

USE AND MAINTENANCE INSTRUCTION MANUAL



CABLE DRUM STANDS TYPE VOLTA 1600

Modell **TYPE VOLTA 1600**

Year of manufacture **2016**

Customer

Customer / Importer

Purchasing order

Sales order

Delivery date

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IMPORTANT - READ CAREFULLY BEFORE COMMISSIONING

This machine meets the CE 98/37/CE Directive, which replaces the 89/392/CEE and subsequent integrations, and the UNI EN 292-1, UNI EN 292-2 and UNI EN 294 Standards.

The manufacturer declines all responsibility due to negligence and failure to comply with the rules described in this booklet; furthermore, it declines all responsibility for direct and / or indirect damages caused by improper use of the lifter.

1) GENERAL DESCRIPTION – OPERATOR SAFETY

DRUM LIFTERS VOLTA 1600

The pair of Lifters Type Volta 1600 is the indispensable tool for electrical installers. It is specifically indicated for the lifting and unwinding of reels on construction sites or industrial environments. The fundamental characteristics are great resistance and extreme manoeuvrability. It is made of steel section. The handling is rapid, resulting in a reduction in the time and costs of the installation.

The screw lifters Type Volta 1600 have been designed and supplied in pairs for lifting drums with a maximum diameter of 1800 mm and weight 1600 kg.

The pair is equipped with a drum holding shaft with turned terminal and the shaft holding heads are equipped of self-lubricating resin bushing bearing and the lifting happen by an endless screw.

Operation is simple, however general measures are necessary for the proper execution of the operations (see paragraphs 2 and 3 "Instructions for use" and "Recommendations").

DIMENSIONS: 890x690x1600 mm

WEIGHT: 45 kg



In accordance with the provisions of EEC Directive 98/37/EC, screw lifters have been manufactured with particular care for the safety of the operator and other persons who may be present during operation (Standards UNI EN 292-1, UNI EN 292-2 and UNI EN-294). The operator, from his operating position, is able to monitor both the success of the cable unwinding operations and that nothing interferes with the lifter while it is in operation.

In particular, the safety of the operator is guaranteed by the following measures on the basis of which the lifter is built. These measures are described below.

- ! The support heads of the drum holding shaft are shaped to hold the shaft itself;
- ! The lift is completely manual: once the height of the supports has been chosen, the lifting of the reel is obtained by screwing the screws with the appropriate handle;
- ! There must only be one person to operate the lift;
- ! The lifters may only be moved when the drum is unloaded;

2) INSTRUCTIONS FOR COMMISSIONING AND DAILY USE

Read carefully and familiarize yourself with the machine before use

A) INSTRUCTIONS FOR USE

- 1) Prepare the lifters, drum and shaft (supplied)
- 2) Insert the shaft inside the drum making sure that the ends come out in equal parts on both sides
- 3) Bring the lifters closer to the reel and bring the shaft to the supports and adjust the distance between the two lifters
- 4) Use the screws to lift up to the point where the shaft holding heads come into contact with the shaft, ensuring that the support is correct.
- 5) Use the screws to bring the drum to the minimum desired height without exceeding it and place the shaft on a level surface.

3) RECOMMENDATIONS

The lifters must be unpacked carefully to avoid loss of operating parts.

The lifters has been designed and manufactured with particular regard to the safety of the operator and working operations in mind. As far as possible, every effort has been made to ensure not only its functionality but also its safety. However, it is always necessary to provide the user with a series of recommendations, following which it will be possible to avoid risk situations.



- ! The screw lifters type Volta 1600 have been realized for the lifting of drums with a maximum diameter of 1800 mm and weight 1600 kg. Any other use is improper and can cause problems.
- ! Respect the load limits.
- ! It is advisable to take the utmost care that, while the lifter is in motion, nobody approaches the rotating drum wearing fluttering clothing (gowns, ties, etc ...) [See "Recommendations"]. The operator, from his operating position, is able to enforce this recommendation.

- ! Make sure that the position and locking of the reel holder shaft are correctly performed before proceeding with the lifting operations.
- ! Position the lifters in such a way as not to cause damage to persons in the vicinity. In any case, it is the responsibility of the operator to monitor what is happening near the machine.
- ! Lifters must always be moved with unloaded coil.
- ! It is mandatory, always, the use of protective gloves by the operator, in addition to protective footwear.
- ! Strictly follow the instructions and recommendations in this manual

4) MAINTENANCE

Lifters are designed and built to require minimum maintenance. The following are recommendations for good conservation. Maintenance operations are simple and can also be carried out by non-specialist personnel.

- ! Check periodically that the supports, shaft and lifting screws are in good condition;
- ! Grease moving parts periodically. The frequency of this operation obviously depends on the use;
- ! Do not leave the lifters exposed to the weather.

5) TROUBLESHOOTING AND SOLUTIONS

Lifters, if used according to the instructions in this manual, will be very difficult to fault. In any case, in the event of a malfunction, contact the manufacturer.

6) SPARE PARTS

The lifters consist of a pair of supporting structures equipped with screws with levers and appropriate support heads, a drum-holding shaft and other small spare parts.

If the machine is damaged, it is advisable to contact the manufacturer, who will examine the machine and draw up an estimate.

Volta Macchine Srl

