MORSE®

The Specialist In Drum Handling Equipment

2017

MADE IN U.S.A.

GET a GRIP+GO™

Power-Grip Fork Mount Drum Handler
FULLY invert drum... Turn forward 180°

Inside. . .

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MORSPEED 1000™

DRUM TUMBLR™

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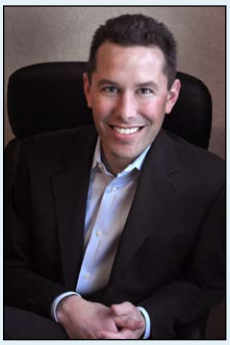
You get MORE with MORSE



Since 1923 Morse Manufacturing has been dedicated to giving you more - and in today's world of increased domestic and international competition you should expect more. What can you expect from Morse Manufacturing?

- **Customer Service:** Expect personal attention from one of our customer service representatives. Visit the Company Directory on our web site, give us a call and let us get to know you personally.
- **Dealer Support:** We value your time and your knowledge! You can expect assistance with any drum-handling question when you contact us.
- **Product Support:** If you have a technical question, expect to speak with one of the design engineers themselves. We strive to make sure you get the product that meets your needs.
- **Product Selection:** Morse offers the most extensive line of drum-handling equipment. If you don't see what you need in our standard offering, our custom capabilities will help to meet your needs.
- **Product Quality:** Every Morse Product design was professionally engineered inhouse to exceed industry standards. You see foreign products that look like a Morse? Know with confidence who designed the original! We are so confident in our products, our skilled employees, our certified welders, and our production process that we offer a 2-Year Guarantee against all defects.
- **Product Information:** Current and informative product literature and parts diagrams. Visit the literature pages on our web site. We labor tirelessly to keep our literature up to date and you informed of any product introductions or changes.
- **History:** With a history of over 90 years, you can expect us to provide you with replacement parts or product upgrades when you need them in the future - 5, 10, or 20 years from now. Morse is committed to manufacturing our products in the USA.

Thanks for considering Morse for your drum handling needs. Please feel free to contact us.

Nathan Andrews
President
Phone: (315) 437-8475
Email: info@morsedrum.com

GET a GRIP+GO™

Power-Grip Fork Mount Drum Handler
FULLY invert drum... Turn forward 180°

MORSPEED 1000™

Capacity: 1000 Lb. (454 kg)

MORSPEED 1000 ™ Forklift Attachment allows you to lift and move a drum without leaving your fork truck. Raise and lower the forks to grab and release a drum. Handle a rimmed plastic, steel or fiber drum with lid on and secure.

Move More Drums with *MORSPEED* ™

See page 7

DRUM TUMBLR™

- **Thorough "corner-over-corner" mixing right inside a drum**
- **Tumble a steel, plastic or fiber drum**
- **Load with crane or hoist**

See page 10

Drum Tumblr ™

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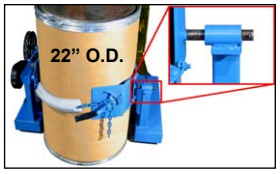
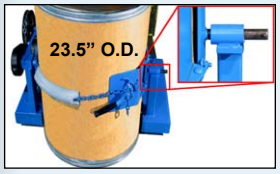
MORCINCH™

Drum Handling System to Handle Almost Any Drum

VIDEOnline





MORCINCH™ Drum Holder automatically adjusts for 22" to 23.5" (56 to 59.7 cm) diameter drum

Flexible cinch chain cover enhances grip and helps protect drum sidewall. . .

. . .or order Web Strap and Ratchet option

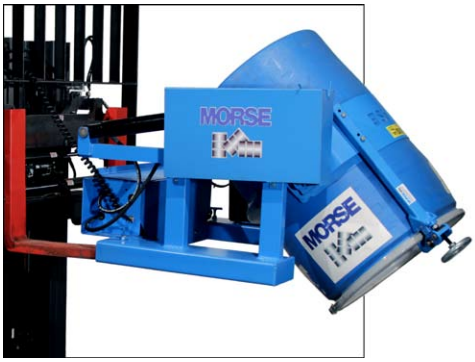
Top Rim Clamp for Rimmed Drum

Install **Top Rim Clamp** onto the MORCINCH™ drum holder to grip the upper rim of drum to prevent it from slipping. Use to handle a 55-gallon (210 liter) rimmed plastic or fiber drum. To safely handle a 55-gallon plastic drum, you **MUST** install either the Bracket Assembly or Top Rim Clamp.

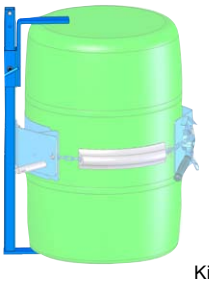
Kit # 4560-P - Rim Clamp

Kit # 4560M-P - Spark Resistant

KIt # 4560SS-P - Stainless Steel



Bracket Assembly for Rimless Drum



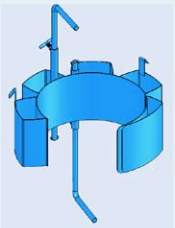
Bolt the **Bracket Assembly** onto the MORCINCH™ drum holder as a brace at top and bottom of drum to prevent it from slipping. It is **REQUIRED** for handling a rimless plastic drum, and recommended to more securely handle a fiber drum. Adjusts for 31" to 39" (79 to 99 cm) tall drum.

Kit # 4556-P - Bracket Assembly

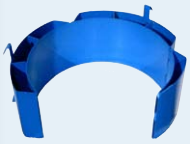
Kit # 4556M-P - Spark Resistant

Kit # 4556SS-P - Stainless Steel

Diameter Adaptors for Smaller Drums



Diameter Adaptor with hold-down brackets



Model 55/30-19

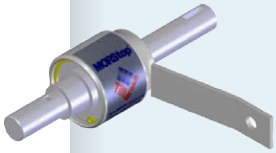
Handle multiple drum sizes with the same drum handler. Add the correct size Diameter Adaptor for each smaller drum. Adaptors simply and quickly place into and remove from the MORCINCH™ drum holder.

Adaptors for 17.5" (44.5 cm) diameter and smaller have adjustable hold-down brackets for up to a 38" (96.5 cm) tall drum.

Use Bracket Assembly (4556-P) with larger Diameter Adaptors.

Stainless steel and spark resistant adaptors also available.

MORStop™ Tilt-Brake™



We recommend the MORStop Tilt-Brake™ to automatically hold the drum tilt angle and prevent uncontrolled turning, even when drum contents shift.

Option 3900i-P

MORStop Tilt-Brake™ factory installed on manual tilt drum handler

Drum Cones

Attach a cone to a drum to control the pour of dry materials and reduce dust through a 6" discharge opening. Each cone is sized for a specific drum diameter. Available from 15.5" diameter up to 23.5" (39.4 to 59.7 cm). Choose centered cones with 45° angle, or longer cone with 60° angle. Asymmetric cone (shown right) is offset.

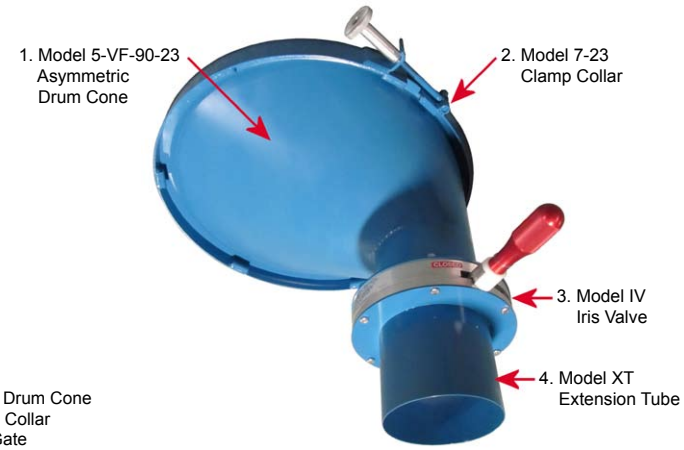
Drum Cones are available in mild steel or type 304 stainless steel.

