



DRUM-HAULERS & ROLL-HAULERS



***ERGONOMIC SELF-POWERED TRANSPORTERS
FOR CLAMPING, LIFTING, ROTATING, AND
WEIGHING DRUMS OR ROLL MATERIALS***

Drum-Haulers™ & Roll-Haulers™ make easy tasks of handling plastic, fiber and steel drums as well as roll materials of various widths and diameters. Drum & Roll-Haulers are the most ergonomic equipment available for transporting, manipulating, weighing and roll materials and dispensing drums, with models suitable for most any application. All models with the exception of forward rotating units are designed to fit through a standard 30" wide x 84" high doorway opening. Drum & Roll-Haulers are completely counterbalanced, requiring no outriggers for stability. Drum & Roll-Haulers are designed to work in tightly confined production areas. The large industrial battery provides enough power to run continuously for a 2-shift operation without recharging.

STANDARD FEATURES AND SPECIFICATIONS INCLUDED ON ALL MODELS LISTED IN THIS BROCHURE:

Finish: Safety orange powder coating for durability

AC Drive Motors with regenerative braking

Gradient Performance: 20% with 1000 lb /454 kg load

Electronic Speed Controller with infinite forward and reverse creep speeds

Brake: Electro-mechanic disc which locks with handle in upright or extreme lowered position and when not activating the butterfly control to travel

Battery: DEKA 12D85-9 24-volt industrial, 340 amp hour with SB-175 connector, battery discharge indicator, hour-meter and trouble code display

Key: On/off switch. Disables all functions in the off position or with the key removed

Lift Cylinder: Provided with hydraulic velocity fuse and adjustable flow control valve to regulate lowering speed

Wheels: 3" x 4" articulating tandem polyurethane load wheels, 9" x 2.75" rubber or polyurethane drive wheel with stability casters on both sides to eliminate any side-to-side tilting

Handle Controls: Dual thumb operated butterfly control provides superior control of forward and reverse direction, end of handle red safety switch moves Hauler forward when activated only while traveling in reverse, lever operated lift and lower controls located on top/bottom and left/right side of handle, horn switch, turtle button to by-pass brake system which also allows creep speed operation with the handle in fully upright position

