Drum-Haulers™ & Roll-Haulers™ make the task of handling plastic, fiber and steel drums as well as roll materials both safe and easy. Drum & Roll-Haulers are the most ergonomic units available for transporting, manipulating, weighing and dispensing drums or roll materials. With a wide range of configurations, models are available for nearly any application. Most models, except for forward rotation units, are designed to fit through a standard 30” wide x 84” high doorway. Drum & Roll-Haulers are designed to work in tightly confined production areas and; are completely counterbalanced, requiring no outriggers for stability. 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-mechanical disc which locks with handle in upright or extreme lowered position and requires the butterfly control to be actively engaged 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, depressing the red safety switch automatically reverses the units travel direction when activated while traveling in reverse, level 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
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. With the control box attached to an extending coil cord the operator can operate the clamp rotator 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 as shown below. All switches are dead-man type and 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 deliberate 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 clamps & Roll-Haulers™ equipped with roll posts or non-rotating forks.

TRIAL TOWARD PURCHASE PROGRAM AVAILABLE ON MOST MODELS
Non-Rotating Drum-Haulers™ models provide a more 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 nearly all chimed plastic, fiber and steel drums. The powered lift and travel features allow any operator to:

- Handle drums/rolls in confined areas and aisles
- Transport up and down ramps or sloped surfaces
- 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 and overseas 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 up to 1500 lb / 681 kg.

Popular options include:

- Eagle-Grip™ 4 double clamping mechanism
- Scale systems: 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 berms

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

An Eagle-Grip™ 4 double clamping mechanism is recommended 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 also necessary when gripping the drums with the lid removed.

TRIAL TOWARD PURCHASE PROGRAM AVAILABLE ON MOST MODELS
Handling Mauser style European plastic drums requires special modifications to the clamping mechanisms. These mechanisms are available in single (EG3M) and double clamps (EG4M) configurations. If handling Mauser style drums as well as standard chimed drums, it will be necessary to purchase an additional clamp of either type. Clamping mechanisms are interchangeable for gripping Mauser style and conventional chimed drums.

Model DH80040DCM-EE-IS with 40” of lift, EG4 double clamping mechanism, “EE” rating and IS scale.

Model DH80096-S with shortened 46.5” base frame length, 96” vertical lift, EG3 single clamping mechanism, and non-intrinsically-safe scale system.
Drum-Haulers are available with 24” of extended reach to grip all four drums from one side of a pallet.

**DRUM-HAULERS™ WITH LIGHT-DUTY CLAMPS FOR HANDLING EMPTY OR LIGHT WEIGHT DRUMS**

The handling of light weight steel drums requires the use of an EG1 clamping mechanism in lieu of the standard EG3 model. The EG1 clamp can handle drums weighing as much as 1000 lb., but is not designed to handle fiber drums.
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 drums from 9" to 24" in diameter. Special models are available for larger container diameters. "SR" clamps rotate drums 360 degrees left or right. "FSR" clamps rotate 180 degrees forward & back.

Both SR and FSR rotators are available with pony hold-downs for handling tapered plastic drums. For smaller containers, a solid base can be incorporated into the rotator to be used with pull straps and pony hold-downs on both forward and side rotation models.
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 can securely grip plastic, fiber and steel drums with diameters from 20” to 24”. Small drum adapters are available for smaller diameter drums. Optional Anti-drift motors prevent the clamp from drifting when dispensing viscous material over long time periods. Available finishes are safety orange powder coating, “FDA” approved gray epoxy powder coating or stainless steel construction.

Model DH80072FCRSP with optional: FDA approved powder coating and battery roll-out tray.
Optional scales and/or printers are available for dispensing drum contents by weight, eliminating the need to pre-weigh materials prior to dispensing.

We offer Doran, Rice Lake, Fairbanks and Mettler-Toledo scale indicators for non-intrinsically safe applications and explosion-proof scale indicators for FM approved "EE" rated Haulers.

This stainless FCR clamp is shown above with a small drum adapter, adjustable clamping pressure and anti-drift motor options. The model shown below was built with stainless steel clamp, mast and base frame.
DRUM-HAULERS™ WITH SIDE CLAMP ROTATORS – CR CLAMP
FINISHED IN SAFETY ORANGE POWDER COATING

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 and base frame lengths from 41.75" to 54", these models are capable of transporting drums through standard doorways and work well in tight production areas. Drum-Haulers with CR clamps are capable of both removing or placing drums from; pallets, pallet racking, cabinets, conveyors and spill pallets. Drum-Haulers equipped with scales eliminate the need for several pieces of equipment including floor scales in congested production areas as they can dispense drum by weight. Capacity is 800 lb / 363 kg but optional to 1000 lb / 453.7 kg Lift heights available up to 144" / 3658 mm

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

Model DH60060CR-S with 41.75" shortened base frame and scale option

Model DH60096CR-S with 46.5" shortened base frame and scale
DRUM-HAULERS™ WITH SIDE CLAMP ROTATORS – CR CLAMP FINISHED IN FDA APPROVED EPOXY POWDER COATING FOR FOOD AND PHARMACEUTICAL APPLICATIONS

FDA epoxy powder coating option includes stainless steel hardware and non-corroding lift and rotation chains. As an option, the clamping jaws or the entire clamp can be purchased in stainless steel.