1. Model 5-VF-45-23 Drum Cone
2. Model 7-23 Clamp Collar
3. Model IV Iris Valve

1. Model 5SS-VF-45-23 Stainless Steel Drum Cone
2. Model 7SS-23 Stainless Steel Clamp Collar
3. Model SG-SS Stainless Steel Slide Gate

Four Separate Compenents:

1. Drum Cone: Choose 45°, 60° or asymmetric
2. Clamp Collar to secure cone to drum
3. Valve: Choose Iris Valve or Slide Gate
4. 5" Long Extenxion Tube



400 Series
Hydra-Lift Karriers
Lift an 800 Lb. drum and pour up to 96” (244 cm) high

VIDEOnline

- **Lift, move and pour a drum up to 8’ high**
- **Models with power lift and tilt**
- **Rotate drum 360⁰ in either direction**
- **The MORCINCH™ Drum Handling System** (page 3) **handles various sizes of plastic, steel or fiber drum**
- **All models available in type 304 Stainless Steel**

Safety conscious way for one person to easily handle a heavy drum. You control the drum tilt angle to dispense drum contents. Attach a faucet or drum cone to control pouring.

The MORCINCH™ Drum Holder automatically adjusts for 22” to 23.5” (56 to 59.7 cm) diameter drum.

Feature MORCINCH™ Drum Handling System (page 3) for plastic drum, fiber drum or smaller drums.

Order Hydra-Lift Karriers with AC, DC or Air power lift and tilt.

Spark resistant models available.

Model 400A-96-110
96” (244 cm) maximum pour height, AC power lift and tilt

Model 400A-96SS-125
Stainless Steel frame, 96” (244 cm) maximum pour height, Battery power lift, manual tilt

Model 400A-72
72” (183 cm) maximum pour height, hand pump drum lift, chain wheel drum tilt. Shown with Bracket Assembly (page 3) to more securely hold a fiber drum, and **REQUIRED** for a rimless plastic drum.

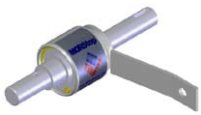
410 Series
Heavy-Duty Hydra-Lift Karriers
Lift a 1200 Lb. drum and pour up to 72” (183 cm) high

VIDEOnline

Heavy-Duty Hydra-Lift Karriers feature a twin boom overhead assembly with two lift cylinders. The lower frame has parallel legs and nylon wheels.

Features the MORCINCH™ Drum Handling System (page 3).

Model 410-110 shown has electric power lift and tilt



We recommend the **MORStop Tilt-Brake™** (Option 3900i-P) installed to automatically prevent unwanted drum tilting, even when drum contents shift.

Power Options

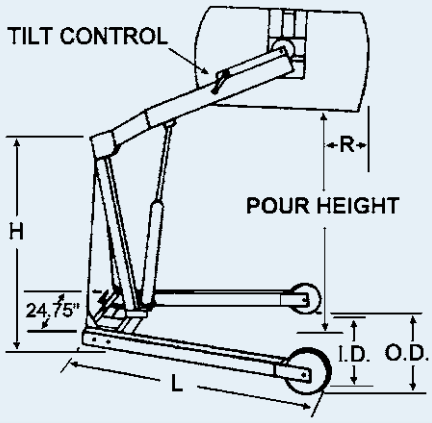
Option #	Description
110	AC Power Lift and Tilt
114 *	Air Power Lift and Tilt
115	Battery Power Lift and Tilt
120	AC Power Lift, Manual Tilt
124 *	Air Power Lift, Manual Tilt
125	Battery Power Lift, Manual Tilt

* Requires Filter, Regulator, Lubricator (part # 3869i-P)

Manual Tilt Control Options

Option #	Description
X02	Hand Crank
X03	16” (14.6 cm) Diameter Hand Wheel
3900i-P	MORStop Tilt-Brake™ factory installed on new unit
3900-P	MORStop Tilt-Brake™ field install on existing unit

Dimensions (refer to chart)



Dimensions

Model #	Capacity	Pour Height	R (Reach)	H (Height)	L (Length)	O.D.	I.D.	Tilt Control
400A-60	800 Lb. (363 kg)	72” (183 cm)	6” (15.2 cm)	55” (140 cm)	60” (152 cm)	44” (112 cm)	37” (94 cm)	Hand Crank
400A-72	800 Lb. (363 kg)	72” (183 cm)	6” (15.2 cm)	55” (140 cm)	60” (152 cm)	44” (112 cm)	37” (94 cm)	Chain Wheel
400A-96	800 Lb. (363 kg)	96” (244 cm)	- 4” (-10.2 cm)	69” (175 cm)	72.5” (184 cm)	49” (124 cm)	42” (107 cm)	Chain Wheel
410	1200 Lb. (544 kg)	72” (183 cm)	1” (2.5 cm)	53” (135 cm)	60” (152 cm)	36” (91 cm)	27” (69 cm)	Chain Wheel

Manual lift and tilt models have hand pump drum lift, and manual drum tilt control.

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Model 520-110
106" (269 cm) pour height, AC power lift and tilt

510 and 520 Series
Vertical-Lift Drum Pourers

- **Lift, move and pour a drum up to 106" high**
- **Easy to maneuver with tight turning radius**
- **Compact base provides small foot print**
- **Lifts drum straight up**
- **Rotate drum 360⁰ in either direction**
- **The MORCINCH™ Drum Handling System** (page 3) **handles various sizes of plastic, steel or fiber drum**

Vertical-Lift Drum Pourers allow you to control the lift height and pouring angle of your drum weighing up to 800 Lb. (363 kg) Rotate a drum 360⁰ in either direction, and pour up to 106" (269 cm) high. Power lift and tilt provide easy, ergonomic drum handling.

The MORCINCH™ Drum Handling System (page 3) enables handling a plastic drum, fiber drum, and various sizes of smaller drums. The flexible cinch chain cover helps protect the sidewall of your drum.

Stainless steel models, and spark resistant models available.

VIDEOnline

Models made of type 304 stainless steel are often required in food and pharmaceutical applications.

515 and 525 Series
Scale-Equipped Vertical-Lift Drum Pourers

Allow you to weigh as you pour! Eliminate the need to move a drum to a separate scale. Dispense exactly how much you need as you view drum weight on built in scale indicator.

Two Scale Types Available

"T" Type Intrinsically safe scale indicator for use in hazardous areas.

"N" Type scale indicator NOT for hazardous environments.

Model 515-T-114
Has 60" (152 cm) pour height, is scale-equipped with intrinsically safe indicator, and has air power lift and tilt.

Example Vertical-Lift Drum Pourers			
Model #	**Pour Height**	**Scale Type**	**Power Option**
510-115	60" (152 cm)	No Scale	115
520-125	106" (269 cm)	No Scale	125
515-T-114	60" (152 cm)	T	114
525-N-124	106" (269 cm)	N	124

See all Models @ morsedrum.com

< PILOT >

Power-Propelled Drum Handlers

VIDEOnline

Model # 900
< PILOT > Power Propelled Drum Pourer

Transport, lift and dispense a drum up to 10.5 feet (3.2 m) high! Fully invert drum in just 8 seconds.
The MORCINCH™ Drum Handling System (page 3) enables handling a plastic drum, fiber drum, and various sizes of smaller drums.
Capacity is 1500 Lb. (680 kg).

Model # 905
< PILOT > Scale-Equipped Power Propelled Drum Pourer

Adds scale to weigh drum during pour to dispense just the amount needed.
Capacity is 800 Lb. (363 kg).

Familiar controls for propulsion and steering. Raise and Lower Buttons built into handle. Straddle pallet up to 50" (127 cm) wide. Adjust for various pallet sizes. Built-in battery charger plugs into standard 110V AC outlet.

Model # 915
< PILOT > *MORSPEED* ™ Drum Mover / Stacker

Lift and move an upright drum up to 9.5 feet (2.9 m) high!
Proven *MORSPEED* ™ drum grabber is a safety conscious method of handling almost any rimmed drum.
Completely mechanical and automatic drum grab does not require any manual contact with drum. Mechanism automatically releases drum when you set it down.
Capacity is 1500 Lb. (680 kg).

Model # 910
< PILOT > MORStak™ Drum Racker

Rack a rimmed 55-gallon (210 liter) steel or plastic drum up to 10.5 feet (3.2 m) high!
MORStak™ Drum Racker to move drums on and off racks, pallets, etc. Lift an upright drum and tilt to place in horizontal position. Rack drums side-by-side with virtually zero clearance between them. Lift drum with faucet in place to use rack as a dispensing station.
Capacity is 800 Lb. (363 kg).

