

MORSE 

910 SERIES

SPECIFICATIONS SHEET

<PILOT> MORSTAK DRUM RACKER
Power-Propelled Walk-Behind Drum Handlers Improve Productivity

Power-Propelled <PILOT> MORStak™ Drum Racker

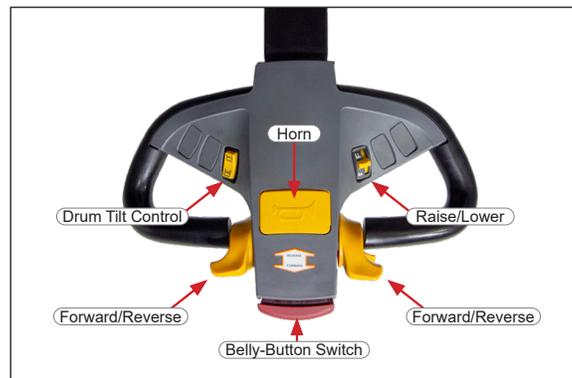
This safety conscious MORStak™ Drum Racker, allows you to move drums on and off racks, pallets, trucks, etc. Lift an upright drum and place in horizontal position. Rack rimmed 55-gallon steel or plastic drums side by side with virtually zero clearance between them. Handle your drum with a drum faucet in place allowing your drum rack to serve as a dispensing station. Capacity is 800 Lb. (363 kg).

Morse 910 Power-Propelled < PILOT > Drum Racker

- Rack a drum horizontally up to 10.5' (3.2 m) high
- Lift and transport an 800 Lb. (363 kg) drum
- Position drums in rack with virtually zero clearance between
- Power-Propelled Walk-Behind
- Powered Drum Lift and Tilt
- Rack a 55-Gallon (210 liter) steel or plastic drum with suitable top rim



Familiar Controls for propulsion and steering. Raise and Lower Buttons incorporated in handle.



Quick-disconnect battery plug and dead-man brake safety features.



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Power-Propelled <PILOT> Drum Racker

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Power-Propelled Walk-Behind Drum Handlers Improve Productivity

The Morse model 910 <PILOT> MORStak™ Drum Racker features intuitive, industry-standard throttle, steering and drum positioning controls, so you can put them online quickly.

- Model 910 <PILOT> MORStak™ Drum Racker is designed to lift a drum weighing up to 800 Lb. (363 kg) at 25 ft/min (5 cm/sec).*
- Control the travel speed with ergonomic twist grip or thumb control. Maximum travel speed is 3.0 mph (4.8 km/hr) or 4.4 ft/sec (1.3 m/sec) with 800 Lb. (363 kg) drum.*
- Maneuver in narrow aisles with a turn radius of just 58" (147 cm) on smooth rubber rear drive wheels, and polyurethane front wheels.
- **Traveling on a slope:** The Pilot series is rated for operation up to a 5% grade when traveling with the carriage and attachment down below the high speed cutoff height.
- Adjust straddle I.D. from 38" to 50" (96.5 to 127 cm), adjustable in 4" increments to work with various size pallets.
- Moving steering control handle to top and bottom 15° of handle arc actuates brake proportional to handle movement, allowing operator complete control of braking from "feathering" for accurate payload positioning through full emergency stop. When released, the handle returns to upright position and applies the brake.
- Built-in safety systems include a proven "belly-button" switch, which helps prevent an operator being pinned between the <PILOT> and any other object. Upon body contact, the switch activates low speed in the opposite direction.
- "Dead-man" braking occurs when spring loaded control handle is released, turning off electrical power and applying the brakes.
- The internally mounted 24V battery has a built-in "smart" charger to provide amount of charge necessary. Simply plug into a standard 110V AC outlet with the included cord. The batteries can be fully charged from empty in about 8 hours.
- Note: Lift and travel speeds will increase with lighter loads. For example, maximum travel speed with an empty drum is 3.6 mph with maximum lift speed of 39 ft/sec.