Model DH70048CRSP-S with 41.75" length shortened base frame

Narrow width mast plate for tight congested areas

Scale option with Doran 2200 numeric keypad and strobe light

Adjustable clamping pressure and line guard options

Model DH60072CRSP with 41.75" shortened base frame and battery tray roll-out tray.

The model DH80096CRSP (shown right) with standard 54" base frame length.
DRUM-HAULERS™ WITH SIDE CLAMP ROTATORS – CR CLAMP
STAINLESS STEEL CONSTRUCTION
FOR FOOD AND PHARMACEUTICAL APPLICATIONS

The stainless steel Model DH70048CRSS has a 46.5" length base frame and single stage mast with an enclosed battery box for easy cleaning in GMP applications.

The stainless steel machine shown below features optional: side shifter, FM approved “EE” rating, battery roll-out tray and 24” of extended reach to grip drums on the opposite side of a pallet.
The RCR1324-8 clamp is a fixed pad clamp that grips drum diameters 13”/330 mm to 24”/609 mm. The optional small drum adapter permits handling of smaller containers down to 9”/228 mm in diameter.

The RCR 1626-8 clamp is a pivoting pad clamp that grips materials from 16”/406.40kg. to 26”/660 kg. 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 the back pad forward reducing the clamp diameter range. Two stainless steel pins and lanyards secure the adapter in place in seconds.

TRIAL TOWARD PURCHASE PROGRAM AVAILABLE ON MOST MODELS
When handling very heavy plastic or fiber drums it may be necessary to add either a pony hold-down or foot arrangement to reduce the risk of slippage from the clamping jaws. Both the CR and FCR clamping jaws have two pre-drilled and tapped locations for easy installation. The foot support faces out to enable clamping of the drum from a pallet. After clamping and lifting the drum, the foot can be adjusted up or down as necessary and rotated 180 degrees as shown in the photos below. The pony-hold down provides a similar support to eliminate a slippage risk when the drum is rotated. Pony-hold downs may be necessary when handling tapered plastic drums. Both supports are constructed in stainless steel.

**AVAILABLE OPTIONS:**

**SMALL DRUM ADAPTERS FOR CR & FCR CLAMPS**

Optional Small Drum Adapters fits both CR and FCR clamps allowing the clamp to grip drums from 20"/ 508mm to 14"/ 356 mm in diameter. The SDA1420 is comprised of two individual curved sections with white non-marking rubber vulcanized to the metal curves. Each curve is slid onto each side of the clamp then locked in place by inserting a stainless steel pin with lanyard. Small drum adapters are available in orange powder coating, FDA metallic silver powder coating or stainless steel.

**5 GALLON PAIL ADAPTERS FOR CR & FCR CLAMPS**

Optional adapters are specifically designed to grip 5-gallon plastic and steel pails for dispensing. Due to the necessity to clamp the pail from the bottom, it is required to have the pallets elevated by having two pallets under the pails before clamping. Adapters are secured by stainless pin with lanyards.

**PONY HOLD-DOWNS & FOOT SUPPORT OPTIONS**

When handling very heavy plastic or fiber drums it may be necessary to add either a pony hold-down or foot arrangement to reduce the risk of slippage from the clamping jaws. Both the CR and FCR clamping jaws have two pre-drilled and tapped locations for easy installation. The foot support faces out to enable clamping of the drum from a pallet. After clamping and lifting the drum, the foot can be adjusted up or down as necessary and rotated 180 degrees as shown in the photos below. The pony-hold down provides a similar support to eliminate a slippage risk when the drum is rotated. Pony-hold downs may be necessary when handling tapered plastic drums. Both supports are constructed in stainless steel.
HEAVY-DUTY GUARDING FOR HYDRAULIC COMPONENTS

Now standard for 2017, heavy-duty line guards are included on all side rotation clamps. As this was an option prior to 2017, many photos in this brochure do not show this former option feature. Line guards save on shipping damage, repair costs and down time by protecting hydraulic lines, pumps, reservoirs and cartridge valves located behind all side rotating clamps. Line guards also help reduce cleaning time of the clamp components in food and pharmaceutical applications.

ADJUSTABLE CLAMPING PRESSURE OPTION

All drum and roll clamps are available with an optional adjustable clamping pressure regulator and gauge. The adjustable clamping pressure option permits the operator to lower the factory set clamping pressure exerted on the drum or roll depending on clamp and application. This option is perfect for lowering the clamping pressure for light weight fiber drums or sensitive film materials that do not require the clamping pressure of heavier rolls.
**AVAILABLE OPTIONS:**
**SIDE SHIFTER FOR SIDE ROTATING 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 of the center position. This enables the operator to side shift the clamp to the left or right, which can be a useful tool when trying to dispense material into small reactor openings. For roll handling applications, side shifters aid the operator in positioning rolls onto converting machines. Side shifters are only available on side rotation clamps.

