



Plant & Tool Hire Centres Ltd.

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Hydraulic Cable Drum Jack Operation 10 Ton SWL (per pair)

- Ensure the jacks are suitable for the size and weight of drum to be lifted, refer to drawings for details.
- Check the jacks and spindle for signs of damage or wear.
- Check the hydraulic jacks for damage and leaks.
- Ensure the correct spindle supplied with the jacks is always used.
- Always use the spindle locking collars provided.
- Place the jacks on a level surface free from any bumps or dirt.
- Place the spindle through the centre hole of the drum to be lifted. Ensure that the spindle is central to the drum, i.e. equal amounts of the spindle protrude from the sides of the drum.
- Fit the locking collars to each side of the spindle so that they are up against the side of the drum. Tighten the locking bolts on the collars using a spanner.
- Position the jacks as close as possible to the side of the drum ensuring that the direction of pull is pulling the spindle towards the upright and not away from it. The distance between the saddle of the jack and the side of the drum should be kept to an absolute minimum. The centre line of the jack saddle should line up with the centre line of the spindle.
- Lift each saddle as close as possible to the underside of the spindle and locate the saddle on the highest possible set of pins. Ensure the saddles are located properly on the pins.
- Using the hydraulic jack handle, pump up each jack until the saddles touch the underside of the spindle. Now alternate between each jack to raise the drum, ensure that neither side is raised too much, keep the drum as level as possible.
- To lower the drum use the slotted end of the hydraulic jack handle on the release valve on the side of the jack. Place the handle over the valve and twist the handle anti clockwise. This will lower the jack, alternate between both jacks to ensure the drum comes down evenly on both sides.