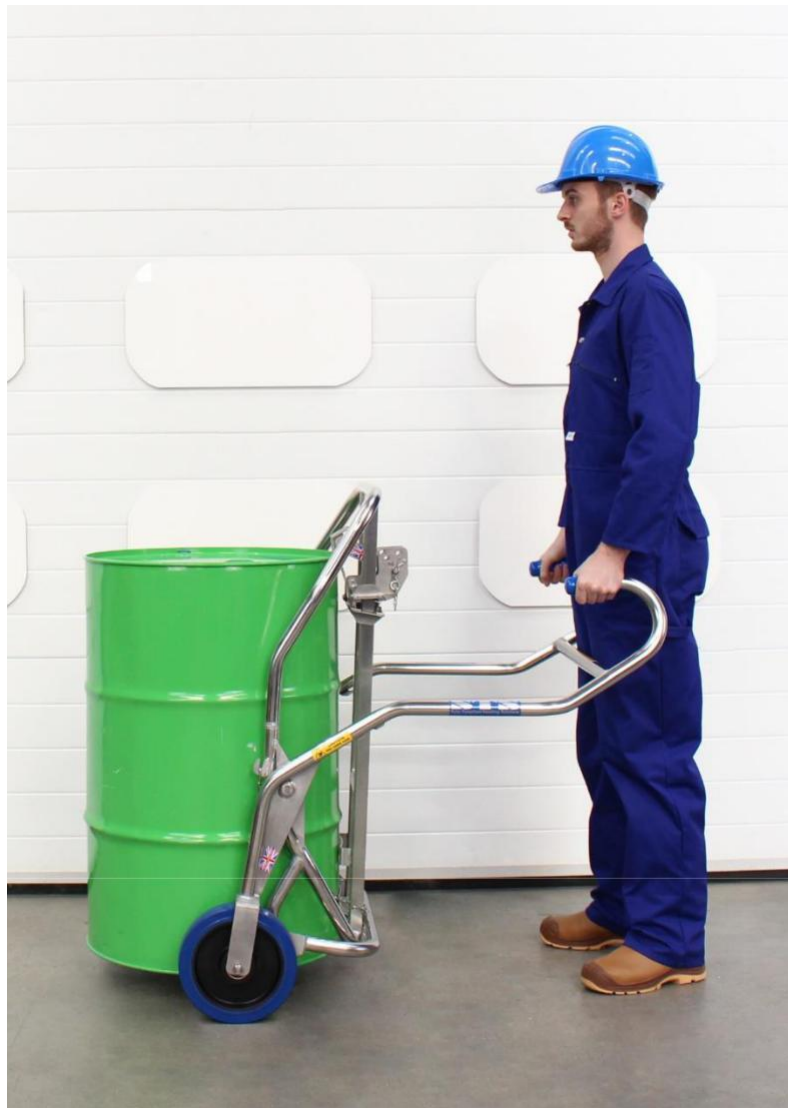




Operating Instructions



DTC01 (-Ex) Universal Drum Trolley

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The Universal Drum Trolley is used for transporting steel and plastic drums and barrels, 50-205 litres around the workplace.

Instructions should be adhered to at all times, failure to do so can result in serious injury to the operator or other personnel

The safe working load of this unit is 350kg

Key Safety Requirements

1. Do not use the unit unless you have read and fully understood the operation and maintenance manual.
2. This equipment is designed for use on level ground.
3. Only handle drums that are in a good condition. Should the lip or any other part of the drum be damaged, these should not be handled.
4. When not in use the equipment should be parked in a safe location; if the unit has brakes these should be applied.
5. This product is to be used by one operator at a time and they must be behind the unit at all times.
6. For equipment which lifts drums, do not transport the drum at unnecessary heights; the drum should be as close to the floor as possible at all times.
7. Always travel in a controlled manner, not exceeding 1m/s.
8. Do not allow other personnel to be in front of the unit when in use.
9. The safe working load (SWL)/rated capacity should not be exceeded in any circumstances.
10. The equipment should be inspected at regular intervals, decided by the operator's company, for signs of damage or defects.
11. The unit must be inspected at least annually or after any unusual event by a suitably competent person.
12. Ensure damaged or missing safety notices are replaced; these are available from STS.
13. The manual forces relating to the use of this equipment are relatively low; any doubts in this should be reported to STS.
14. If any operator is in any doubt of the correct suitability of the equipment or has any problem understanding the instruction manual then they should contact STS for technical support.
15. Installation of third-party equipment which affects the performance of the equipment requires the written permission of the manufacturer.
16. Upon delivery equipment should be inspected for transit damage. Any damage should be reported to STS and the equipment should be quarantined and not used.
17. If the unit supplied is the Ex model, ensure earthing chains are securely fitted and are in contact with the ground at all times; the unit should be kept clean and free from dust and debris.
18. The manufacturer shall not be held liable in case of faults or accidents due to negligence, incapacity, installation by unqualified personnel or improper use.