Lift, Transport and Pour a Drum up to 10 feet (3 m) high

MODEL	DESCRIPTION	MAXIMUM LIFT HEIGHT	DOMESTIC SHIP WEIGHT	DOMESTIC SHIP DIMENSIONS
910	<PILOT> Power-Propelled MORStak™ Drum Racker	10' (3 m)	3350 Lb. (1520 kg)	L86" x W45" H94" (218 x 114 x 239 cm)



Standard MORCINCH Drum Holder has Cinch Chain and Ratchet with flexible chain cover



OPTION 5115i-P Web Strap & Ratchet

MORCINCH DRUM HANDLING SYSTEM

Morse <PILOT> Drum Pourers feature the MORCINCH™ Drum Handling System Manual-grip drum holder automatically adjusts for 22" to 23.5" (56 to 59.7 cm) diameter drum.

ACCESSORIES

55/30 Series Diameter Adapters

Smaller than 22" (56 cm) Drum

To handle a smaller drum, insert the correct size Diameter Adapter into the standard drum holder.

Visit MorseDrum.com to find Diameter Adapter information.

ONLY Diameter Adapters for drum with 17.5" (44.5 cm) diameter or smaller have integrated brackets to prevent drum slipping length-ways.

NOTE: For 30-gallon (114 Liter) plastic drum, insert Diameter Adapter; and install Bracket or Top Rim Clamp to prevent drum slipping.

IMPORTANT: To prevent 30 to 55 gallon (114 to 210 L) size plastic drum from slipping, you **MUST** install either Top Rim Clamp Kit or Bracket Assembly Kit.

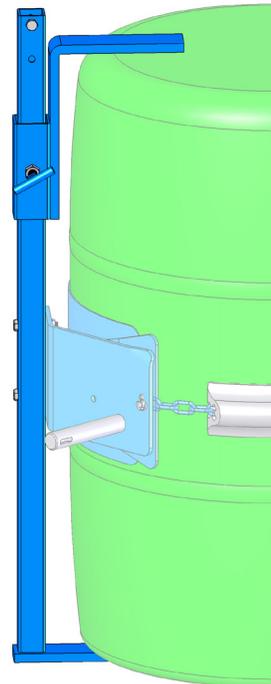
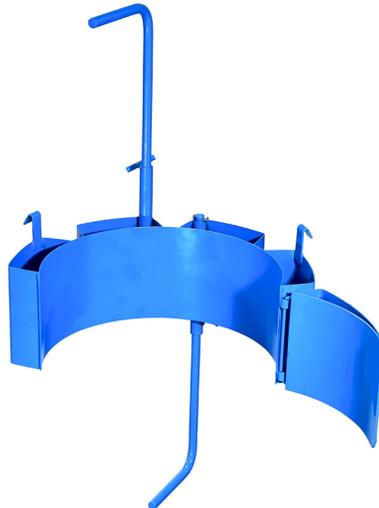


Figure 2.1
KIT # 4556-P
Install Bracket Assembly Kit to handle RIMLESS or RIMMED plastic drum

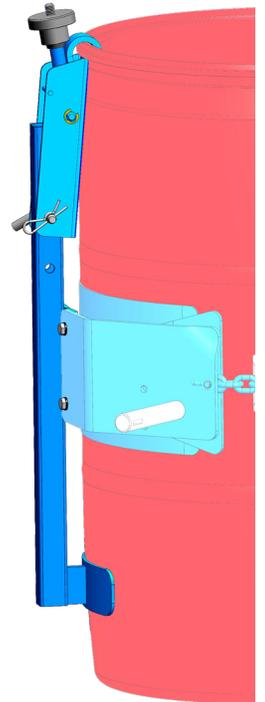
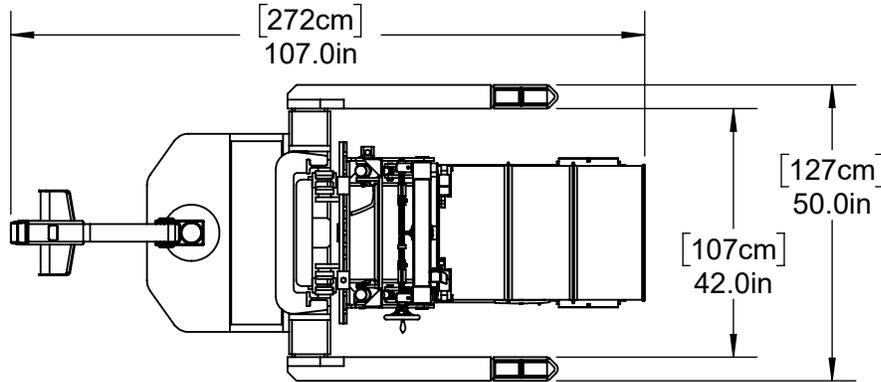


