

611 & 620 SERIES

SPECIFICATIONS SHEET

Advantages

- Free up forklift for other operations
- Eliminate dangerous bare fork drum handling
- Operate in tight spaces with small turning radius
- Safely tilt drum from upright over to horizontal
- Fully utilize storage space
- Simple to operate and stack drum side by side

Safety Conscious Drum Racking

MORStak™ Drum Rackers to easily and safely lift upright drum from the floor, tilt to horizontal, transport and set it into drum rack up to 8.5 feet (2.59 m) high. Then reverse the entire process to retrieve your drum from the rack.

MORStak™ are an alternative to hazardous “bare fork” handling with a lift drum. They upend and down-end a drum, and move in tighter spaces than a forklift. Rack drum with faucet and vent in place so rack can serve as drum dispensing station.

Maximize use of storage space with dense racking no separation between drums. Lifting arms fit easily into spaces below curvature to cradle drum.

Models with Battery, Air or plug-in electric power lift and tilt. Handle RIMMED 55-gallon (210 liter) steel or plastic drum. Capacity: 800 Lb. (363 kg)

- **620 Series:** Serve 4-tier drum rack up to 8.5' (2.59 m)
- **611 Series:** Serve 2-tier drum rack up to 56" (1422 mm)

MORSTAK™ DRUM RACKERS



620 Series rack drum
up to 8.5 feet (2.59 m) high



611 Series rack drum
up to 56" (1422 mm) high

Visual indicator informs operator of recommended height for tilting drums. Special features prevent tilting drum from horizontal until operator secures drum in holder.

Heavy duty hydraulic lift cylinder includes velocity fuse for full line shut-off in event of line failure.



611 AND 620 SERIES MORStak™ Drum Rackers SPECIFICATIONS SHEET



1. Manually secure clamp to grip drum under top rim.



2. Raise upright drum from floor.



3. Tilt drum to horizontal. Transport racking location.



4. Release clamp from horizontal drum. Then raise drum to place on rack up to 8.5' (2.59 m) high.

MORStak™ Drum Rackers			
Model Number	Power Source	Maximum Racking Height	Base Dimensions
620-115	12V DC *	8.5' (2.59 m)	60" x 41" (1524 x 1041 mm)
620-114	Air **		
620-110	AC		
620M-114	Air		
611-115	12V DC *	56" (1422 mm)	46" x 36" (1168 x 914 mm)
611-114	Air **		
611-110	AC		
611M-114	Air		

* 12V DC battery powered hydraulics, includes battery and 50/60Hz charger.

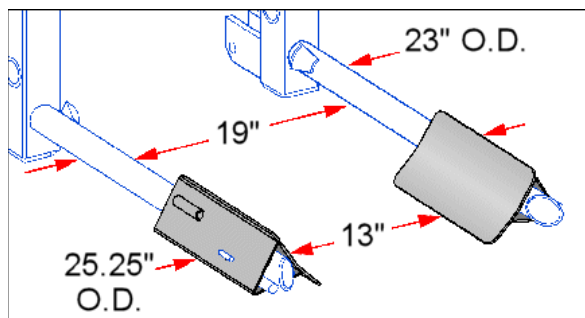
** Air motor requires 40 PSI at 40 SCFM. Do NOT exceed 60 PSI. Install Filter, Regulator and Lubricator (Morse Kit 3869-P) in accordance with air motor manufacturer's recommendations.

Safety Features

MORStak™ Drum Rackers handle ONLY a 55-gallon (210 liter) steel or plastic drum with top rim, and maximum weight of 800 Lb. (363 kg). They will NOT handle a smaller drum or a drum without a top rim. They have a positive drum gripping mechanism that must be manually engaged before lifting an upright drum or tilting a drum from horizontal position. As a safety feature, MORStak™ Drum Rackers will NOT allow you to tilt a drum without clamp engaged.



Rack a RIMMED Plastic Drum



Drum Pads for a RIMMED plastic drum are included with MORStak™ models. They allow you to handle a 55-gallon (210 liter) plastic drum with top rim, as well as a 55-gallon steel drum. These pads reduce maximum drum cradle width from 19" (483 mm) to 13" (330 mm).



