



1 Ton Chain Block

Safety Instructions

Notice: Ensure you read and fully understand instructions before use

While every attempt is made to ensure the highest degree of protection in all equipment, we cannot guarantee freedom from injury. The user assumes all risk of injury due to use. All merchandise is sold on this condition, which no representative of the company can waive or change.

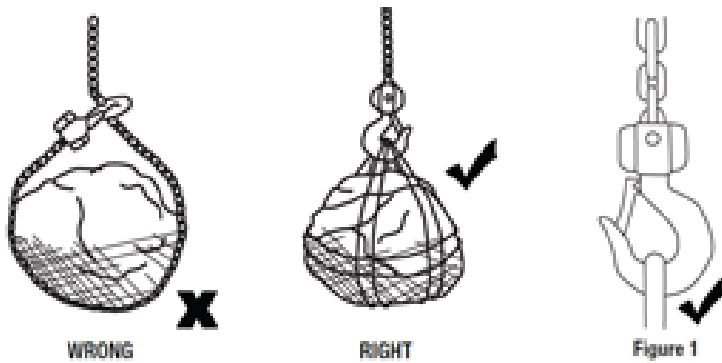
- This product is not a toy, and is only to be used for its designated purpose.
- Never carry out any alterations or modifications to this product.
- This product is intended for indoor use only.
- If the product is damaged or has any defects, please contact cservice@oypla.com
- Never exceed the maximum load capacity of **1 ton (1016.1kg)**, or it may result in product failure or personal injury.
- This product is not intended for use by persons (including children) with reduced physical, sensory and mental capacities, or lack of experience and knowledge, unless they have been given supervision or instruction concerning use of the product by persons responsible for their safety.
- Locate the chain block in a suitable well-lit work area.
- Keep children and bystanders away whilst using the chain block.
- Never use the chain block in a wet or dangerous environment.
- Any load must only be attached by the proper lifting points.
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- The load must be free to lift. If the load is caught or restricted during lifting, overloading of the chain block will occur.
- Before attaching a load, ensure that it is stable and will remain stable throughout the lifting process.
- Never wrap the chain around a load or use the chain as a sling.
- When an object is being lifted, the area directly below and around the area should be considered highly dangerous. Do not enter this area while lifting.

- The chain block must be operated from a position where the operator is not at risk from a falling load.
- Protective headgear (e.g. hardhat) and protective footwear should be worn by the operator and any person near to the lifting area.
- Never use the chain block or any other overhead lifting equipment for lifting people.
- The operator should have constant eye contact with the load.
- The chain block must only be operated by persons who are clearly familiar with the operating instructions.
- Do not change from lifting to lowering rapidly. Allow the load to come to a complete stop before changing direction.
- If the chain block is unable to lift a load, stop immediately. The lift load capacity has been exceeded.
- When lowering a load, make allowance for the fact that the load will usually run on for a few centimetres after the mechanism has been stopped.
- The chain block must never be used for any purpose other than vertical lifts.
- Do not lift an object to a greater height than is absolutely necessary.
- Never leave a suspended load unattended.
- If you are in any way unsure about the safe method of using this equipment, do not use it.



Attaching the Load

- Attach the load to the hook using slings, chains or other lifting devices suitable to the type, shape and weight of the load.
- Centre the load on the hook correctly (Fig. 1).



- Never load the hook in front of the safety bar (Fig. 2-A).
- Never load the hook tip (Fig. 2-B).
- Never load the hook of the centre line (Fig. 2-C).
- Never load the hook sideways (Fig. 2-D).
- Always ensure the mounting hook is fully engaged with its safety bar securely closed.

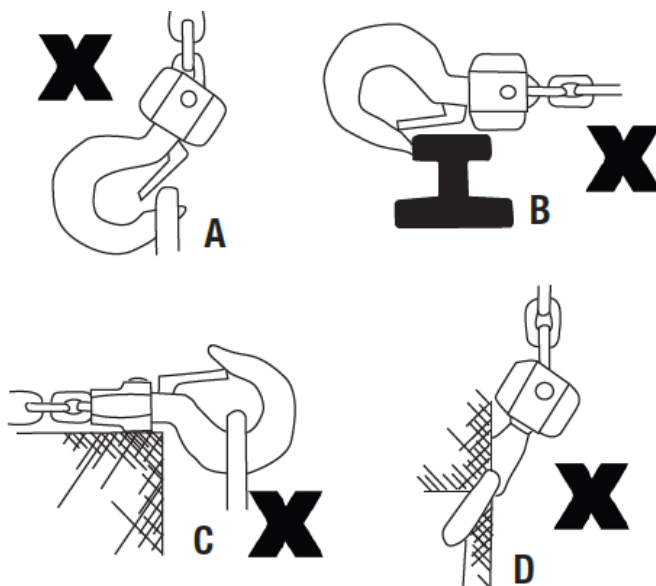


Figure 2

Operating Instructions

Before Use

Ensure that the chain block is suspended from a structure capable of supporting a load of at least 1½x the safe working load of the block.

- Install the chain block so the bottom of the hand chain sits between 500 and 100mm from the ground.
- The user must be able to operate the hand chain safely, from a location to the side of the suspended load.

Operating Instructions

The chain block must only be used by competent operators. All users must be trained in the use of lifting equipment. Inexperienced users must receive instruction prior to using this tool. A risk assessment must be carried out before undertaking any lifting operations.

1. Smoothly pull the hand chain until the load chain is taut. Confirm that it is vertical (i.e. not pulling at an angle).
2. Start to raise the load. Check that it is level with no possibility of the load tilting and/or slipping from its restraints.
3. If necessary, lower the load and readjust slings to obtain a safe, level lift.
4. Stop lifting at approximately 100mm to check that the brake will hold the load.
5. Continue to raise the load to the required height in a slow and controlled manner. Do not raise the load so far that the load hook comes into contact with the block.
6. To lower the load, pull down on the opposite side of the hand chain. Lower smoothly and slowly, do not lower so far as to completely extend the full length of the load chain.

Warning: The brake may become hot during prolonged use of the chain block. Stop using the tool intermittently to ensure the brake does not overheat.

Care and Maintenance

Carry out a visual inspection of all components every time the chain block is used and listen for any unusual sounds during operation. Perform an in-depth examination every time the device has not been used for a long period of time. Should any damage be detected, remove the device from use immediately. Inspect and test the brake mechanism before every use.

Cleaning

Keep the chain block clean at all times. Dirt and dust will cause internal parts to wear quickly and shorten the tool's service life. Clean the body of the block with a soft brush or dry cloth.

Lubrication

Lubricate all moving parts with suitable lubricant spray at regular intervals. Keep the load chain and both hook shanks clean and lubricated.

Warning: never allow grease or oil to come into contact with the brake mechanism.

Storage

Store this tool carefully in a secure, dry place out of the reach of children.

Specifications

Working load limit: 1ton

Standard lifting height: 2.5m

Minimum distance between hooks: 320mm

Operational effort to lift full load: 330N

Load chain diameter: 6mm

Block diameter: 142mm

Block thickness: 130mm

Hook opening: 30mm

Net weight: 7.8kg

Please retain a copy of all instructions for future consultation.



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USER MANUAL Model No: 3437