

**Hilka**

84991000

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# Chain Block



## APPLICATION

The 1 Ton Chain Block is a portable lifting device easily operated by hand chain. It is suitable for use in factories, mines, farms, construction sites, wharves, docks and warehouses for the installation of equipment, as well as for loading and unloading goods. It is ideal for lifting work in the open air and places where no power supply is available. The chain block can be attached to a gantry, as a travelling chain block or used suspended from a fixed point or crane.

## FEATURES

This item has five prominent design and service features:

- Safe and reliable operation with a minimum of maintenance required.
- Highly efficient and only a small handpull load required.
- Lightweight and easy to handle.
- Stylish appearance with compact design.
- Durability in service.

## PRE-OPERATING INSTRUCTIONS

- Only suitably competent individuals must operate this chain block.
- Do not operate the chain block if under the influence of alcohol or drugs.
- Walking or operating underneath the suspended chain block (even if it is not holding a load) is strictly forbidden.
- Always ensure the chain block is securely fitted to its anchor point.
- Do not overload this device.
- Make sure the chain block is correctly lubricated and maintained.
- Before lifting, inspect the hooks to ensure they are securely attached.
- Do not suspend a load from the tip of the hook.
- The load chain should be stored vertically straight without any twist, so as to ensure safety.

Check the chain block and loose parts and accessories for transport damage.

Save these instructions for future reference.

## OPERATING INSTRUCTIONS

- During operation, the operator should stand in the plane of the handwheel.
- To lift the load, pull the hand chain to rotate the handwheel in a clockwise direction.
- To lower the load, pull the hand chain in an anti-clockwise direction.
- When lifting or lowering a load, the hand chain should be pulled steadily and smoothly in order to prevent it from jerking or tangling.
- Stop operation immediately if the chain pull force exceeds that of normal operation, and carefully check:
  - If there is anything entangled within the load.
  - Whether there is any trouble with the parts of the block.
  - Whether the load weight is over the rated capacity of the block.

## MAINTENANCE

- Only a suitably qualified person should carry out maintenance and inspection.
- Never allow a layman to assemble or disassemble the block.
- Align the "O" marks of the two gears whilst assembling.
- When assembling the brake mechanism, care should be taken to mesh the slanting teeth of the ratchet disc and the pawl. Make sure that the spring and pawl work smoothly and consistently. Then turn the hand wheel clockwise. It must press the disc and the plates on the brake seat. When turning it anti-clockwise there should be a clearance space between the disc and the plates.
- After cleaning and maintenance work, the block should be subjected to a no-load test and a load test. A chain block should only be used after it has been tested satisfactorily and if it has reliable brakes and is in good condition.
- Keep the friction surfaces of the brake clean. The brake mechanism should be inspected regularly in order to prevent faulty braking and the load from falling.
- After each use clean the dirt off the chain block, lubricate its parts with grease and store in a dry place.

## SPECIFICATION

Model		
Rated Capacity (ton)		1
Standard Lifting Height (m)		3
Test Load (ton)		1.5Gn
Minimum Distance Between Hooks (mm)		300
Chainpull To Lift Full Load (N)		314
No. Of Load Chain Fall Lines		1
Dimensions (mm)	A	142
	B	126
Hook Opening (mm)		22
Net Weight (kg)		10
Gross Weight (kg)		14
Packing Measurement (L x W x H) (mm)		330 x 230 x 190
Extra Weight Per Metre Of Extra Lift (kg)		1.7