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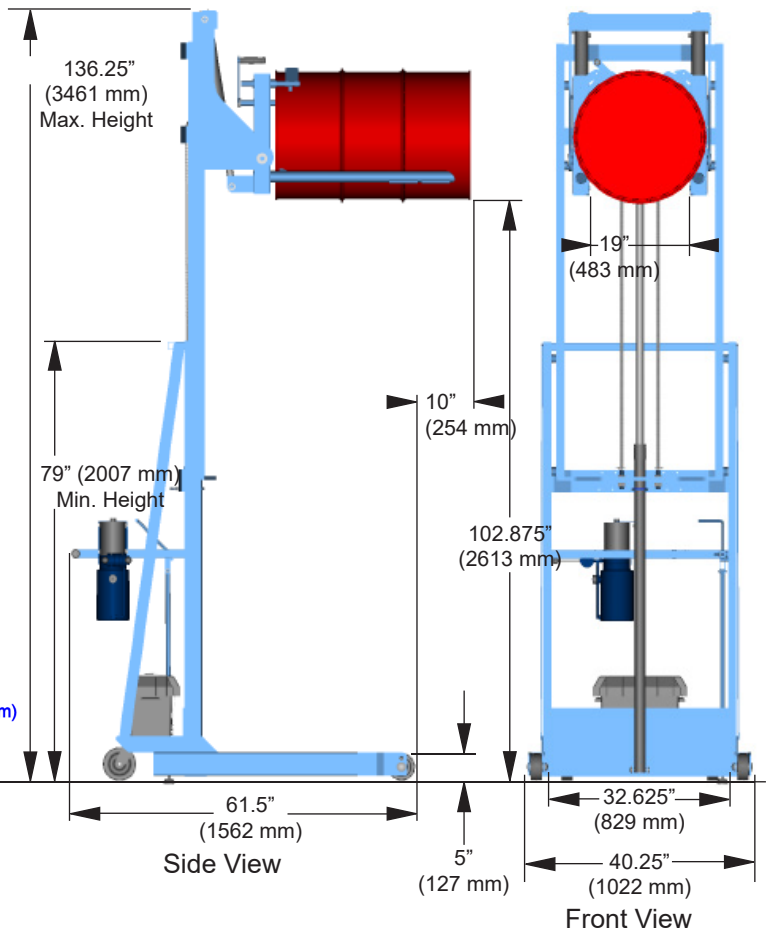
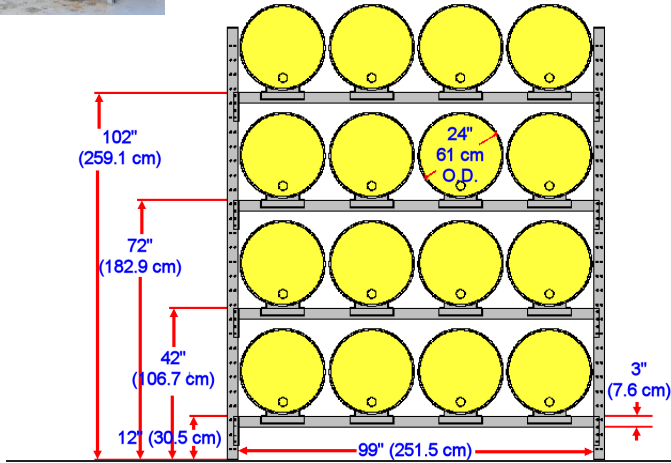
MORStak™ Drum Rackers

SPECIFICATIONS SHEET

620 Series Two-Stage MORStaks™

Rack up to 8.5' (2.59m) High

- Turning Radius: 68.25" (1734 mm)
- Minimum overall height:
 - 79" (2007 mm) with horizontal drum
 - 94.5" (2400 mm) with upright drum
- Typical rack configuration shown below



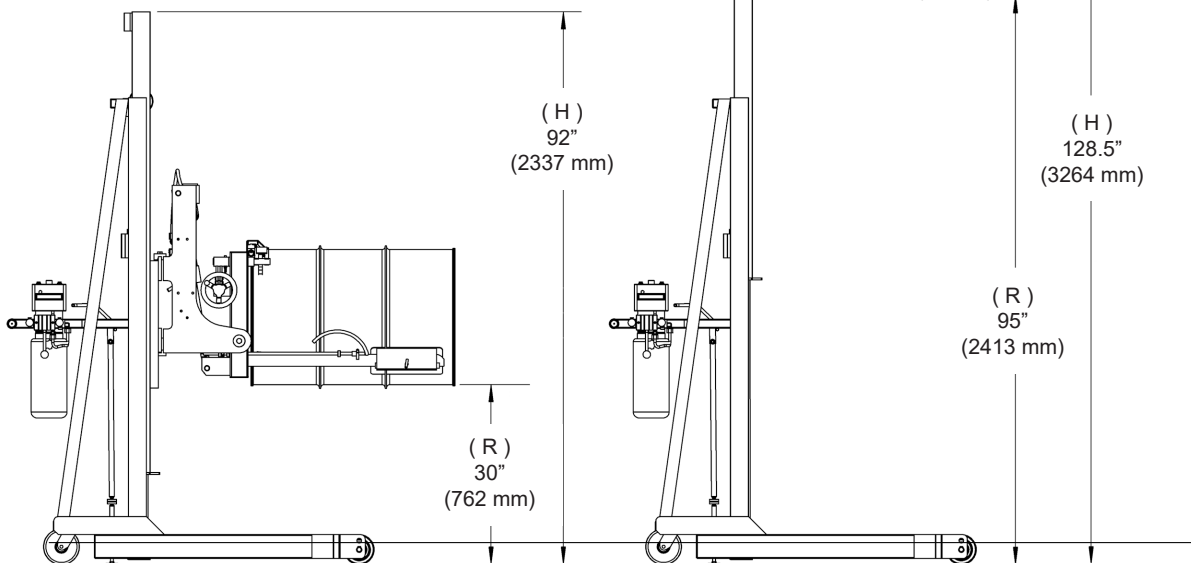
620 Series Frame Height

To find approximate overall frame height (H) at a given rack height (R)