Figure 2.2
KIT # 4560B-P
Install Top Rim Clamp Kit to handle RIMMED plastic drum

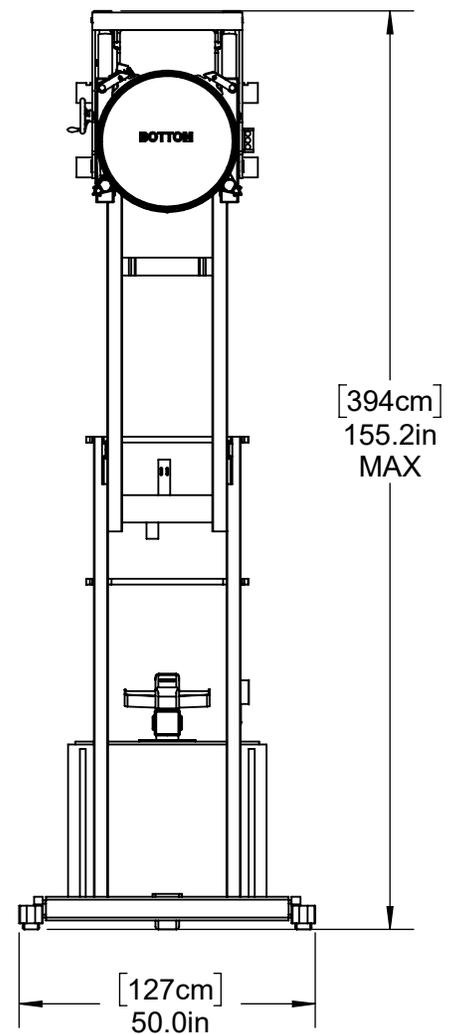
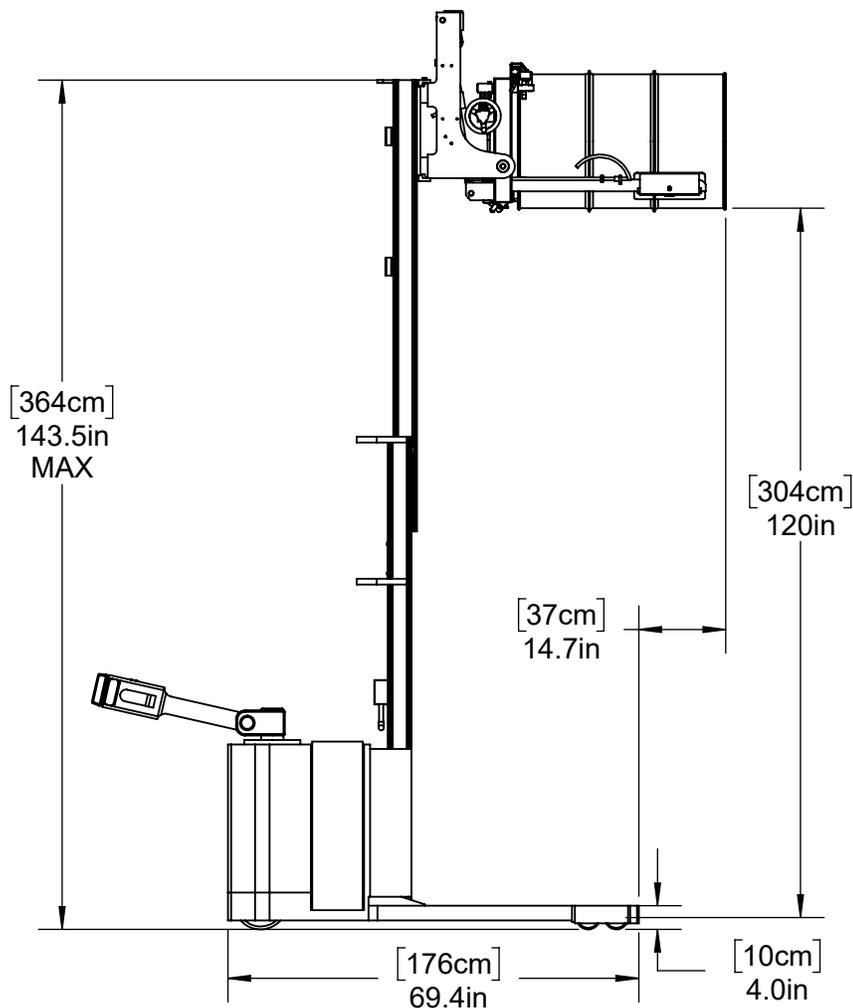
1. Bracket Assembly Kit # 4556-P is required to handle a **rimless** plastic drum (figure 2.1), and is also recommended for a fiber drum. The Bracket adjusts for a 31" to 39" (79 to 99 cm) tall drum. You can also handle a rimmed drum with the Bracket installed.
2. Top Rim Clamp Kit # 4560B-P to handle a **rimmed** plastic drum (figure 2.2). Install the Top Rim Clamp Kit to handle a **rimmed** plastic, steel or fiber drum with suitable top rim.

