



**MORSE**

# 85i SERIES

## SPECIFICATIONS SHEET

### BELOW-HOOK DRUM KARRIERS

- Lift and pour 22.5" (57 cm) diameter ribbed 55-gallon (210 liter) steel drum with your hoist
- Grasp drum and turn by hand to dispense within reach
- Lock drum upright to transport, horizontal to dispense
- Tilt Locks have Polycarbonate Guards
- Install MORCINCH options for plastic or fiber drum
- Insert correct size Diameter Adapter for smaller drum
- Capacity: 800 Lb. (363 kg) full drum  
500 Lb. (227 kg) half-full drum
- Factory load tested and ships with load test certificate



Built with welded structural steel for long service. Use tilt locks at each side of frame to lock drum upright. Can also lock in horizontal or at 45° to pour. When unlocked, manually tilt drum by hand tilt for dispensing. Rotate drum by hand 360° in either direction.

High strength lifting components as specified by OSHA for overhead lifting. Morse below-the-hook drum handlers are manufactured by Morse Mfg. Co., Inc. in Syracuse, NY U.S.A. Each and every one is load tested at the factory at 125% of rated capacity as per American National Standard ANSI/ASME B30.20, and a load test certificate is enclosed with each unit when shipped.



#### Drum Holder with Web Strap and Ratchet

Web strap and ratchet mechanism to secure drum in holder.

Morse drum lifters comply with ANSI/ASME B30.20 standard for mechanical, below-the-hook lifting devices as it applies to the following:

- Rated load markings and unit identification
- Minimum design safety factor of 3, based on yield strength, for load bearing structural components
- Welding is performed by certified welders who have passed the ANSI/AWS D14.1 welding qualification test
- All welding is in accordance with ANSI/AWS D14.1 and ASME BTH-1

MORCINCH drum holder accepts the Bracket Assembly required to prevent a plastic drum from slipping. Insert correct size Diameter Adapter for a smaller drum.

Model	Description
85i	Carbon steel, powder coat blue
85i-SS	Type 304 stainless steel, bead blast finish



Suspend Drum-Karrier from hook.  
Push so drum holder engages half way down drum, between ribs.



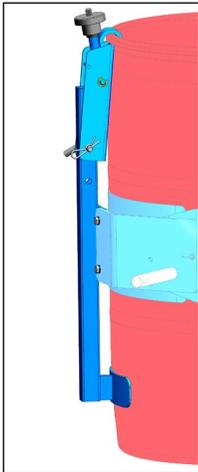
Tighten cinch chain around drum to secure it in the holder... no tools required. Apply suitable tension to secure drum.



Lock drum in upright position to transport and raise hoist to move to pouring station. Can also lock at horizontal or at 45° to dispense.



## Options for 85i Series Drum Karriers



### Top Rim Clamp Kit

**Kit 4560B-P** Top Rim Clamp  
**Kit 4560SS-P** Stainless Steel Top Rim Clamp

The Top Rim Clamp grips the upper rim of a 55-gallon (210 liter) RIMMED plastic or fiber drum to prevent it from slipping through the drum holder. Clamp it to the top rim of your drum, then secure the web strap around the drum as usual.



### Bracket Assembly Kit

**Kit 4556-P** Bracket Assembly  
**Kit 4556SS-P** Stainless Steel Bracket Assembly

The Bracket Assembly is required for handling a RIMLESS 55-gallon (210 liter) plastic drum. It provides a brace at the top and bottom of drum to prevent it from slipping lengthways through drum holder. It adjusts for a 31" to 39" (78.7 to 99 cm) tall drum.



### Diameter Adapters

Insert correct size Diameter Adapter into drum holder to handle a smaller drum. Adapters for a 18.5" (47 cm) diameter or larger can be used in combination with the Bracket Assembly. Diameter Adapters for a drum with 17.5" (44.5 cm) diameter or smaller have integrated end brackets which adjust for a drum up to 38" (96.5 cm) tall.



### Cinch Chain and Ratchet Option

The cinch chain is more durable than the web strap, is washable and resistant to many chemicals.

**Option # 6075i-P**  
Factory installed Cinch Chain and Ratchet on new model 85i

**Option # 6075SSI-P**  
Factory installed Stainless Steel Cinch Chain and Ratchet on new model 85i-SS

## Options & Accessories

### Fork Pocket Kit 6315-P

Add fork pockets to below-hook drum handler. Install on model 85A, 85G, 85i, 86, 185A, 185G, 185A-HD or 185G-HD.

**NOT** for model with spark resistant parts.



Kit 6315-P installed on model 185A



Attach **Asymmetric Drum Cone** to drum to control dispensing of dry material with Morse drum carrier.

Shown with slide gate (Kit SG) to start and stop material flow. Iris valve (Kit IV) also available.

### Drum Lock Positions