VIDEOnline

- **Lift, move, and pour a drum with your forklift**
- **Rotate drum 360⁰ in either direction**
- **The MORCINCH™ Drum Handling System** (page 3) **handles various sizes of plastic, steel or fiber drum**

Turn your forklift into a safety conscious drum handler with a Morse Forklift-Karrier. Lift, move and control pouring of a heavy drum right from the seat of your forklift. Forklift-Karriers mount quickly and easily onto the forks, requiring no power connections or modifications to your truck.

You may attach a Drum Cone, faucet or valve to control dispensing.

Models with spark resistant parts are available. Stainless steel models are made on a custom basis.

We highly recommend the **MORStop Tilt-Brake™** Option factory installed on each 800 Lb. (363 kg) and 1500 Lb. (680 kg) capacity Forklift-Karrier with manual tilt. It automatically holds the drum tilt angle, even when contents shift.

Model #	Capacity	Description
Forklift-Karriers with MORCINCH™ Drum Handling System		
285A	800 Lb. (363 kg)	Standard duty Forklift-Karrier
285AM	800 Lb. (363 kg)	Standard duty Forklift-Karrier with spark resistant parts
285A-HD	1500 Lb. (680 kg)	Heavy-duty Forklift-Karrier
285AM-HD	1500 Lb. (680 kg)	Heavy-duty Forklift-Karrier with spark resistant parts
Forklift-Karrier with Two Web Straps for 55-Gallon Steel Drum		
285A-GR	2000 Lb. (907 kg)	Extra Heavy-Duty Forklift-Karrier
Forklift-Karriers with 3-Piece Drum Holder for 55-Gallon Steel Drum		
285G	800 Lb. (363 kg)	Standard duty Forklift-Karrier with 3-piece drum holder
285G-HD	1500 Lb. (680 kg)	Heavy-duty Forklift-Karrier with 3-piece drum holder
285XGR	2500 Lb. (1134 kg)	Super-Duty Forklift-Karrier
285XMGR	2500 Lb. (1134 kg)	Super-Duty Forklift-Karrier with spark resistant parts

Model 285A

Forklift-Karrier

800 Lb. (363 kg) capacity. You control drum tilt with 30:1 ratio gear and sprocket drive.

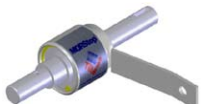
The MORCINCH™ Drum Handling System (page 3) enables handling a plastic drum, fiber drum, and various sizes of smaller drums.

Model 285A-HD

Heavy-Duty Forklift-Karrier

Handle drum up to 1500 Lb. (680 kg) Provides finer tilt control with 60:1 ratio gear and sprocket drive.

Features the MORCINCH™ Drum Handling System (page 3) to handle almost any drum.



We recommend the **MORStop Tilt-Brake™** (Option 3900i-P) installed to automatically prevent unwanted drum tilting, even when drum contents shift.

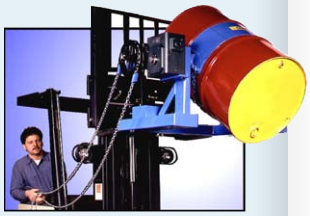
Manual Tilt Control Options

Option #	Description
X02	Hand Crank
X03	Hand Wheel
3900i-P	MORStop Tilt-Brake™ factory installed on new unit
3900-P	MORStop Tilt-Brake™ field install on existing unit

GR Models have enough resistance in the Gear Reducer to hold drum tilt angle, and do not need MORStop Tilt-Brake ™

Model 285A-GR

Extra Heavy-Duty Forklift-Karrier



Provides 2000 Lb. (907 kg) capacity with an enclosed worm gear speed reducer for drum tilt control with 150:1 ratio. It has two web straps to secure the drum in the holder.

Model 285XGR

Super-Duty Forklift-Karrier

Handle extremely heavy drum up to 2500 Lb. (1134 kg). Designed with a heavily reinforced 3-piece drum holder, and an enclosed worm gear speed reducer with 150:1 ratio for drum tilt control.

Forklift-Karriers with Battery Power Tilt

VIDEOnline

Model 285A-BP - 1500 Lb. Capacity

Model 285XBP - 2500 Lb. Capacity

Use a two-button pendant or optional wireless tilt control (shown) to pour a drum with your fork truck. 285A-BP fully inverts drum in 15 seconds, 285XBP in 26 seconds. On board battery and charger are included. No power connection or modification of your truck required. Handle: 55-gallon steel drum.

Model 285A-BP features the MORCINCH™ Drum Handling System (page 3) to handle almost any drum.

Model #	Capacity	Description
285A-BP	1500 Lb. (680 kg)	Battery powered tilt. Accepts MORCINCH™ options (page 3)
285XBP	2500 Lb. (1134 kg)	Battery powered tilt.
4804i-P	- -	Wireless Control Option factory installed

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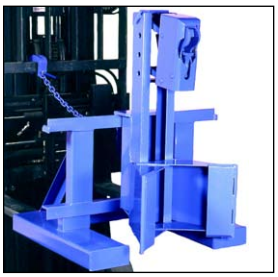
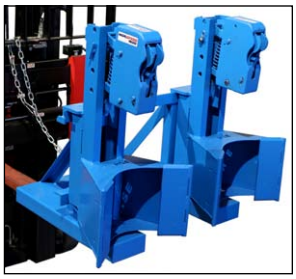
MORSPEED 1500 ™

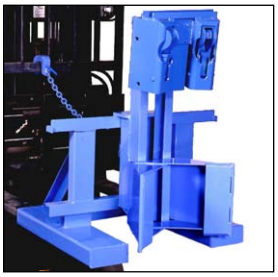
Capacity: 1500 Lb. (680 kg) per drum



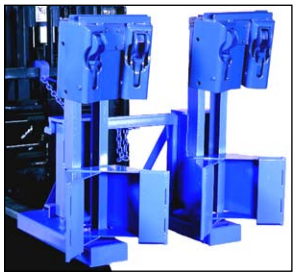
Model 288-1 is designed to handle 1 drum



Model 288-2 is designed to handle 1 or 2 drums

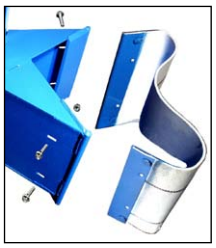


Model 288-1-2H has 2 heads to handle 1 drum



Model 288-2-2H handle 1 or 2 drums at a time with two heads per drum

Wide contoured *MORSPEED* ™ jaws securely grasp rimmed drum. The encased mechanism provides reliable, automatic drum gripping. Models with two heads per drum reduce stress on the drum by distributing the weight between two sets of jaws.



Optional Belt Kit # 2523-P helps protect drum sidewall

Move More Drums with *MORSPEED* ™

- **Lift and move drums with your forklift**
- **Mounts on forks in seconds with no tools**
- **No power connections**
- **Simply raise forks to grip drum**
- **Steel jaws grip upper rim of steel, plastic or fiber drum**

Load drums onto trucks or pallets. Even handle damaged or straight walled drums. Will handle any diameter drum.

MORSPEED 1500 ™ Requires 75 Lb. (34 kg) per drum to actuate jaws. Models with two heads per drum require at least 350 Lb. (159 kg).

Requires 24" (61 cm) minimum drum height.

MORSPEED 1000 ™

Capacity: 1000 Lb. (454 kg)

Handle a rimmed plastic, steel or fiber drum with lid on and secure

Model 286-1 single drum handler
Model 286M-1 adds spark resistant parts

The *MORSPEED* 1000 ™ Forklift Attachment allows you to lift and move a 1000 Lb. (454 kg) drum without leaving your fork truck. Raise the forks to grab drum, and lower to floor or pallet to release. The steel jaws are contoured to securely grasp the drum rim. Jaw mechanism is mechanical and automatic.

- Requires 50 Lb. (23 kg) drum to actuate jaws
- Requires minimum 15" (38 cm) drum height

All *MORSPEED* ™ Forklift Attachments

- Require 16.5" (41.9 cm) between the forks
- Each fork pocket opening is 6.5" wide x 2.5" tall (16.5 x 6.35 cm)

MORStak ™ Forklift Mounted Drum Rackers

A safety conscious way to rack drums with your forklift. Lift a rimmed 55-gallon (210 liter) steel or plastic drum weighing up to 800 Lb. (363 kg). Rack drums side by side with virtually zero clearance between drums. Handle a drum with faucet in place to use rack as a dispensing station.