**BATTERY ROLL-OUT TRAY WITH CONVEYOR STAND TO SUPPORT EXTRA BATTERY AND CHARGER**

All Haulers can run continuously for 16 hours before recharging of the battery is required. For 3-shift operations, an optional battery stand is available with two short conveyors to hold one additional battery providing quick battery changes. Stand conveniently supports the charger above. Also Included is a removable door on the Hauler with conveyor at the same height as the stand. An extra battery must be ordered separately which charges on the stand while the Hauler operates on the other battery.

The battery stand option also includes a removable door in the Drum/Roll-Hauler with the battery resting on a small conveyor. Stands are built according to battery height. Battery heights vary on Haulers with shortened base frame lengths and rated capacity.
DRUM-HAULERS & ROLL-HAULERS WITH SIDE CLAMP ROTATORS
RCR 1626-8 CLAMP

RCR1626-8 Clamp - Open Position - Grips drums or rolls as large as 26"/660 mm in diameter

RCR1626-8 Clamp - Closed Position – Grips drums/rolls as small as 16"/406 mm in diameter

Small Drum and Roll Adapter when inserted into clamp grips diameters as small as 11"/280 mm

TRIAL TOWARD PURCHASE PROGRAM AVAILABLE ON MOST MODELS

Model RH100054RCR with RCR1626-16 Clamp
ROLL-HAULERS™ WITH SIDE CLAMP ROTATORS
RCR 2336-16 CLAMP

RCR 2336-16 Clamp - Open Position
Handles rolls as large as 36"/914 mm in diameter

RCR 2336-16 Clamp - Closed Position
Handles rolls as small as 23"/584 mm in diameter

RCR 2336-16 Clamp - Small Roll Adapter
Handles rolls as small as 18"/457 mm in diameter

Model RH60048RCR 2336-16 with 41.75" shortened base frame length

Model RH90048RCR 2336-16

TRIAL TOWARD PURCHASE PROGRAM
AVAILABLE ON MOST MODELS
The RCR3148-16 clamp grips roll materials from 31”/787.4 mm to 48”/1219 mm in diameter. The weight capacity is limited to 600 lb/272.2 kg. Like other RCR style clamps a small roll adapter is available to grip rolls smaller than 31” in diameter.

Both the SRCR 1226-16 clamp and the LRCR 2040-16 Clamp were designed for gripping rolls from the floor while in a horizontal position as well from vertical orientation. The long moving clamping arm of SRCR clamp has an adjustable position to increase the range of diameters rolls it can grip. 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 on both clamps acts as a scooping arm is inserted under the roll when 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 SRCR clamp is 12”/304.8 mm to 26”/660.4 mm. The weight capacity is limited to 600 lb/272.2 kg. Like other RCR style clamps a small roll adapter is available to grip rolls smaller than 31” in diameter.
**CCR 513-16 CYLINDER CLAMP**

The CCR 513-16 cylinder clamp is ideal for clamping cylindrical objects from 5"/127 mm to 13"/330 mm in diameter. The rear clamping pad is adjustable to three positions by means of two stainless steel pins. With the rear clamping pad fully extended, the clamp can grip diameters as small as 5"/127 mm. Capacity 1200 lb.

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**CLAMPS FOR SPECIAL APPLICATIONS**

Through the years, Easy Lift Equipment has designed clamp rotators for a wide variety of applications: such as pallets, doors, electronic racks and a great many containers. Please contact us to discuss your special handling project for alternative solutions.

The RCR1324-8 clamp with offset clamping jaws was designed for gripping very short heavy drum like containers from floor level. The model DH60048RCR was finished in an FDA white powder coating.

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**ROLL-HAULERS WITH ROLL-POSTS**

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.

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

Easy Lift Equipment 800-233-1800 www.easylifteqpt.com
Both the Model RH4000 and RH6000 were designed for lifting and transporting large rolls weighing up to 4000 lb/1815 kg. and 6000 lb/2722 kg. The lifting forks are equipped with fixed, cushioned roll supports to protect the rolls surface when lifted. These supports cushion and lift large diameter rolls several inches above the floor for safe and easy transport. The length of the roll supports can be 36”, 48” or 60” depending on the customers’ requirements. An adjustable position stabilizing bar, is provided to increase safety when transporting narrow width rolls or coils. All models have the same standard features of other Drum & Roll Haulers but use a slightly smaller Deka 12D85-7 24-volt industrial battery than the standard Deka 12D85-9.

Cushioned roll cradles are installed to support a range of roll diameters.
HAULERS WITH FORKS - COUNTER-BALANCED WALKIE STACKERS

Model CW60084F with 24" forks and load back rest. 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. For custom applications, forks can be attached to rotators or clamp rotators.

HAULERS FOR MOVING TANKS

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