Dimensions of 910 <PILOT> Power-Propelled Drum Racker

With Drum Raised To Maximum Racking Height



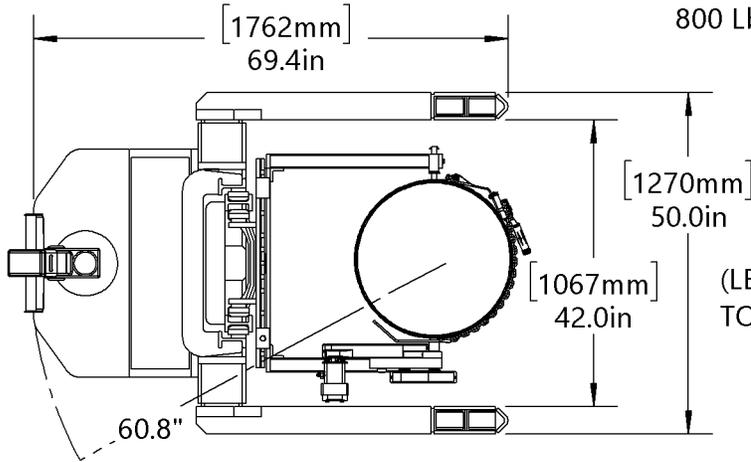
NET WEIGHT 2350 LB
CAP: 800 LB



Dimensions of 900 <PILOT> Power-Propelled Drum Pourer

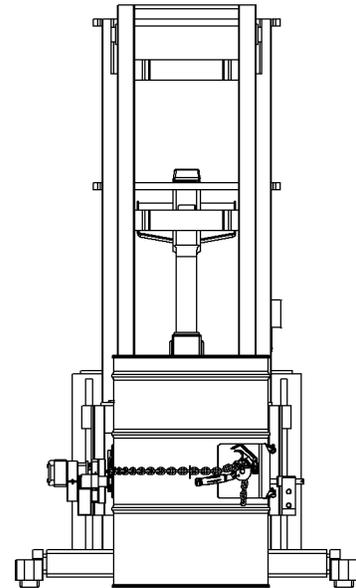
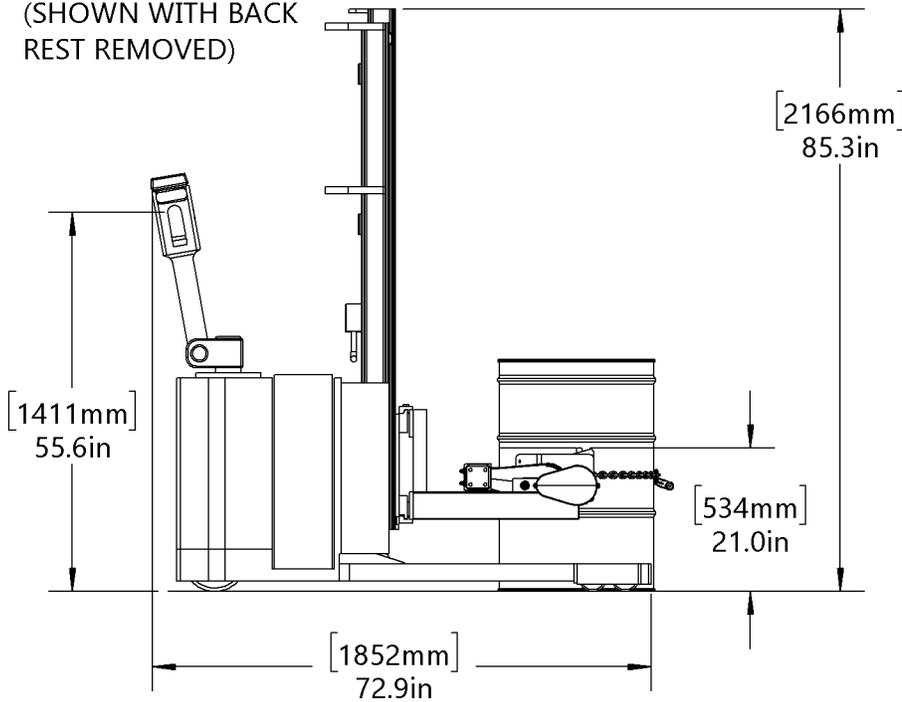
With Drum Lowered To The Floor