TOP VIEW OF HANDLE



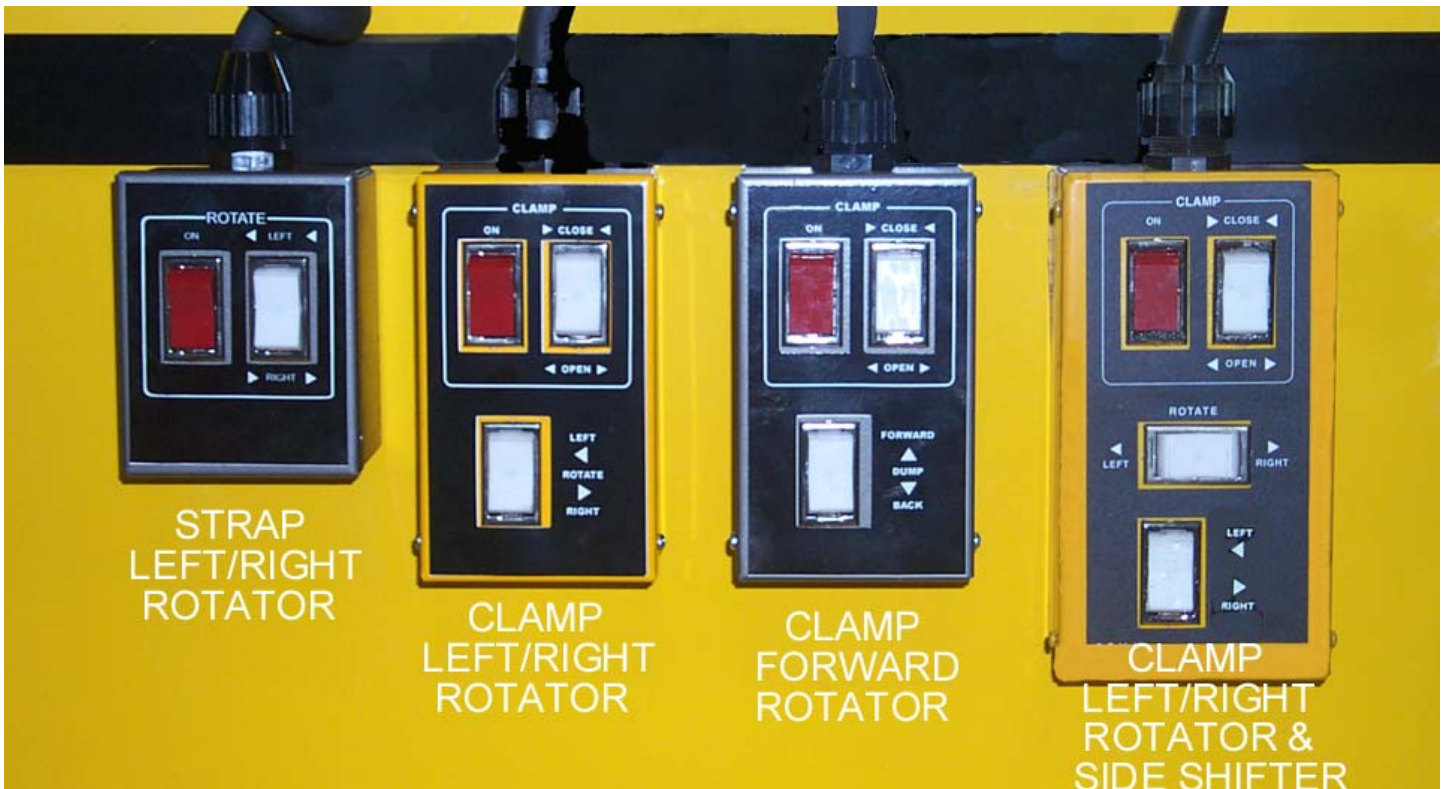
BOTTOM VIEW OF HANDLE



CONTROL BOX FUNCTIONS FOR POWERED CLAMPING AND ROTATING DRUM & ROLL-HAULER MODELS

All rotating models are provided with a magnetic backed control box attached to a heavy coil cord. The coil cords permit the operator to function the clamp rotators from any position around the machine. The control box houses the switches for clamping and unclamping, rotation direction and optional side shift functions. The size of the control box is dependent on the number of functions. All switches are dead-man type which do not function when released. All control boxes that are provided a white clamp/unclamp switch are also provided with a red safety switch. The red safety switch must be pressed and held for the clamp/unclamp switch to function. This safety feature requires a two finger operation to the control box to release the drum or roll material held in the clamp.

Control boxes are not provided on Drum-Haulers™ with EG3 and EG4 mechanical clamping mechanisms & Roll-Haulers™ equipped roll posts or adjustable forks.



NON-ROTATING MODEL DRUM-HAULERS™



The Eagle-Grip™ 3 single clamping mechanism is standard on all non-rotating Drum-Haulers™.

An Eagle-Grip™ 4 double clamping mechanism is optional for applications when handling fiber drums in excess of 500 lb/227 kg, plastic drums in excess of 600 lb /272 kg or steel drums in excess of 800 lb /363 kg. Double clamping mechanisms are necessary when handling the same type drums, of lesser weight, when gripping the drum chime with the lid removed.

EG3 Single Clamping Mechanism



Optional EG4 Double Clamping Mechanism

Model DH800DCMSP-EE



Model DH800



TRIAL TOWARD PURCHASE PROGRAM AVAILABLE ON MOST MODELS

Non-Rotating Drum-Hauler™ models provide a completely ergonomic solution to handling drums over any other method. Equipped with an Eagle-Grip™ single or double automatic clamping mechanism, Drum-Haulers™ provide the safest handling method for all chimed plastic, fibre and steel drums.