Has self-contained battery-powered drum tilt that the forklift operator controls with a pendant, or with optional wireless control. Manually engage positive drum grip to lift an upright drum or tilt drum from horizontal. MORStak™ drum rackers do not allow drum tilting without grip engaged.

Model #	Description
289F	Fork mounted drum racker
289C	Carriage mounted drum racker
4804i-P	Wireless Tilt Control Option factory installed

Model 289F

VIDEOnline

Model 185A Kontrol-Karrier

Has 800 Lb. (363 kg) capacity. You control drum tilt with 30:1 ratio gear and sprocket drive.

The MORCINCH™ Drum Handling System (page 3) enables handling a plastic drum, fiber drum, and various sizes of smaller drums.

Lift, move and control pouring of your heavy drum with a Morse Kontrol-Karrier attached to your hoist or crane.

Models with spark resistant parts available. Stainless steel models also available.

Model 185A-HD Heavy-Duty Kontrol-Karrier

Handle drum up to 1500 Lb. (680 kg). Provides finer tilt control with 60:1 ratio gear and sprocket drive. Features the MORCINCH™ Drum Handling System (page 3) to handle almost any drum.

Model 185A-GR Extra Heavy-Duty Kontrol-Karrier

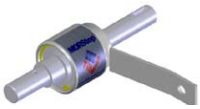
Provides 2000 Lb. (907 kg) capacity with an enclosed worm gear speed reducer for drum tilt control with 60:1 ratio. It has two web straps to secure the drum in the holder.

Model 185XGR Super-Duty Kontrol-Karrier

Handle extremely heavy drum up to 2500 Lb. (1134 kg). Designed with a heavily reinforced 3-piece drum holder, and an enclosed worm gear speed reducer with 150:1 ratio for drum tilt control.

- **Lift, move, and pour a drum with your hoist or crane**
- **Rotate drum 360⁰ in either direction**
- **The MORCINCH™ Drum Handling System** (page 3) **handles various sizes of plastic, steel or fiber drum**
- **Every Morse Below-Hook Drum Handler is load tested at the factory as per American National Standard ASME B30.20 and a load test certificate is shipped enclosed with each unit.**

Model #	Capacity	Description
Kontrol-Karriers with MORCINCH™ Drum Handling System		
185A	800 Lb. (363 kg)	Standard duty Kontrol-Karrier
185AM	800 Lb. (363 kg)	Standard duty Kontrol-Karrier with spark resistant parts
185A-HD	1500 Lb. (680 kg)	Heavy-duty Kontrol-Karrier
185AM-HD	1500 Lb. (680 kg)	Heavy-duty Kontrol-Karrier with spark resistant parts
185A-HDSS	1500 Lb. (680 kg)	Stainless steel heavy-duty Kontrol-Karrier
Kontrol-Karrier with Two Web Straps. For 55-Gallon Steel Drum only.		
185A-GR	2000 Lb. (907 kg)	Extra Heavy-Duty Kontrol-Karrier
Kontrol-Karriers with 3-Piece Holder for 55-Gallon (210 liter) Steel Drum only		
185G	800 Lb. (363 kg)	Standard duty Kontrol-Karrier with 3-piece drum holder
185G-HD	1500 Lb. (680 kg)	Heavy-duty Kontrol-Karrier with 3-piece drum holder
185XGR	2500 Lb. (1134 kg)	Super-Duty Kontrol-Karrier
185XMGR	2500 Lb. (1134 kg)	Super-Duty Kontrol-Karrier with spark resistant parts



We recommend the MORStop Tilt-Brake™ (Option 3900i-P) installed to automatically prevent unwanted drum tilting, even when drum contents shift.

Manual Tilt Control Options

Option #	Description
X02	Hand Crank
X03	Hand Wheel
3900i-P	MORStop Tilt-Brake™ factory installed on new unit
3900-P	MORStop Tilt-Brake™ field install on existing unit

GR Models have enough resistance in the Gear Reducer to hold drum tilt angle, and do not need MORStop Tilt-Brake ™

195 Series Power-Tilt Kontrol-Karriers

VIDEOnline

Provide the ease of powered drum rotation 360⁰ in either direction. Fully invert your drum in 15 seconds with an AC 2-button pendant (shown) or a hand-held control valve on air powered models. Handle 55-gallon (210 liter) steel drum up to 1500 Lb. (680 kg). Accepts Bracket Assembly for plastic or fiber drum, Diameter Adaptors for smaller drums.

Model #	Description
195A-1-115	AC power-tilt, 1-phase/115V motor
195A-3-230	AC power-tilt, 3-phase/230V motor
195A-3-460	AC power-tilt, 3-phase/460V motor
195A-A	Air motor power-tilt
195GM-A	Air motor power-tilt, spark resistant parts

Model 195A-1-115 shown

85 Series Drum Karriers

Model 85i shown

Lift, move and pour a drum within your reach. Lift a drum with your crane. Then you grasp the drum by hand and manually control the tilt angle. Use the built-in tilt lock to hold the drum in horizontal position to pour, or upright for transporting.

Capacity: 800 Lb. (363 kg)

Model	Description
85i	For 55-gallon (210 liter) steel drum, accepts adaptors
85A	For 55-gallon (210 liter) steel drum
85AM	Spark resistant parts, for 55-gallon (210 liter) steel drum
85i-SS	Stainless steel for 55-gal. (210 liter) steel, accepts adaptors
85-5	For 5-gallon (19 liter) pail

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Every Morse Below-Hook Drum Lifter is load tested at the factory as per American National Standard ASME B30.20 and a load test certificate is shipped enclosed with each unit.

92 Series
Below-Hook Drum Lifters

These drum lifters automatically grip below the rim of a closed steel, fiber or plastic drum. Handle drum from 18" to 26" (46 to 66 cm) diameter (I.D.) with top rim, including:

- 30 to 55-gallon (114 to 210 liter) drum
- 85-gallon (322 liter) steel salvage or overpack (NOT for lifting plastic overpacks)

Capacity: 1000 Lb. (454 kg)

Model	Description
92	Lifter for rimmed 18" to 26" (46 to 66 cm) diameter drum
92M	Spark Resistant Lifter for rimmed 18" to 26" (46 to 66 cm) diameter drum
92-SS	Stainless Steel Lifter for rimmed 18" to 26" (46 to 66 cm) diameter drum
92-30	Lifter for rimmed 15" to 23" (38 to 58 cm) diameter drum
92-5	Lifter for rimmed 11" to 15" (28 to 38 cm) diameter pail

Lifter for Drum and Overpack

Model 91 has simple tong design with broad grippers, providing fast overpacking. Its narrow profile allows complete lowering into an overpack drum.

Handle: 55-gallon (210 liter) steel drum into overpack or 85-gallon (322 liter) steel overpack.

Capacity: 1000 Lb. (454 kg)

Heavy-Duty Drum Lifters

Lift and move your heaviest drum with this below-hook lifter. Upend or downend a drum using off-vertical mode.

Models 42 and 42-G have alloy chain, links and lifting rings with heavy-duty steel rod and welded eyes. Forged steel hooks engage drum rims. Model 42-G has hot dipped galvanized finish.

Handle: 55 or 85-gallon steel drum.

Capacity: 2000 Lb. (907 kg)

Fork Mount Hook

Model 284 allows you to use your forklift like a hoist. Slide this hook onto one fork of your truck and tighten the T-screw to use a below-hook drum lifter. Fork opening is 5.5" x 1.56"

Capacity: 2000 Lb. (907 kg)

90 Series
Verti-Karriers

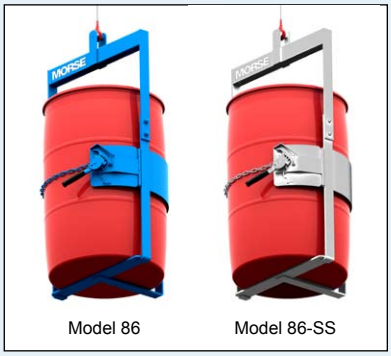
Grab, lift, move and place your drum. Verti-Karriers grip the drum automatically, then release it only when the drum is set down. This saves time for your operators and discourages dangerous climbing.