Net Weight: 2632 Lb. (1194 kg)
 Capacity: 1500 Lb. (680 kg) Full Drum
 800 Lb. (363 kg) Half-Full Drum *



(LEGS CAN BE ADJUSTED TO 46.0 OR 50.0 INSIDE)

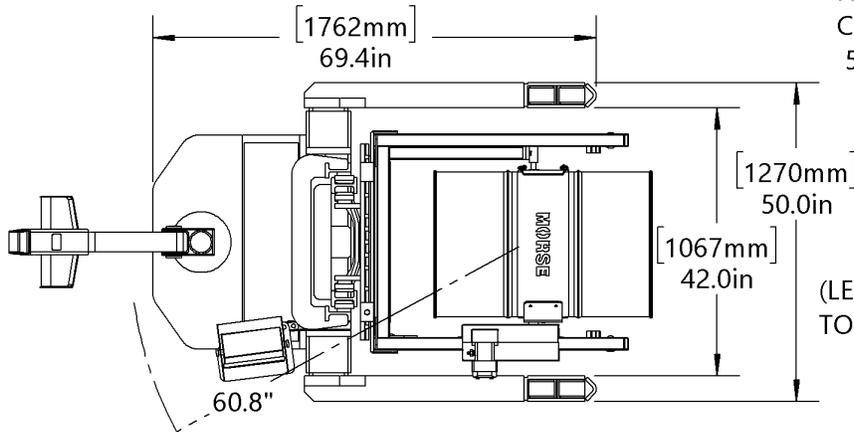
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Dimensions of 905 <PILOT> Scale-Equipped Power-Propelled Drum Pourer