The all powered lift and travel features allow any operator to:

- **Handle drums/rolls in tightly confined areas and aisles**
- **Transport up and down ramps or inclined floors**
- **Remove or place drums on the side of a pallet, floor scale, conveyor or containment pallet**
- **Remove or place drums inside flammable storage cabinets, drum warming ovens or under pumps.**
- **Load/ unload trucks, trailers & oversea shipping containers either single, double or triple stacked.**

The narrow profile mast design gives operators great forward visibility while lifting the drum a minimum of 20” above the floor. Other masts are available for double or triple stacking drums. Drum weight capacity is standard at 800 lb/ 363 kg. but available to 1500 lb/ 681 kg.

Popular options include:

- **Eagle-Grip™ 4 double clamping mechanisms**
- **Scales: Load cells and digital indicator for weighing**
- **FDA approved epoxy powder coating for food and pharmaceutical applications**
- **Increased drum weight capacity.**
- **Increased forward drum reach**
- **Factory Mutual Approved “EE” rating**
- **Elevated base frames for traveling over burms**



Model DH80040



MODEL
DH15004DCM



Model DH80096-S with optional scale



DRUM-HAULERS™ WITH STRAP ROTATORS

Strap rotators are the most economical means to secure a drum for dispensing. Drums must be removed from the pallet prior to securing two nylon ratchet straps around the container. All strap rotators can secure drum diameters from 9" to 24". Special models are available for larger container diameters. "SR" rotators rotate drums 360 degrees to the left or right. "FSR" rotators rotate drums 180 degrees forward and back. Both SR and FSR rotators are available with pony hold-downs for handling tapered plastic drums.

Forward Strap Rotator Clamp
with Pony
Hold-Downs



SR CLAMP

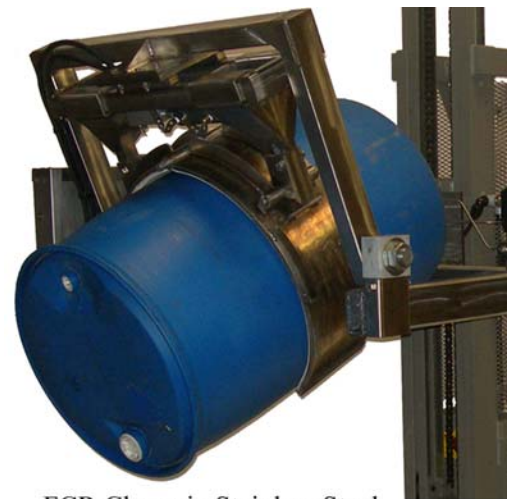


DRUM-HAULERS™ WITH FORWARD CLAMP ROTATORS

Forward Clamp Rotators are provided on single or two stage masts for applications where forward rotation is necessary. Rotators tilt drums forward 180 degrees for dispensing. Hinged jaws lined with white non-marking SBR rubber grip plastic, fiber and steel drums with diameters from 20" to 24". Small drum adapters are available for smaller size drums. Anti-drift motors prevent drift when dispensing viscous material over long time periods. Finished in safety orange powder coating, "FDA" approved gray epoxy powder coating or stainless steel construction. Optional: Scales permit dispensing by weight.



FCR CLAMP



FCR Clamp in Stainless Steel



Model DH80048FCR



MODEL DH80072FCR-S



Model DH80096FCRSP



Model
DH800108FCRSP
with stainless steel
FCR Clamp



Model
DH80072FCRSP



Scale Indicator with
Swing Arm

Optional scales and/or printers are available on any model for dispensing drum contents by weight. This eliminates the need to pre-weigh materials prior to dispensing. Both non intrinsically-safe and explosion-proof scale indicators available. Optional swing arm brackets extends indicator outward to permit operator visibility of the indicator from any direction around the machine.