Handle: Rimmed 55-gallon (210 liter) steel drum.

Capacity: 1000 Lb. (454 kg)

Model	Description
90	Verti-Karrier for 55-gallon (210 liter) steel drum
90M	Spark Resistant Verti-Karrier for 55-gallon (210 liter) steel drum
90-SS	Stainless Steel Verti-Karrier for 55-gallon (210 liter) steel drum
90-30	Verti-Karrier for 30-gallon (114 liter) steel drum
90-85	Verti-Karrier for 85-gallon (322 liter) steel salvage drum

86 Series
Drum Lifter



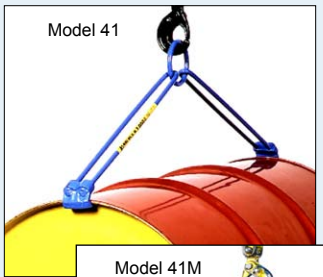
Use to lift and transport an upright drum with your hoist or crane. Holds securely around your drum and has bottom support bar.

Handle: Steel, plastic or fiber drum 22" to 23.5" (56 to 59.7 cm) in diameter, and 23" to 38" (58 to 97 cm) high.

Capacity: 1000 Lb. (454 kg)

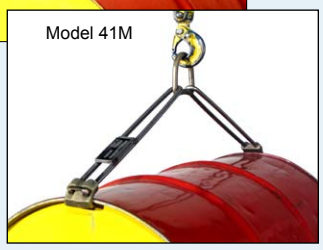
Model 86 is carbon steel painted blue
Model 86-SS is made of type 304 stainless steel

Drum Lifting Hook



Use model 41 drum lifter with your hoist, crane or fork mounted hook to lift and move a heavy drum. Has an alloy steel lifting ring, steel rods and malleable iron hooks. Handle: 55-gallon steel drum 34" to 36" (86 to 91 cm) long.

Capacity: 1000 Lb. (454 kg)



Spark-Resistant Drum Lifting Hook

Model 41M is like model 41, but lifting ring and hooks are spark resistant aluminum/ bronze alloy, rods are stainless steel. Handle: 55-gallon (210 liter) steel drum 34" to 36" (86 to 91 cm) long.
Capacity: 1000 Lb. (454 kg)

IMPORTANT:
Install all Morse Drum Rollers and Drum Tumblers in accordance with OSHA requirements for enclosure and safety interlock, etc.
One way to accomplish this, is a Morse Guard Enclosure with safety interlock to automatically shut off the drum rotator when the gate is opened.

Morse Drum Rotators

- **Mix the contents inside a sealed drum**
- **Remix settled ingredients without inserting anything into your drum**
- **Save the labor of transferring contents and clean-up**
- **Improve safety: Eliminate spills, contamination, and exposure to contents**

Combine 3 Components to Meet Safety Requirements

1. Drum Rotator | **2. Control Package** | **3. Enclosure with Safety Interlock**

310 Series
Tilt-To-Load Drum Tumblers

VIDEOnline

- **Load your upright drum at floor level**
- **Power-lift drum to rotate position**
- **Vigorous "corner-over-corner" mixing**
- **Tumble steel, plastic or fiber drum at 5 to 20 RPM**
- **Choose air powered or AC model**
- **Capacity: 800 Lb. (363 kg) Full Drum 400 Lb. (181 kg) Half-Full Drum**

Model 310-3 shown

Morse Tilt-To-Load Drum Rotators thoroughly mix the contents of your closed drum with vigorous "corner-over-corner" tumbling. Load upright drum at floor level, and secure it in the holder. Then use one handle to lift the drum, and a second handle to control drum rotation.

1. Model 310-3 Tilt-To-Load Drum Tumbler
2. Model CP-310-3-230 Control Package
3. Model GEK-310-3 Enclosure with Interlock to meet OSHA requirements

Load drum at floor level with drum truck or crane

Secure drum with web strap and two top clamps

Raise drum with power tilt control

See all Models @ morsedrum.com

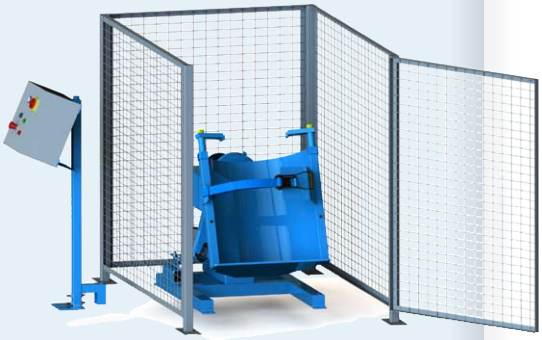
309 Series
Drum Tumblrs™

DRUM TUMBLR™

VIDEOnline

- **Load with crane or hoist**
- **Thorough "corner-over-corner" mixing**
- **Tumble steel, plastic or fiber drum at 14 RPM**
- **Capacity: 800 Lb. (363 kg) Full Drum 400 Lb. (181 kg) Half-Full Drum**

Load with crane and Drum Lifter (model 92 shown)

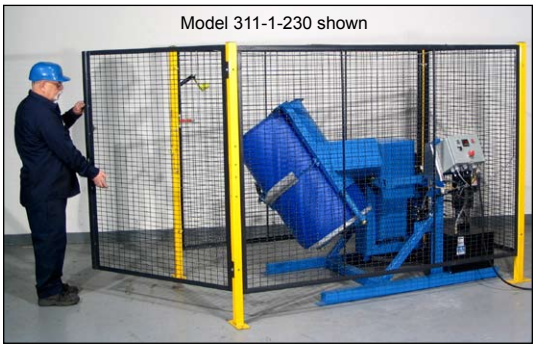


1. Model 309-3 Drum Tumbler™
2. Model CP-309-3-230 Control Package
3. Model GEK-309-3 Enclosure with Interlock to meet OSHA requirements

Secure drum with web strap and 2 top clamps

311 Series Tilt-To-Load Drum Tumblers include Automated Control Package and Enclosure with Interlock

VIDEOnline



Model 311-1-230 shown

The Automated Control Package automatically lifts your drum, rotates it for the time you set, then returns it to upright position at floor-level for easy handling. Includes Tilt-To-Load Drum Tumbler, Automated Control Package, and Enclosure with Safety Interlock to meet OSHA requirements.

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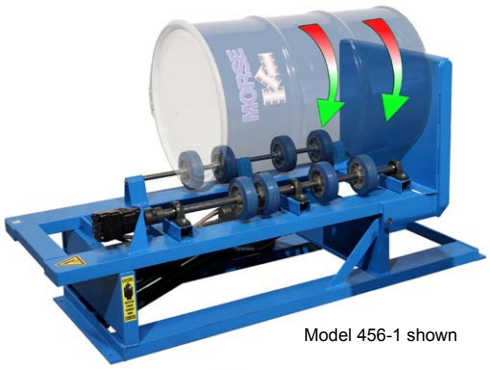
456 Series
Hydra-Lift Drum Rollers

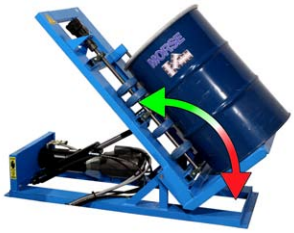
VIDEOnline

- **Load your upright drum at floor level**
- **Power-lift drum to rolling position**
- **Roll a closed drum on its side to mix the contents**
- **Capacity: 1,000 Lb. (454 kg) liquid load**
  400 Lb. (181 kg) dry load



Model 456-1 shown

Load with drum truck, hoist or crane



Power tilt to rolling position

Enjoy the benefits of easy, ergonomic loading and unloading and eliminate the hazards of manual drum handling. Hydra-Lift Drum Rollers accept an upright drum at floor level. Then you control the built-in hydraulic system to lift and place it quickly and easily for rotation. Start and stop rotation with a second control.

Roll a 55-gallon (210 liter) drum at 5 to 20 RPM until contents are mixed as desired, then return the drum to vertical to unload. Models available with AC or air power. 50Hz models have 20% reduction in drum RPM.

OSHA requires that all drum rotators be enclosed and include a safety interlock to automatically shut off the machine when the enclosure is opened.