Section 1 - Connecting to a drum

1. Place the drum on flat level ground.
2. Squeeze the two catch plates together, allowing them to slide up and down, to adjust the gripping height. Once released, the catch gripper will lock in place.
3. Adjust the catch settings, see section: 'drum catch variations.'
4. Manoeuvre the trolley up to the drum and position in line with the catch.
5. Adjust the catch so the top hook latches over the drum lip and so the bottom toggle will drop beneath the drum lip.
6. The safety chain is only required for round sided plastic drums and small drums. The chain is not required for parallel-sided drums.
7. When the chain is not in use, fasten to the hook provided.



Section 2 - Preparing drum for transport

1. Ensuring both hands are on the handles of the trolley at all times.
2. Stand upright and place one foot on the foot bar.
3. Pull backwards on the handles whilst at the same time pushing the foot bar towards the base of the drum.
4. Once the foot bar is touching the drum, remove your foot and push down on the handles until the top of the drum is level.
5. The trolley and drum can now be moved.



Section 3 - Placing the drum back on the floor

1. Hold the handles securely and tip the trolley forward until the front of the drum is in contact with the floor.
2. Place one foot on the foot bar and raise the handles slowly, controlling the speed of the action with your foot until the drum is placed upright on the ground. Do not remove your foot from the foot bar when you are lowering the drum until it is flat on the floor.
3. The catch can now be unhooked from the drum and the trolley can be wheeled away.



Drum catch variations

WARNING – Due to variations in the manufacture of drums it is important that the correct hook position is selected. Failure to do so could result in the catch disconnecting from the drum.

The drum catch has been designed so that there are various numbers of positions it can be used in to fit different sized drums. By removing the top 'R' clip the top catch can be turned over so that the sticker is upside down. This gives the catch a further 5mm of reach. By changing the hole that the top catch is located on increases the reach by a further 10mm by each hole placement. The top hook must always be placed in the shortest possible position.

The following examples are for guidance only.



Most Drum Types

The top hook should be mounted the correct way up and in the bottom hole.



Steel Open Top

The top hook should be mounted with the labels inverted and in the bottom hole.



Mauser Open Top

The top hook should be mounted the correct way up and in the third hole.

Decommissioning and Disposal

Final de-commissioning or disposal of the unit must be performed in accordance with the regulations of the country of use, meeting the countries regulations for disposal of hazardous materials. In particular, regulations governing the disposal of batteries, fuels and electronic and electrical systems must be observed.

Maintenance

Although the unit is designed to be maintenance free, any maintenance undertaken needs to be carried out by a competent individual.

- Before use inspect unit thoroughly for signs of damage.
- For cleaning it is recommended that if any degreasing agents or high pressure cleaners are to be used then they should be used with great caution as to avoid the degreasing of any mechanical components.

Ex Certification (if applicable)

If this equipment is supplied with Ex certification, defined by (-Ex) in the product code shown on the test plate, then the unit is certified by STS for use in Zone 1, 2, 21 and 22 areas with protection under constructional safety "c"

 II 2 G D

Ex h IIB T4 Gb

Ex h IIIB T135°C Db

IMPORTANT

Consideration must be taken by the end user to ensure safety and conformity within Ex zones between the unit and its surrounding environment including any interfaces which may occur.

If you do not understand any part of this manual and/or need assistance, please contact us: Technical Support Line: +44 (0)1736 851050

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