

Camlok®

CABLE DRUM LUG WITH LOCKING LEVER



DL5 CABLE DRUM LUG

WLL 5000 KG (PER PAIR)

EN- OPERATING MANUAL

(ALSO APPLICABLE FOR SPECIAL VERSIONS)

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Introduction

Products of Columbus McKinnon Corporation Limited have been built in accordance with the state-of-the-art and generally accepted engineering standards. Nonetheless, incorrect handling when using the products may cause dangers to life and limb of the user or third parties and/or damage to the hoist or other property.

The operating company is responsible for the proper and professional instruction of the operating personnel. For this purpose, all operators must read these operating instructions carefully prior to the initial operation.

These operating instructions are intended to acquaint the user with the product and enable him to use it to the full extent of its intended capabilities. The operating instructions contain important information on how to operate the product in a safe, correct and economic way. Acting in accordance with these instructions helps to avoid dangers, reduce repair costs and downtimes and to increase the reliability and lifetime of the product. The operating instructions must always be available at the place where the product is operated. Apart from the operating instructions and the accident prevention act valid for the respective country and area where the product is used, the commonly accepted regulations for safe and professional work must also be adhered to.

The personnel responsible for operation, maintenance or repair of the product must read, understand and follow these operating instructions.

The indicated protective measures will only provide the necessary safety, if the product is operated correctly and installed and/or maintained according to the instructions. The operating company is committed to ensure safe and trouble-free operation of the product.

DL5 Cable drum lug

Model	WLL kg	Hole size mm	Weight kg
DL5	5000	82 x 85	11

Table 1

General Safety

- ⚠ ALWAYS wear practical, protective clothing, gloves and footwear as a minimum.
- ⚠ ALWAYS bear in mind your safety and the safety of others while using this equipment.
- ⚠ DO NOT operate this equipment, if you feel ill, tired or are under the influence of alcohol or drugs.
- ⚠ This equipment MUST NOT be used to carry or lift personnel.

General Safety

ALWAYS check the operation of your Camlok lifting clamp before use.

ALWAYS place the palm of the hand on top of the load.

ALWAYS stand clear when lifting or lowering.

ALWAYS keep a record of inspections and repairs.

ALWAYS transport the load as close to the floor as possible.

NEVER use a worn or damaged Camlok lifting clamp.

NEVER lift more than one plate/product at a time.

NEVER leave a suspended load unattended or place a plate down on edge for a long period of time.

NEVER exceed the maximum working load limit

NEVER lower fast, **ALWAYS** lift and lower gently.

NEVER stand under a suspended load and if guiding a load by hand, **NEVER** grip the load with fingers on the underside.

NEVER pull or push the load where the crane cannot reach

NEVER force the locking lever.

Product Overview

Specifically designed for the transport of cable drums, these clamps are used in pairs together with a two-legged chain sling. By the spreading of the clamp, it locks inside the drum. The clamps can be held in place by a locking lever. Easy handling, light-weight design, and the size of the clamp contribute to the safe transport of all types of cable drums.

Fitting:

- Release the latching device on the completely unloaded cable drum clamp by turning the locking pin through 180°
- The open clamp can then be inserted through the center hole of the cable drum to be transported until reaching the stop.
- When the clamp is closed, the latching pin must be heard to click into place.
- Proceed in the same way on the other side of the cable drum with the second cable drum clamp.
- Check the weight limit and ensure the lifting sling is slack.
- Take care not to damage the lifting surfaces.
- Check chain sling for twisting.

Lifting & Transport:

- Never exceed the maximum working load limit or pick up loads weighing less than the minimum working load limit as marked on each clamp.
- Check position and fitting of the clamp as weight is applied

Lifting & Transport:

- Check for obstacles prior to suspend. Always suspend slowly and smoothly.
- Suspension slings must be vertical at all times.
- Always keep clear of the area below and surrounding the load while suspending as the plate may kick or swing as it reaches the floor.
- Minimise the danger area by moving the load as close to the ground as possible.
- Take precautions to stop the load from swinging.

Release:

- Make sure that when depositing the load, there is enough space to pull the clamp out.
- Place loads down gently. Fast lowering may release the clamp.
- At the end of the transport operation, the suspension (e.g. hook, shackle, etc.) must be lowered until the load lifting attachments are completely load-free and/or the suspension eyes can be moved freely.
- The latching devices of the two clamps can be opened again and the clamps can be pulled out of the cable drum.

Testing/Service:

All Camlok lifting clamps are tested before sale to a proof load of twice the working load limit. Any clamp that has been repaired must be tested.

Care and Maintenance:

The maintenance schedule is based on normal usage of clamps operating in a workshop environment. Maintenance frequency must be increased if clamps are subject to heavy usage or operated in adverse conditions.

Fasteners fitted to 'Camlok' clamps are retained with Loctite 270 Thread Locking Compound unless the bolt is secured with a nylon nut. DO NOT use any other grade. For maintenance, use heat to loosen locking compound (up to 80°). Always keep a record of inspections and repairs.

The components which need to be inspected are detailed in table 2 with the correct frequency.

	Check	Daily	Weekly	3 Months
A	Smooth operation	✓	✓	✓
B	Welds for cracks	✓	✓	✓
C	Distortion in the main body and hooking	✓	✓	✓
D	Obvious signs of damage	✓	✓	✓
E	Plunger operation – lock and release	-	✓	✓

Table 2

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COLUMBUS MCKINNON

Columbus McKinnon has a history of over 150 years and is a world leader in lifting and intelligent motion control technology. The innovative portfolio of high-quality brands, including Stahl CraneSystems, Magnetek, Pfaff-silberblau, Duff-Norton, Yale, Dornier, CM and montratec addresses the needs of our customers by enhancing safety and promoting growth and efficiency. Experience, expertise and innovation

combined with a deep understanding of user needs are the formula for success that has long underpinned our portfolio of hoists, material handling equipment and lifting accessories. Columbus McKinnon is a global organization headquartered in Charlotte, USA (North Carolina). Its global presence includes offices and manufacturing facilities in North America, Latin America, Europe, Africa and Asia.



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