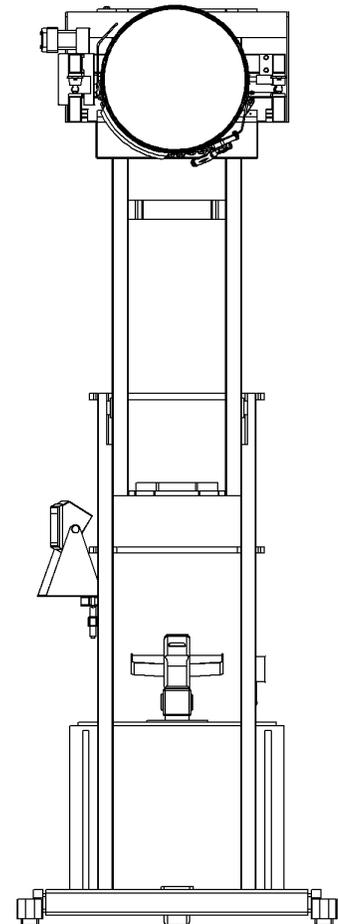
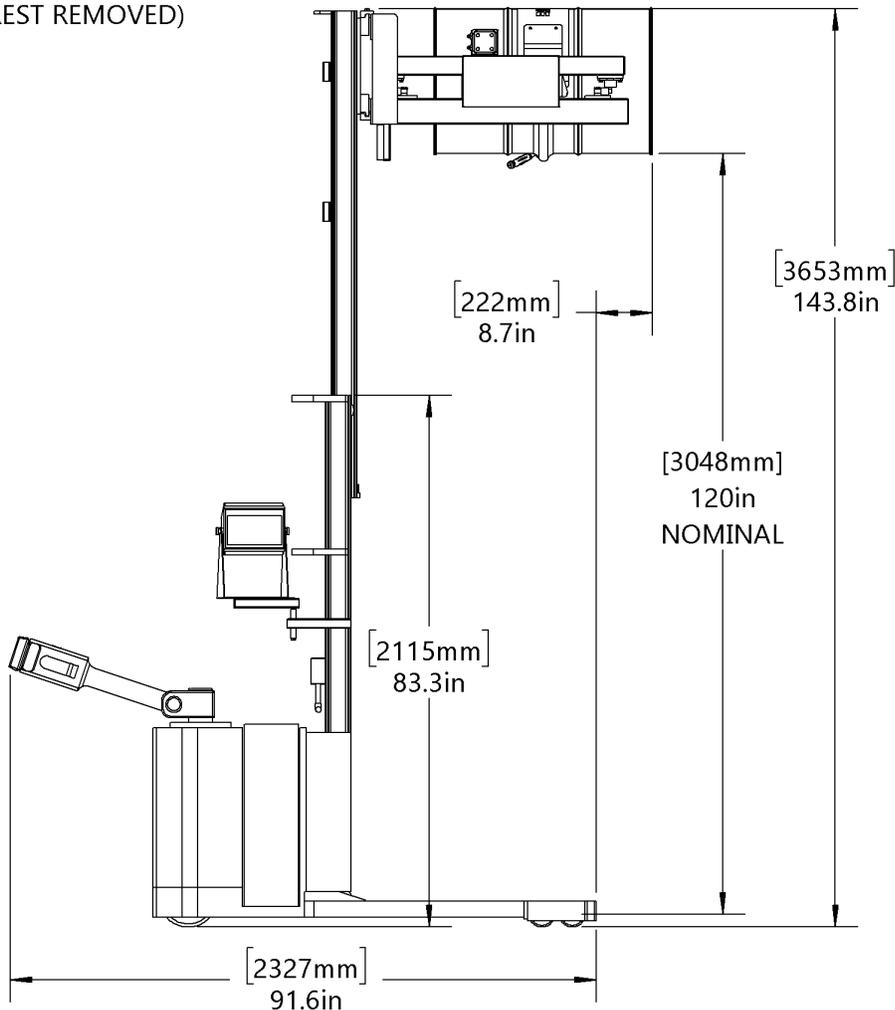
With Drum Raised To Maximum Dispensing Height

Net Weight: 2672 Lb. (1211 kg)
Capacity: 800 Lb. (363 kg) Full Drum
500 Lb. (227 kg) Half-Full Drum *



(LEGS CAN BE ADJUSTED TO 46.0 OR 50.0 INSIDE)

(SHOWN WITH BACK REST REMOVED)