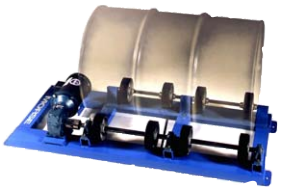
Option # POLY-456 to roll plastic drum. Extra wheels support flexible sidewall, and end stop prevents plastic drum from travelling lengthways.

Option # 1-5-1 Idler Attachment to roll 1 to 5 gallon (19 liter) pail.

1. Model 456-1 Hydra-Lift Drum Roller
2. Model CP-456-1-115 Control Package
3. Model GEK-456-1 Enclosure with Interlock to meet OSHA requirements

5154 Series
Stationary Drum Rollers

VIDEOnline



Single Rollers for 1 drum
Model 1-5154-3 shown

Double Rollers for 1 or 2 drums
Model 2-5154-3 shown

Place drum onto roller with model 41 or 42 drum lifter (page 9)

Roll drum on its side to mix the contents. Choose factory set drum speed of 20 RPM or variable speed models.

Capacity: Liquid load: 1,000 Lb. (454 kg) per drum.
Dry load varies: 300 Lb. (136 kg) at 20 RPM

Order Guard Enclosure Kit with Safety Interlock to meet OSHA requirements

Option # POLY-1-5154 Roll plastic drum on single drum roller

Option # POLY-2-5154 Roll plastic drums on double drum rollers

Option # 1-5-1 Idler Attachment to roll a 1 to 5 gallon (4 to 19 liter) pail. Easily removed for rolling a drum.

1. Model 1-5154-3 Stationary Drum Roller
2. Model CP-1-5154-3-230 Control Package (not shown)
3. Model GEK-1-5154-3 Enclosure with Interlock to meet OSHA requirements

201 Series
Portable Drum Rollers

VIDEOnline

Roll your closed drum on its side to agitate the contents with this compact, portable industrial drum mixer. Bring important ingredients back into suspension. Eliminate worker exposure and reduce clean-up. This Portable Drum Roller can be used as a drain stand to dispense from a drum.

Roll a 6" to 28" (15 to 71 cm) diameter steel drum up to 38" (97 cm) long.

Air powered and AC models.

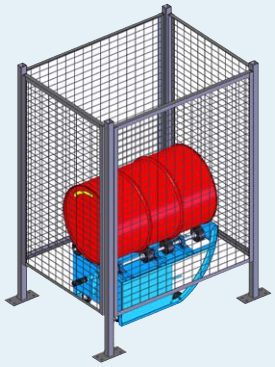
Capacity:
Liquid load: 500 Lb. (227 kg)
Dry load varies: 300 Lb. (136 kg) at 20 RPM. 50Hz models have 20% reduction in drum RPM.

Model 201VS-1 shown

Order Guard Enclosure Kit with Safety Interlock to meet OSHA requirements

Option # POLY-201 Roll plastic drum on Portable Drum Roller

Option # 1-5P Idler Attachment to roll 1 to 5 gallon pail. Remove to roll 55-gallon drum.



1. Model 201VS-1 Portable Drum Roller
2. Model GEK-201-1 Enclosure with Interlock to meet OSHA requirements

See all Models @ morsedrum.com

MORStak™ Drum Rackers

VIDEOnline

Quickly lift, move and rack a heavy drum

- **Two-stage models rack a drum up to 102” (259 cm) high**
- **Single-stage models rack up to 56” (142 cm) high**

Rack drums with virtually no space between them

Models with battery, electric or air powered lift and tilt

Capacity: 800 Lb. (363 kg)

Model 620-115 shown has battery power drum lift and tilt

MORStak™ drum rackers rack drums with virtually no space between them. Lift an upright drum, tilt it to horizontal, and place it into a drum rack. Safely handle rimmed 55-gallon (210 liter) steel or plastic drum.

Move in tight spaces where your forklift won’t fit... the turning radius is only 6 feet (183 cm).

Choose from models with electric, battery or air powered drum lift and tilt function. Air powered models are available with spark resistant parts.

1. Manually secure clamp to grip drum

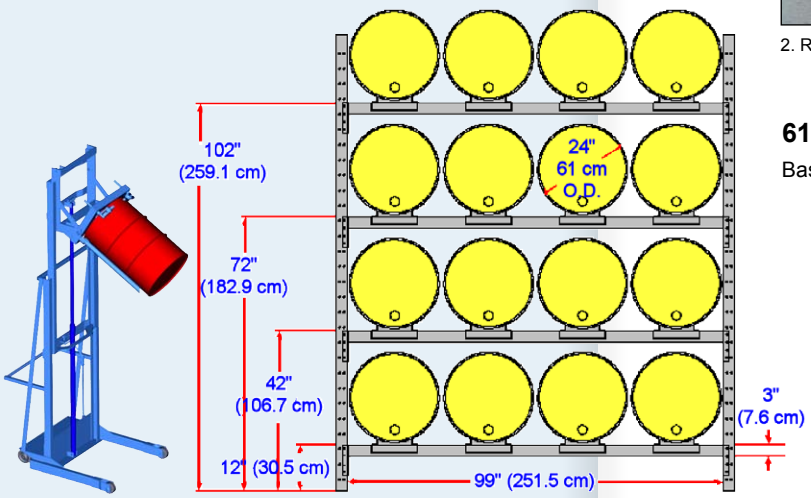
2. Raise drum

3. Tilt drum to horizontal and transport to racking location

4. Manually release clamp, then raise drum to place in rack

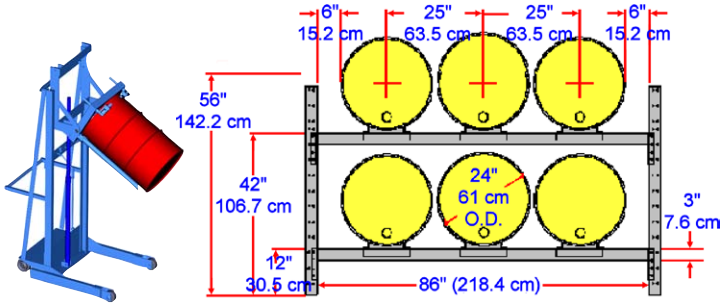
620 Series - Two-Stage to rack drum up to 102” (259 cm) high.

Base is L56” X W41” (142 x 104 cm)



611 Series - Single-Stage to rack drum up to 56” (142 cm) high.

Base is L49” x W36” (124 x 91 cm)



405 Series Omni-Lift™ Drum Rackers

VIDEOnline

Rack a drum up to 72” high (183 cm)

Capacity: 800 Lb. (363 kg)

Easily lift, tilt and rack a 55-gallon (210 liter) steel drum up to 6 feet (183 cm) high with an Omni-Lift ™ Drum Racker. Lift drum from vertical or horizontal position on the floor, and place it down in either upright or horizontal position.

Powered models provide quicker and more ergonomic drum racking. Choose battery, AC or air powered drum lift and tilt function. Air powered and manual models are available with spark resistant parts.

Option AP405 - Required to rack a rimmed 55-gallon (210 liter) plastic drum.

Model 405-114 shown has air power drum lift and tilt

See all Models @ morsedrum.com

Load drum onto open end of Stationary Drum Roller

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82A-GT Series
Drum Palletizers with Geared Drum Tilt

VIDEOnline

Hand Crank Geared Tilt to dispense up to 26” (66 cm) high

Palletize with V-shaped base

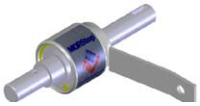
Capacity: 600 Lb. (272 kg)

Control dispensing up to 26” (66 cm) high with hand crank geared tilt. Rotate drum 360⁰ in either direction. Raise upright drum up to 20” (51 cm) above the floor. Move a drum onto and off pallets.

The MORCINCH™ Drum Handling System (page 3) enables handling a plastic drum, fiber drum, and various sizes of smaller drums.

Ergonomic power-lift models provide quicker and safer drum handling. Choose battery, AC or air powered drum lift. Air powered and manual models are available with spark resistant parts.

Model 82A-GT-125 shown has battery power drum lift



We recommend the MORStop Tilt-Brake™ (Option 3900i-P) installed to automatically prevent unwanted drum tilting, even when drum contents shift.

