

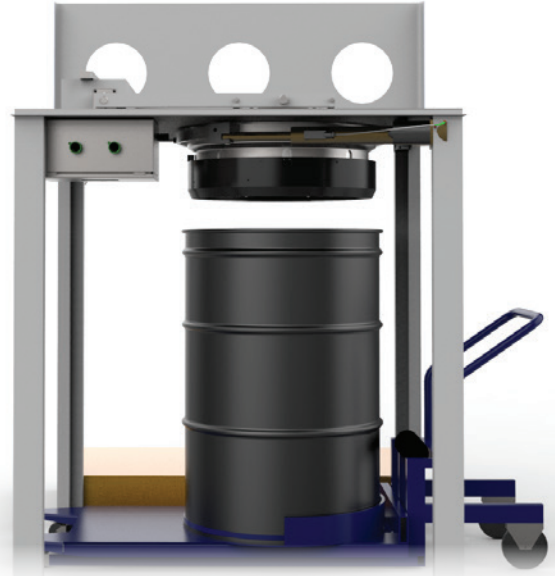
Waste Drum Transfer System

Waste and Bulk Packaging Solutions

CRL's Waste Drum Transfer System (WDTS) was developed to address the need for a safer method of transferring waste from gloveboxes and hot cells.

The system offers the ability to mitigate dangerous bag-out processes from TRansUranic and High-Level Waste transfer and re-packaging operations.

This patented system has been engineered to allow rapid and repeatable transfers without breaking cell containment.



(55G Drum Shown)
Patent No. 7690406

Application Solutions: NUCLEAR



R&D/D&D



MATERIAL
TRANSFER

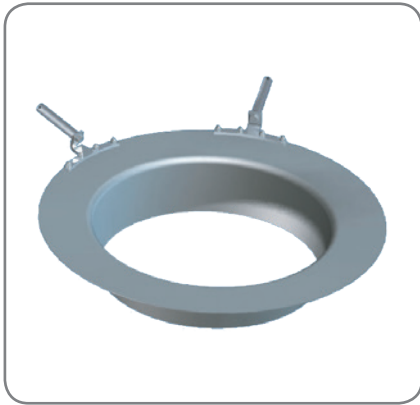
Features & Benefits

- Built-in safety interlocks eliminates accidental breach of containment
- Actuated docking for fast, safe drum connect/disconnect operation
- Drum liner capable of multiple filling cycles
- Bagless RTP transfer system eliminates breach of containment while improving ergonomic safety for the operator
- 30G, 55G, or custom size drum liners available in PE or SST materials

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Waste Drum Transfer System

Accessories



Funnel Systems



Drum & Liner Assembly



PE or SST Drum Liners Available

Operating Sequence:

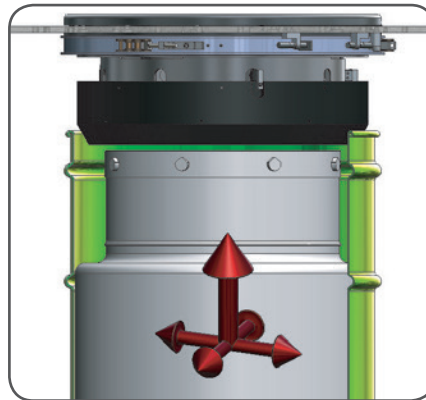
Step 1: Alignment ring centers the 55 gallon drum automatically as it is raised for docking.

Step 2: Drum liner lugs are then simultaneously rotated into place.

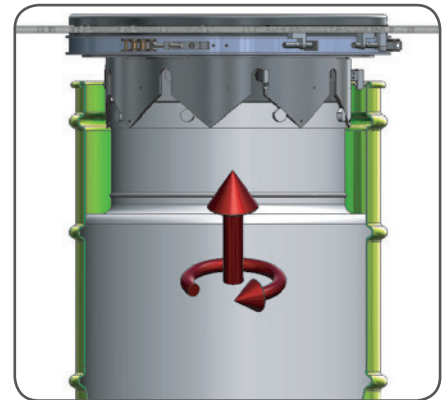
Step 3: Drum liner lugs must be fully engaged to enable interlock sensors prior to completion of docking.

Step 4: Drum liner docking assembly rotates as it sequentially locks the drum liner to the docking assembly and transfers the drum cover to the port door. Port door is then opened and drum is ready for use.

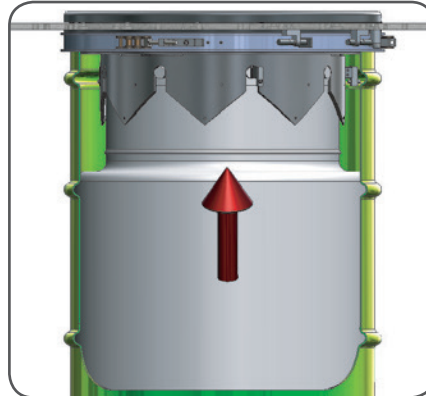
Step 1: Drum Centered



Step 2: Drum Liner Aligned



Step 3: Full Insertion



Step 4: System Docked



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