DRUM-HAULERS™ WITH SIDE CLAMP ROTATORS – CR CLAMP

THE ERGONOMIC SOLUTION TO DUMPING DRUMS

"CR" Side Hydraulic Clamp Rotators are the most compact and widely used of all Drum-Hauler™ models. Having a 28.5" overall width x 41.5" vto 54" base frame lengths, most models are capable of transporting of drums through doorways and work well in tight production areas. Drum-Haulers with CR clamps are capable of removing or placing drums from pallets, pallet racking, cabinets, conveyors and spill pallets, as well as dispensing by weight. Drum-Haulers eliminate the need for several pieces of equipment and floor scales in congested production areas.

Capacity is 800 lb./363 kg but optional to 1500 lb / 681 kg
Lift heights available to 144" / 3658 mm

Clamping jaws rotate 360 degrees left/right for dispensing.
Clamping jaws firmly grip plastic, fiber or steel drums from 24"/ 609 mm to 20"/ 508 mm in diameter with an optional small drum adapters for gripping containers as small as 14"/355.6 mm in diameter.



Model DH60060CR-S
with shortened base
frame length to 41.75"



Model
DH60096CR-S
with shortened base
frame



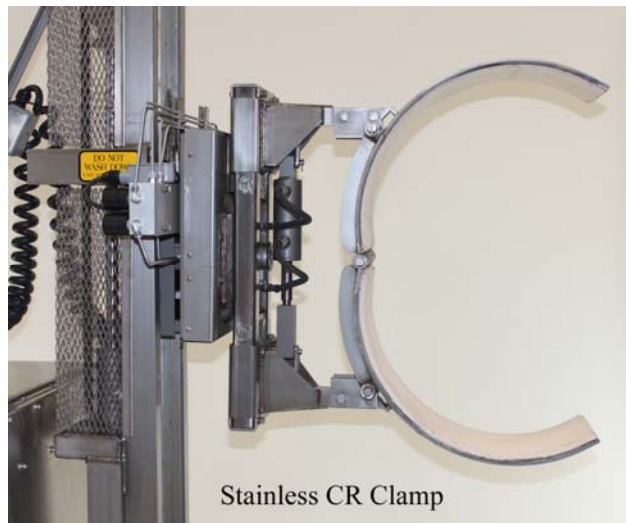
DH60096CR-S
with shortened base
frame length of 46.5"

**TRIAL TOWARD PURCHASE
PROGRAM AVAILABLE ON
MOST MODELS**

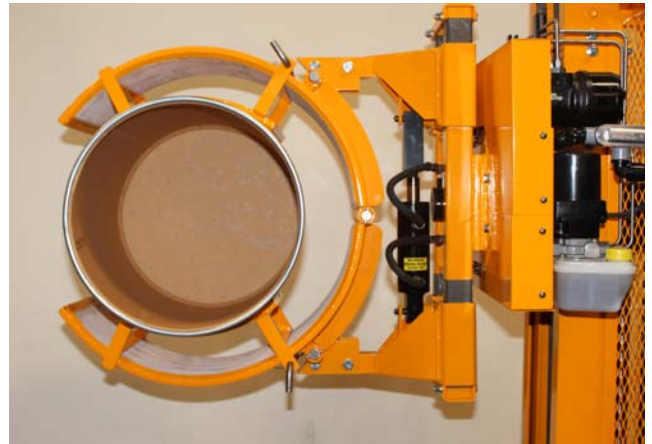
**DRUM-HAULERS™ WITH SIDE CLAMP ROTATORS – CR CLAMP
 FDA EPOXY POWDER COATED AND/OR STAINLESS STEEL CONSTRUCTION
 FOR FOOD AND PHARMACEUTICAL APPLICATIONS**



Optional: FDA epoxy powder coatings include all stainless steel hardware and a non-corroding lift and rotator chains. Customers can purchase the clamp, mast (only single stage) and clamp or the entire machine in stainless steel construction. The stainless steel machines shown below feature optional: side shifter, FM approved EE rating, battery roll-out trays and extended reach.