82A Series
Drum Palletizers that Pour

VIDEOnline

Lift upright drum 20” (51 cm) high

Move & pour up to 26” (66 cm) high

Move drum on and off pallets

Capacity: 600 Lb. (272 kg)

Designed to lift and pour a heavy drum up to 26” (66 cm) high, when held in horizontal position. Manually rotate a drum 360⁰ in either direction. Raise upright drum up to 20” (51 cm) above the floor. Lock drum in vertical position to prevent spills while transporting, or lock in horizontal position to dispense. Also move a drum to and from pallets. Handle 55-gallon (210 liter) steel drum.

Model 82A has hand pump drum lift. Shown with Top Rim Clamp (4560-P) to prevent rimmed plastic drum from slipping.

The drum holder accepts options to enable handling a plastic drum, fiber drum, and various sizes of smaller drums.

Ergonomic power-lift models provide quicker and safer drum handling. Choose battery, AC or air powered drum lift. Air powered and manual models are available with spark resistant parts.

Model 82A shown has hand pump drum lift

Model 81 Drum Spotter

VIDEOnline

Easily move drum on and off pallets

Capacity: 800 Lb. (363 kg)

Compact, easy-to-use Drum Spotter makes it simple and quick to move a drum on and off pallets. Raise the handle to engage the upper drum rim, and lower the handle to lift your rimmed drum from a 6” (15 cm) tall pallet. The balanced Drum Spotter fully supports the drum weight. Handle rimmed steel, plastic or fiber drum with 22” to 23.5” (56 to 59.7 cm) diameter, and from 34” to 36” tall (86 to 91 cm).

82H Series
Drum Movers / Palletizers

VIDEOnline

Lift drum up to 19” (48.3 cm) high

Move drum to and from pallet

Capacity: 1000 Lb. (454 kg)

Simply move the drum palletizer to your drum and raise the head to automatically engage the upper drum rim. It holds the drum in upright position for you to transport. Lower the drum to the floor or onto a pallet, and the jaws automatically release when the drum is resting.

Raise a drum up to 19” (48.3 cm) above the floor. Handle rimmed steel, plastic or fiber drum with minimum height of 22.5” (57 cm). The minimum drum weight required to actuate the jaws is 75 Lb. (34 kg).

Model 82H-125 shown has battery power lift

Models with power-lift improve ergonomics of drum handling. Choose battery, AC or air powered drum lift. Air powered and manual lift models are available with spark resistant parts.

80 Series
Mobile-Karriers

Raise, move and pour drum

Capacity: 800 Lb. (363 kg)

Mobile-Karriers fully support and balance a 55-gallon (210 liter) drum. Lock the drum in upright position for transporting, or in horizontal position to pour. Rotate a drum by hand 360⁰ in either direction. Pour at up to 17” (43 cm) high.

Some models accept Diameter Adaptors for smaller drum.

Model #	Mobile-Karriers for 55-Gallon (210 liter) Drum
80A	For steel drum
80i	For steel drum. Accepts Diameter Adaptors for smaller drum.
80AM	For steel drum. Has spark resistant parts.
80i-SS	For steel drum. Stainless steel. Accepts Diameter Adaptors.
80APS	For plastic or steel drum. Includes Anti-Slip Strips.

160 Series
4-Wheel Drum Trucks

VIDEOnline

Move and dispense your drum with ease
Move drum on and off pallets
Capacity: 1,000 Lb. (454 kg)

Model 160

Model 160-SS made of type 304 stainless steel

Morse 4-Wheel Drum Trucks make it easy to move a heavy drum. They are simple to load, maneuver and carry the full weight of a drum on four wheels. Once loaded, the truck fully supports and balances the drum, so you don't have to. Move a drum on and off pallets. Dispense a drum into 5-gallon (19 liter) pail... and it stands upright for storage.

Handle rimmed 30, 55 or 85 gallon steel drum, 14" to 28" (36 to 71 cm) diameter and 30" to 41" (76 to 104 cm) tall.

Model 160M (not shown) has spark resistant parts.

Model 160-WP has inflated wheels outside the frame for stability on rough terrain

Strap for Rimless Drum (option 5058-P) fits any 4-wheel drum truck

Model 160-WP-SS Stainless Steel with inflated wheels outside the frame

2 & 3 Wheel Drum Trucks

Models 152 and 153 Drum Trucks

Easy to use, inexpensive drum trucks. All steel welded construction with 10" (25.4 cm) wheels. Handle 30, 55 or 85 gallon drum. Model 152 has rubber wheels. Model 153 has polyolefin wheels. Capacity: 1,000 Lb. (454 kg)

Model 155 Handstand Drum Truck

Stands upright for convenient, space saving storage. Has a support to stand the drum truck upright. This doubles as a footrest to assist you in loading your drum. Handle 30, 55 or 85 gallon drum. Capacity: 1,000 Lb. (454 kg)

Model 125 "No Spill" Drum Truck

Transport upright drum. Provides stable control of drum. Handle attached to the base. Two 8" (20 cm) polyolefin wheels, and one 4" (10 cm) swivel caster. Handle 55-gallon (210 liter) steel, plastic or fiber drum up to 24" (61 cm) in diameter. Capacity: 1,200 Lb. (544 kg)

Patented Clamp+GO™ Dolly Handle

Model 24

VIDEOnline

Clamp+GO!

Increase worker safety and efficiency by moving drum dollies with the Clamp+GO™ Dolly Handle. Attach to the sidewall of your drum dolly with a downward push to engage the quick-coupling mechanism. Easily disengage from one dolly, and quickly connect to another. Use the Clamp+GO™ with various sizes of round drum dollies.

14 Series Round Drum Dollies

Easily move a drum on four 3" (7.6 cm) MORtuf polyolefin swivel casters with wide stance base. Fits up to 23" (58.4 cm) O.D. Capacity: 1000 Lb. (454 kg)

Model 14-SS

34 Series Square Drum Dollies

Flat deck with rounded corners turned up hold drum in position. Four 3" (7.6 cm) MORtuf polyolefin swivel casters on wide base. Fits up to 24" (61 cm) O.D. Capacity: 1000 Lb. (454 kg)

Option # 4959i-P: Stainless steel casters with polypropylene wheels on any Morse drum dolly.

Model 34

Model #	Drum Dolly Description
14	Round 55-gallon, steel casters, polyolefin wheels
14M	Round 55-gallon, spark resistant, steel casters, polyolefin wheels
14-SS	Round 55-gallon, stainless steel, steel casters, polyolefin wheels
14-SSC	Round 55-gallon, stainless steel, stainless casters, polypropylene wheels
14-30	Round 30-gallon, steel casters, polyolefin wheels
14-30SS	Round 30-gallon, stainless steel, steel casters, polyolefin wheels
34	Square 55-gallon, steel casters, polyolefin wheels
34-30	Square 30-gallon, steel casters, polyolefin wheels
34-5	Square 5-gallon, steel casters, polyolefin wheels

Drum Cradle Trucks

Model 36 Cradle Truck Easy to load 55-gallon drum cradle with built-in retractable tipping lever. Capacity: 500 Lb. (227 kg)
Model 36-SS made of type 304 stainless steel.

Model 40 and Model 31

Model 40 Cradle Truck has rugged angle iron construction. Use with Model 31 steel tubing Tipping Lever with rim hook to assist in loading a heavy drum onto Cradle Truck.
Capacity: 700 Lb. (318 kg)

Model 40-30 for 30-gallon (114 liter) drum.

Model 32

Model 46 Cradle Truck for 15-gallon (57 liter) steel drum. Rock-over loading and four 3" (7.6 cm) polyolefin wheels.
Capacity: 500 Lb. (227 kg)

Model 32 Drum Upender provides leverage to upright a horizontal steel drum.

Model 46

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PailPRO™ Series 5-Gallon Pail Handlers

Ergonomic, safety conscious pail handling equipment

- **Increase productivity**
- **Help prevent repetitive motion injuries**

PailPRO™ 5-Gallon Can Tumblers VIDEOnline

2-305 Series
Double Can Tumblers
tumble one or two cans at a time.
Model 2-305-1 shown

1-305 Series
Single Can Tumblers
Model 1-305-1 shown

Morse Can Tumblers provide thorough "corner-over-corner" mixing action of dry or liquid contents right inside a sealed can. Tumble parts with media to deburr or polish. Rotates cans at 23 RPM continuously in one direction. It does NOT shake or oscillate cans.

