



CATFORD ENGINEERING PRODUCTS

MANNANARIE RD
P.O. BOX 178
Jamestown
SA 5491

Phone: (08) 8664 1566 Fax: (08) 8664 1778
Web: www.catford.com.au Email: sales@catford.com.au



OPERATING INSTRUCTIONS

The **DRUM LIFTER** has been designed and manufactured to allow for the easy lifting of complete 200 litre drums of oils, chemicals, fuel, honey, etc. However the users of this **DRUM LIFTER** are reminded that, as with all lifting equipment the correct safety procedures should be followed. It cannot be recommended for the lifting of drums with the tops removed or for weights over 500kg.

The **DRUM LIFTER** has been modified to make it suitable for use with the 200 litre drums that have a removable lid or bolt held retaining ring or clasp. Drums of these types are used for storage of greases, juice concentrates and other applications in the food industries.

This **DRUM LIFTER** has an adjusting pin boss on the band which is slotted. This allows the toggle section to be disconnected from the band so that the band may be opened up to fit over the drums with these special lids.

Failure to comply with operating instructions could result in damage to the lifting equipment. Catford Engineering Pty Ltd will not be responsible for any damage that may occur as the result of an incorrect lift and guarantee would no longer apply.

To use the **DRUM LIFTER**

- Lower the **DRUM LIFTER** over the drum to be lifted
- Adjust the mechanism to suit the diameter of the drum to be lifted
- Fit the band up neatly under the top rim of the drum
- Close the handle so that it is neither too tight nor too loose
- Fix safety chain over the end of the handle
- Attach the **DRUM LIFTER** to your lifting device eg front-end loader, crane, etc
- Lift drum and move it into place

To use the **DRUM LIFTER** on drums with removable tops.

- The **DRUM LIFTER** still works in the same manner as the enclosed instructions for most 'normal' 200 litre drums, but when used with drums with removable tops, adhere to the following:
- First undo the band so the slotted end disconnects from the band of the **DRUM LIFTER**
- Lower over the drum and fasten the catch.
- Ensure that the slotted end is securely into place behind the pin.
- Ensure that the band of the **DRUM LIFTER** is adjusted correctly to suit the diameter of the drum.
- Fasten the safety chain before lifting.

Because there is a variation in the diameters of some of the 200 litre drums in the market place, the manufacturers have made the **DRUM LIFTER** with an adjusting handle mechanism to allow for this slight variation. For most of the metal or galvanised drums, the only adjustment necessary can be made by turning the handle (clockwise to loosen and anti-clockwise to tighten).

If using the **DRUM LIFTER** with the slightly smaller plastic 200 litre drum as used by some chemical companies, it will be necessary to remove one pivot pin and replace it into the inner hole, making sure that the cotter pin is replaced and secured correctly.



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Outside Hole for normal drums

Safety chain which must be fitted over the end of the handle at all times during use.



Inside hole for smaller plastic drums

Minor adjustment may be made by turning the handle clockwise for looser and anti-clockwise for tighter

Cotter pin which must be removed and replaced correctly when moving pivot pin to the inner hole

The handle mechanism shown in the closed position



Standard 200 litre oil drum



Plastic 200 litre chemical drum (smaller diameter)