SMALL DRUM ADAPTERS FOR FCR AND CR CLAMPS



Optional Small Drum Adapters are available to fit all clamps, providing a greater range of diameters the clamp is able to grip. This small drum adapter fits both the CR and FCR clamps allowing the clamp to grip containers as small as 13"/330 mm in diameter. The SDA is comprised of two individual curved sections with white non-marking rubber vulcanized to the metal curve. Each curve is slid onto each side of the CR clamp then locked in place by inserting a stainless steel pin and lanyard.



DRUM-HAULERS & ROLL-HAULERS WITH SIDE CLAMP ROTATORS RCR 13/24 CLAMP



RCR 13/24 Clamp - Open Position
Handles Drums/Rolls as Large as 24"/609mm in Diameter



RCR 13/24 Clamp - Closed Position
Handles Drums/Rolls as Small as 13"/330mm in Diameter



Small Drum/Roll Adapter for RCR 13/24 Clamp
Handles Drums/Rolls as Small as 9"/228mm in Diameter

The RCR 13/24 Clamp is a fixed pad clamp that grips containers from 13" to 24" in diameter. The RCR 16/26 Clamp is a pivoting pad clamp that grips containers from 16" to 26" in diameter. These clamps are generally purchased for handling smaller than 55 gallon sized drums or more frequent use of smaller containers. Clamping pads are typically 8" in height for drum handling applications and 16" in height for roll handling applications. Both clamps are very similar, having a stationary back pad and two clamping arms to grip the drum or roll. As an option, a small drum/roll adapter is also available for both clamps. The adapter is an additional stationary pad extending forward. Two stainless steel pins and lanyards secure the adapter in place in seconds.



MODEL DH800108RCR-EE
with RCR 13/24 Clamp



Model DH80096RCR-EE with RCR13/24 Clamp

TRIAL TOWARD PURCHASE PROGRAM AVAILABLE ON MOST MODELS

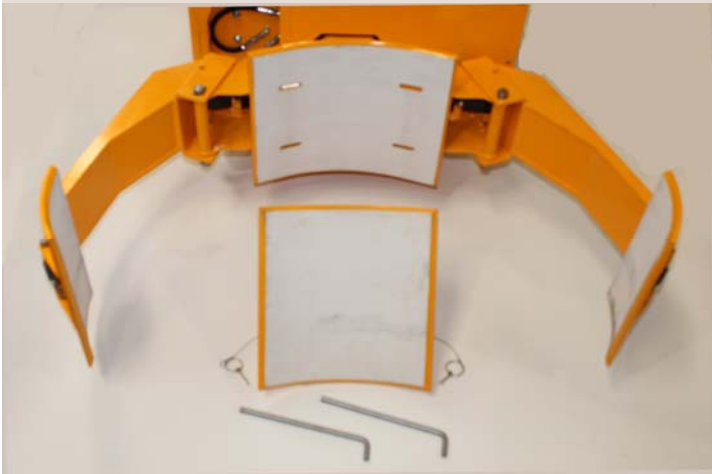
DRUM-HAULERS & ROLL-HAULERS WITH SIDE CLAMP ROTATORS RCR 16/26 CLAMP



**TRIAL TOWARD PURCHASE PROGRAM
AVAILABLE ON MOST MODELS**

ROLL-HAULERS™ WITH SIDE CLAMP ROTATORS

21/33 RCR CLAMP



LRCR CLAMP

The LRCR Clamp was designed for gripping rolls from the floor in a horizontal position as well as standing vertically. The LRCR Clamp is equipped with a short stationary clamping arm which is manually adjustable to increase the roll diameter range of the clamp. The short arm acts as a shovel which is inserted under the roll with the roll resting horizontally. The larger clamping arm then clamps the roll enabling it to be lifted and rotated. When clamping a roll standing vertically, the roll must be gripped in such a way where if an imaginary line were drawn through the center off each clamping pad, the line would pass through the rolls' core.