Rotate various sizes of pail or can

- 4.5" to 16.5" (11.4 to 41.9 cm) tall
- Up to 12.5" (31.75 cm) diameter

Single phase/115V models have timer for 0 to 60 minutes. AC Motor is 1/4 HP, 60 Hz. 50Hz models available. Models with explosion-proof motor or air motor available for hazardous areas.

Capacity: 100 Lb. (45 kg) per can.

Note: OSHA requires ALL rotators are enclosed with safety interlock, so it cannot revolve unless guard is in place.

Model GEK-2-305-1 Enclosure with Interlock shown with Model 2-305-1 Can Tumbler

PailPRO™ Below-Hook Can Tipper

Ergonomic model 85-5 pail handler to lift and pour your 5-gallon (19 liter) plastic or metal pail, 11" to 12" (28 to 31.5 cm) in diameter.
Capacity: 200 Lb. (91 kg)

PailPRO™ Below-Hook Pail Lifter

Model 92-5 is sized for a 5-gallon (19 liter) pail with 11" to 15" (28 to 38 cm) diameter.

Capacity: 1,000 Lb.(454 kg)

PailPRO™ 5-Gallon Pail Dollies

Place your pail onto a dolly to move it around on four 3" (7.6 cm) swivel casters. Helps employees safely move pails around and reduce repetitive lifting. Pail dollies have a flat deck design with four rounded corners turned up to hold a pail in position.

Capacity: 200 Lb. (91 kg)

Model 34-5 has steel construction.

Model 34-5SS is made of type 304 stainless steel.

Model 83 PailPRO™ 5-Gallon Pail Handler

- **Lift, tilt and pour a 5-gallon (19 liter) pail with ease**
- **Dispense at up to 5 feet (152 cm) high**

Lift and pour a 5-gallon pail weighing up to 150 Lb. (68 kg). Easy to maneuver. Compact enough to move through standard doorways. Turn pail with hand wheel, equipped with **MORStop Tilt-Brake™** which automatically locks tilt position until you move it again. Use the parking brake to prevent rolling while you pour. Moving parts of this safety oriented design are enclosed to avoid pinch points.

Handle 11" to 12" (28 to 31.5 cm) diameter pail.

Base Dimensions: L33" x W32" (84 x 81 cm).
Overall height: 80" (203 cm).

Optional Counter Weight Kit part # 3930-P (not shown) allows the base to be reversed to enable pouring beyond the front wheels. The capacity with this option installed is reduced to 75 Lb. (34 kg).

PailPRO™ 5-Gallon Pail Heaters

Heat your metal or plastic 5-gallon (19 liter) pail. The flexible heater band conforms to the curvature of the pail to heat the contents. Has 4" (10.2 cm) wide band to fit around 11.25" +/- 1" (28.6 cm +/- 2.5 cm) diameter pail.

Model #	Pail Heater Description	Thermostat
710-5-115	Heat metal pail, 115V 550W	50° to 425° F (10° to 218° C)
710-5-230	Heat metal pail, 230V 550W	
711-5-115	Heat plastic pail, 115V 150W	50° to 160° F (10° to 218° C)
711-5-230	Heat plastic pail, 230V 150W	

Model 152-5 PailPRO™ 5-Gallon Pail Truck

Ergonomic 2-wheel truck eases handling a heavy 5-gallon (19 liter) pail or can. Simply place the pail handle over the hook and pull back on the truck handle to lift the pail. It rolls easily on two 8" (20.3 cm) diameter MORTUF hard polyolefin wheels. When you're done, the pail truck stands upright by itself.

Capacity: 150 Lb. (68 kg)

PailPRO™ Can Tippers ideal for dispensing 5-gallon pails

These can tippers are ideal for dispensing small quantities from a 5-gallon (19 liter) can or pail. A safety lock holds pail in place. Dispensing height is 10" (25.4 cm) . Fold for storage. Capacity: 75 Lb. (34 kg) per can

Model 15 handles a single pail. Model 2-15 handles two pails. Model 15-SS is made of type 304 Stainless Steel and handles a single pail.

Model 15-SS

Model 2-15

PailPRO™ 5-GALLON PAIL HANDLERS

MORSE®

The Specialist In Drum Handling Equipment

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East Syracuse, NY 13057-0518

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Drum and Pail Heaters VIDEOnline

A simple, effective and reliable way to heat the contents of drums. There are Drum Heaters sized for a 5-gallon (19 liter) pail, 30-gallon (114 liter) or 55-gallon (210 liter) drum, whether plastic, steel or fiber. Position the 4" (10 cm) wide band BELOW the content level in the drum. It conforms to the drum curvature to conduct heat to the product inside. Adjust the thermostat to automatically maintain the correct temperature. Two drum heaters may be used on a drum for faster warming.

- Heaters for metal drum have 50° to 425° F (10 to 218 C) thermostat
- Plastic or fiber drum heaters have 50° to 160° F (10 to 71 C) thermostat

Model	Heater Description	Fits Diameter
710-55-115	55-Gallon steel drum, 115V 1500W	22.5" +/- 1" (57 +/- 2.5 cm)
710-55-230	55-Gallon steel drum, 230V 1500W	
711-55-115	55-Gallon plastic or fiber drum, 115V 300W	
711-55-230	55-Gallon plastic or fiber drum, 230V 300W	
710-30-115	30-Gallon steel drum, 115V 1000W	18.25" +/- 1" (46.4 +/- 2.5 cm)
710-30-230	30-Gallon steel drum, 230V 1000W	
710-5-115	5-Gallon metal pail, 115V 550W	11.25" +/- 1" (28.6 +/- 2.5 cm)
710-5-230	5-Gallon metal pail, 230V 550W	
711-5-115	5-Gallon plastic pail, 115V 150W	
711-5-230	5-Gallon plastic pail, 230V 150W	

Melt, preheat, prevent freezing, control viscosity, or promote flow and dissolution. Each drum heater is equipped with cord. 115V heaters include plug.

NOT for use with flammables or in explosion hazard areas.

Drum Hand Pumps

Drum Pumps to dispense liquids

The self priming piston pumps on the forward and back strokes to yield a gallon in fewer than five cycles. Use for liquids at temperatures up to 80° F (25 C) and maximum viscosity of 2,000 SSU (e.g. 30W motor oil). Each pump is compatible with specific chemicals. Check Morse website for chemical compatibility of each liquid by chemical name. It is the user's responsibility to take appropriate safety and protective measures with hazardous chemicals.

Chemical Compatibility

Model #	Compatible Liquids (General Guide)
26	Petroleum products, lube oils
27-1AE	Methyl alcohol, ethyl alcohol
27-4AV	Some napthas, some aromatics
28-5BV	Some chlorinated solvents, acids, aromatics, xylene
28-6BE	Some acids, caustics, ketones, acetates

Drum Faucets

Model 65-20

Model 65-20 Molasses Gate Faucet for viscous liquids made of grey iron with brass sliding plate closure. Fits metal drum 2" (5.1 cm) pipe thread. **Model 65-75** like model 65-20, but for 3/4" (1.9 cm) bung of metal drum.

Model 68-20 Polyethylene Faucet for use with nonflammable, corrosive liquids. Has a fast half-turn on/off handle that stays open until you close it. Use to control dispensing of viscous liquids through the 2" (5.1 cm) bung of your metal drum.

Model 68-75 is like model 68-20, but sized for 3/4" (1.9 cm) bung thread. Use for more fluid liquids.

Models 68-75 and 68-20

Model #	Description
65-20	Molasses Gate Faucet for 2" (5.1 cm) pipe thread
65-75	Molasses Gate Faucet for 3/4" (1.9 cm) pipe thread
68-20	2" (5.1 cm) Polyethylene Faucet
68-75	3/4" (1.9 cm) Polyethylene Faucet

MORplug™ Drum Wrenches

Fit virtually any steel, plastic or fiber drum

MORplug™ drum wrenches have numerous surfaces and shapes to fit virtually all drum plugs on your steel, plastic or fiber drums. The generous size provides extra leverage and hand clearance.

Model 59 for drums of nonflammable materials.

Model 59SRM made of spark resistant manganese bronze, a precaution for drums of flammable material.

Model 59SRZ is an economical wrench made of spark resistant, high-strength zinc aluminum alloy.

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