



SL SHEARLEGS

WLL 500 – 3000KG (PER PIECE)

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.

SL Shearlegs

Model	WLL kg	Height to eye mm	P.C.D. at base mm	Weight kg
SL 0.5/2	500	2000	1800	24
SL 1/2	1000	2000	1816	33
SL 1/3	1000	3000	2544	44
SL 1/4	1000	4000	3270	89
SL 2/3	2000	3000	2554	71
SL 2/4	2000	4000	3282	90
SL 2/5	2000	5000	4186	126
SL 3/3	3000	3000	2730	88
SL 3/4	3000	4000	3458	108
SL 3/5	3000	5000	4184	146
SL 5/3	5000	3000	2752	90
SL 5/4	5000	4000	3480	127
SL 5/5	5000	5000	4208	174

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:

The Camlok Shearlegs have been designed to be simple, easy to erect and operate. Each set of Shearlegs are supplied fitted with safety chains and a large eye bolt for suspension of hand operated lifting blocks or pulleys. Shearlegs must not be used for lifting or suspending personnel.

Erecting:

Where the tripod is required to operate over a hole in the ground or floor make sure the surrounding area is sound and sufficient to take the leg loading.

Position the Shearleg tripod over the centre of the load to be lifted and stretch the legs to the extent of the safety chains.

Check that the legs of the tripod are level and stable and adjust where necessary.

Attach a suitably rated chain block or pulley to the Shearleg top cap eyebolt.

Lifting & Lowering:

Make sure the load is firmly attached to the chain block or pulley hook before lifting or lowering.

Never stand under a suspended load and if guiding a load by hand always place the palm of the hand on top of the load.

Never grip the load with fingers on the underside.

Never tie the load to a leg or legs of the tripod.

Always stand clear when lifting or lowering.

Dismantling:

Detach the load from the chain block or pulley hook.

Detach the chain block or pulley from the eyebolt.

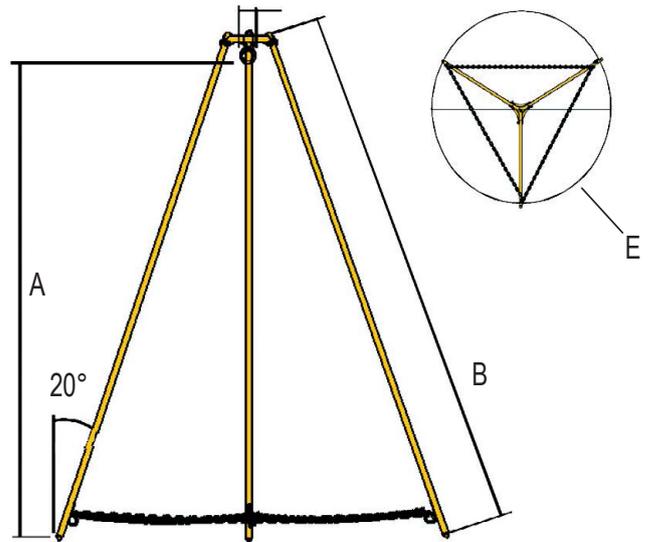
Collapse the Shearleg tripod as store where required.

Testing/Service:

All shearlegs are proof load tested to 1.25x the WLL.

Care and Maintenance:

The components which need to be inspected are detailed in the table below with correct frequency:



Dimensions SL

Model	SL0.500/2	SL1000/2	SL1000/3	SL2000/3	SL3000/3
A, mm	2000	2000	3000	3000	3000
B, mm	2254	2276	3340	3366	3409
E, mm	1800	1816	2544	2554	2730

	Check	Daily	Weekly	3 Months
A	Check overall structure for any obvious signs of damage	✓	✓	✓
B	Check integrity of safety chains	✓	✓	✓
C	Check lifting eye for damage and integrity	✓	✓	✓
D	Check integrity of nuts and bolts	-	✓	✓

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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