



Operating Instructions



DCR01-(Ex) Drum Dispensing Cradle

E-mail: sales@sts-handling.com

Tel: +44 (0)1736 851050

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. Do not allow other personnel to be in front of the unit when in use.
8. The safe working load (SWL)/rated capacity should not be exceeded in any circumstances.
9. The equipment should be inspected at regular intervals, decided by the operator's company, for signs of damage or defects.
10. The unit must be inspected at least annually or after any unusual event by a suitably competent person.
11. Ensure damaged or missing safety notices are replaced; these are available from STS.
12. The manual forces relating to the use of this equipment are relatively low; any doubts in this should be reported to STS.
13. 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.
14. Installation of third-party equipment which affects the performance of the equipment requires the written permission of the manufacturer.
15. 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.
16. If the unit supplied is the ATEX model, ensure earthing chains are securely fitted and are in contact with the ground at all times; also wheels should be kept clean and free from debris.
17. The manufacturer shall not be held liable in case of faults or accidents due to negligence, incapacity, installation by unqualified personnel or improper use.

Loading the Dispensing Cradle

1. Place the cradle in the upright position with the base plate in contact with the floor
2. Ensure the handle is inserted into the front socket and secured in place with locking pin
3. Load the drum onto the base plate using suitable manual handling equipment
4. Ensure the plug/tap is facing the rear of the unit to ensure it can decant
5. Hook the safety chain around the drum



Rotating the Dispensing Cradle to horizontal

1. Place handle in the lowest hole and secure with locking pin
2. Push down on the handle and pivot the cradle until it is resting on the four wheels. Ensure a straight back is kept throughout.
3. Remove the handle and place in the rear socket and secure with locking pin
4. The cradle can now be manoeuvred.



Dispensing

1. Once the cradle is in the horizontal orientation the drum can be decanted to a height of 350mm.



Rotating the Dispensing Cradle to vertical

1. Remove the handle and place in the lowest hole in the front socket. Secure with locking pin.
2. Pull on the handle and pivot the cradle until it is resting on its base plate. Ensure a straight back is kept throughout. Unload the drum using suitable manual handling equipment.

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.

Ex CERTIFICATION (if applicable)

If the equipment supplied has (-Ex) in the test plate product code, it has been certified by STS for use in Zone 1, 2, 21 and 22 areas for protection under constructional safety "c" and control of ignition source "b".

Ex 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.

The unit is designed so that there is electrical continuity through a conductive path. The conductive path is from the contact point between the load and the unit, through the unit and then to the ground via earthing chains. STS recommends using conductive drums and cylinders. Continuity and earthing of loads, including drums and cylinders, is the responsibility of the end user.

Maintenance

Any maintenance needs to be carried out by a competent individual.
The unit is designed to be maintenance free.

- 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.

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

Bespoke Handling Equipment Ltd.
Leedstown
Hayle
Penzance
TR27 6DS