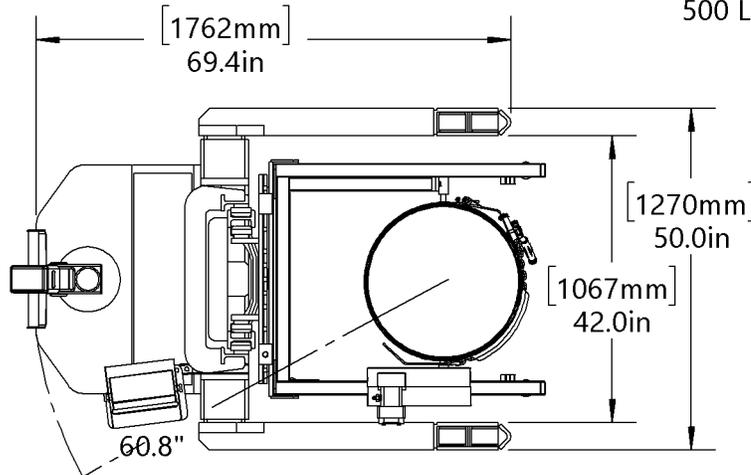


* Half-full rating is an indication of capacity for tilting unbalanced, bottom-heavy drum. Partially full drum with unbalanced and shifting load is harder to tilt than full drum.

Dimensions of 905 <PILOT> Scale-Equipped Power-Propelled Drum Pourer

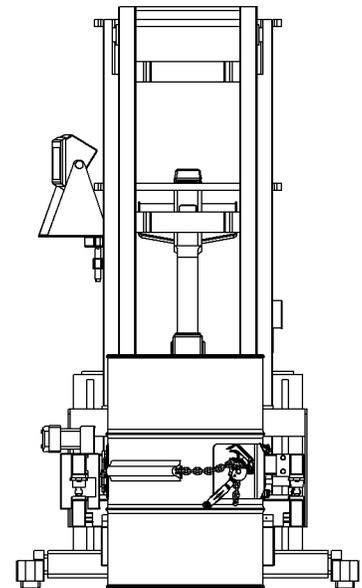
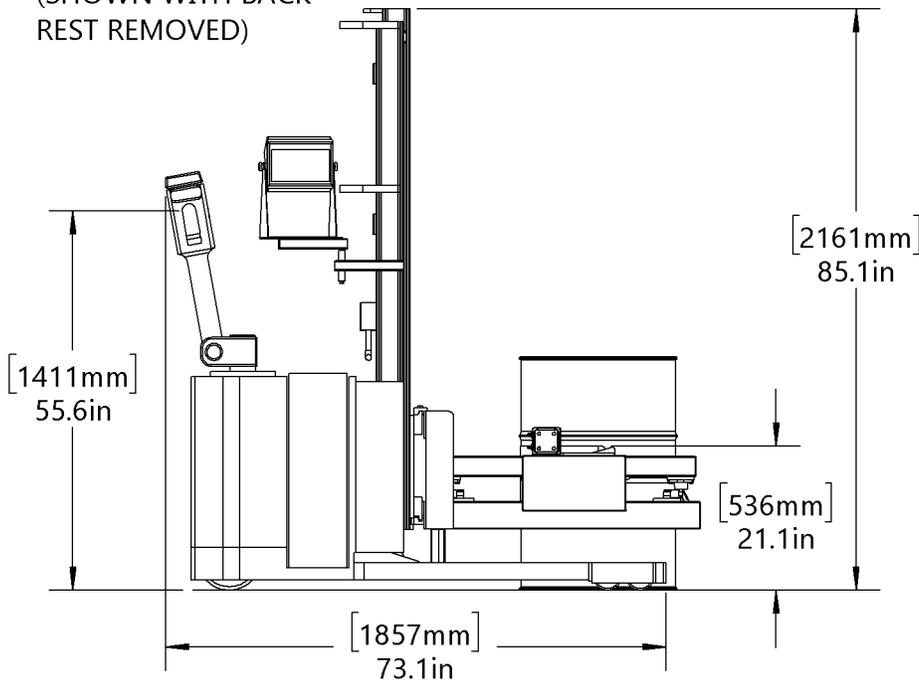
With Drum Lowered To The Floor

Net Weight: 2672 Lb. (1211 kg)
 Capacity: 800 Lb. (363 kg) Full Drum
 500 Lb. (227 kg) Half-Full Drum *



(LEGS CAN BE ADJUSTED TO 46.0 OR 50.0 INSIDE)

(SHOWN WITH BACK REST REMOVED)



* Half-full rating is an indication of capacity for tilting unbalanced, bottom-heavy drum. Partially full drum with unbalanced and shifting load is harder to tilt than full drum.