

4.1 SAFETY MEASURES DURING OPERATION

- a. Operator has to wear safety gears like protective gloves, barret and safety goggles during winding and unwinding operation. Making sure these equipments are being used properly is field supervisor's responsibility.
- b. All fastening points should be checked before operating.
- c. During the lifting process all personnel should stay at least 5 meters away from the equipment projection.



! Chains and ropes should be checked frequently as there may be local wear or damage.

5. MAINTENANCE AND PERIODIC CONTROLS

5.1 DAILY CONTROLS

The tool should be controlled mechanically by eye before each use.

If deformations such as cracks or fractures have occurred on any of the parts, the equipment should never be used.

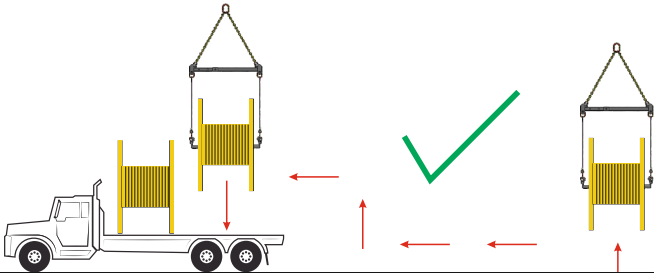
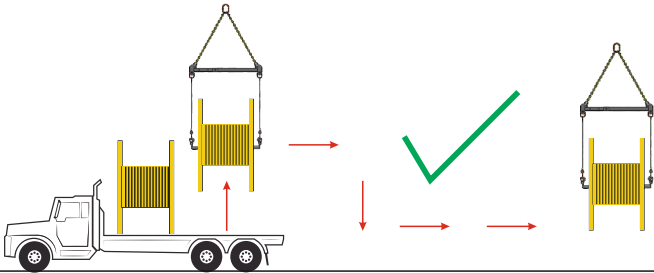
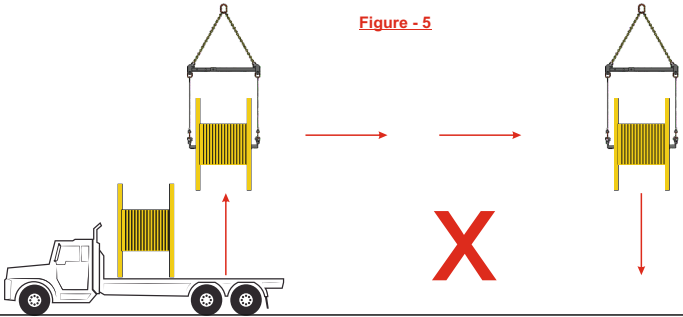
Damaged parts must be replaced with the original.

5.2 SPARE PARTS AND AFTER-SALE SUPPORT

The manufacturer will supply the following parts after sale:

1. Length adjustable traverse
2. Chain sling
3. Wire rope sling
4. Hook shaft with drum lock(Locking reel hook)
5. Fixing(Lock) pin with spring pin.

Figure - 5



BENART Uluslararası Teknik Kontrol ve Belgelendirme Ltd. Şti.

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Adres Address	: SARAY MH. 151. CD. 1443. SK. NO:9 KAHRAMANKAZAN / ANKARA / TÜRKİYE
Ürün Tanımı Product Description	: MAKARA KALDIRICI KİRİŞLER PULLEY LIFT BEAMS
Ürün Markası/Tipi Product Brand/Type	: TEMHA/LT.0101, LT.0102, LT.0103, LT.0104, LT.0105, LT.0106, LT.0107, LT.0108, LT.0109
Referans Yönetmelik(ler) Reference Directive(s)	: 2006/42/AT Makine Emniyet Yönetmeliği Ek-1 2006/42/EC Machinery Safety Directive Annex-1
Referans Standart(lar) Reference Standard(s)	: EN 13155:2020, EN ISO 12100:2010
Test Raporu Test Report	: Benart Uluslararası Teknik Kontrol Ve Belgelendirme Ltd.Şti. : ME.MR-783
Sertifika No Certificate No	: 430
Yayın Tarihi Issue Date	: 16.11.2022
Geçerlilik Tarihi Expiry Date	: 15.11.2023

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