The clamping range of the LRCR Clamp is 18"/457 mm to 40"/1016 mm. Capacity is limited to 1000 lb/454 kg.

Clamping pads are typically 16"/406.4 mm in overall height.



Roll-Hauler with LRCR Clamp

ADJUSTABLE CLAMPING PRESSURE

All roll clamps are available with an optional adjustable pressure regulator and gauge. This option is perfect for lowering the clamping pressure of sensitive films and light weight roll materials that do not require the clamping pressure of heavier rolls. While clamping, the operator can rotate an adjustment control while viewing the pressure gauge until the desired clamping pressure is achieved. Once the clamping pressure is properly set, the adjustment control can be locked in position.



ROLL-HAULERS WITH ROLL-POSTS



MODEL RH100048SP with Roll Post



MODEL RH100096 w/ Side Shifter & Roll Post

Roll-Haulers with roll posts of various lengths are available for transporting rolls by the core. Optional side shifters are helpful in positioning the tapered end of the post through the rolls' core. Available in single or two stage masts in capacities up to 1500 lb/680 kg depending on the length of the post required.

TRIAL TOWARD PURCHASE PROGRAM AVAILABLE ON MOST MODELS

SIDE SHIFTER OPTION FOR SIDE ROTATION CLAMPS, ROLL POSTS OR FORKS



An optional side shifter (shown left) provides 4 inches of travel to the left and 4 inches of travel to the right from the center position. This enables the operator to side shift the clamp while rotating in the same direction. This can be a useful tool when trying to dispense material into small reactor openings. Side shifters are not available on forward rotation models. The photo, above right, is equipped with an optional side shifter, scale and cylinder clamp rotator for gripping cylinders and small rolls from 9"/228 mm to 18"/457 mm in diameter.

BATTERY ROLL-OUT TRAY AND CHARGER STAND OPTION

For 3-Shift Operations:
An optional battery stand is available to hold one additional battery and charger. The Drum/Roll-Hauler is equipped with a removable door with the battery resting on a small roller section for easy changing of batteries. An extra battery must be ordered separately which charges on the stand.



MODEL RH4000 ROLL-HAULER TRANSPORTER

The Model RH4000 was designed for lifting and transporting large rolls weighing up to 4000 lb/1815 kg. The lifting forks are equipped with pivoting cushioned roll supports to protect the rolls surface when lifted. These supports lift 52" diameter rolls 3.875"/98.4 mm, 40" diameter rolls 1.875"/47.6 mm and 34" diameter rolls 0.75"/19 mm. above floor level. For narrow roll widths, an adjustable stabilizing bar, is provided to increase safety when transporting narrow width rolls or coils. The RH4000 has the same standard features of other Drum & Roll Haulers but uses a slightly smaller Deka 12D85-7 24-volt industrial battery.



HAULERS WITH FORKS - COUNTER-BALANCED WALKIE STACKERS



Model CW60084



Class II carriage with shortened 24" forks and removable load back rest



Model CW800108SP-EE

Haulers with forks, better known as Counter-Balanced Walkie Stackers are available in weight capacities up to 1500 lb./680 kg with single or two-stage masts. Forks can be adjustable or fixed and can be installed on side shifters or rotators. Many other Hauler options such as scales are also available.

HAULERS FOR MOVING TANKS



Fixed Post Permits Installation of Other Towing Fixtures

Tank-Haulers with elevating or fixed posts can transporting tanks or other wheels objects requiring power travel assists. Many different types of elevating posts can be used to automatically lock into a corresponding fixture equipped on the tank or other wheels object. Fixed post models require manually securing straps or pins to mate the posts with the fixture on the tank or wheeled object.



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