1. If rack height is less than 87" (2210 mm), use $(H) = 77" + 1/2 (R)$
2. If rack height is more than 87" (2210 mm), use $(H) = 33.5" + (R)$

Examples shown in drawing:

- Raising horizontal drum to 30" (762 mm), results in overall frame height of 92" (2337 mm)
- Raising horizontal drum to 95" (2413 mm), results in overall frame height of 128.5" (3264 mm)





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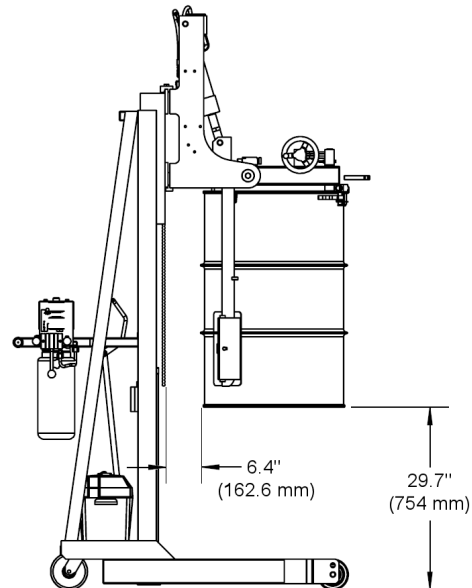
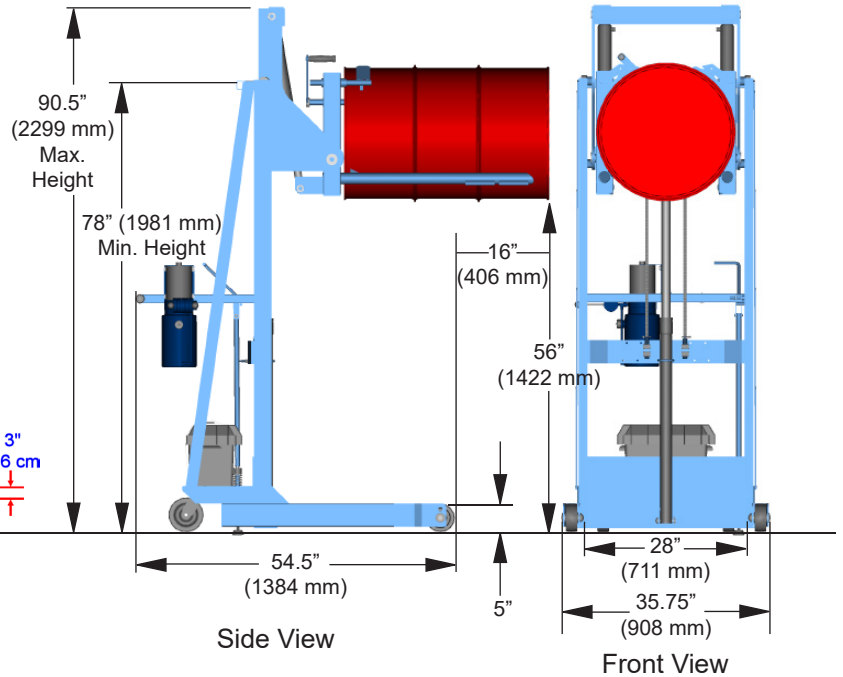
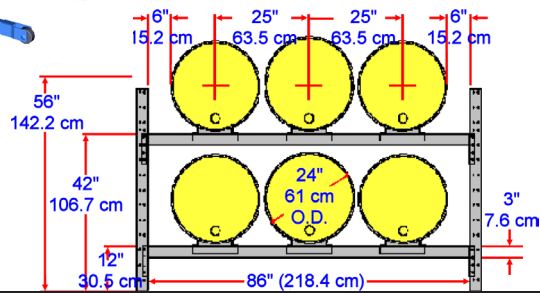
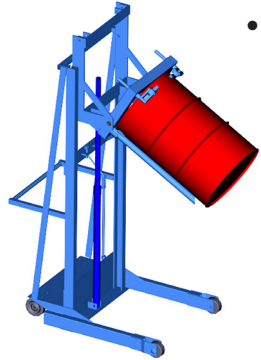
MORStak™ Drum Rackers

SPECIFICATIONS SHEET

611 Series Single Stage Frame MORStaks™

Rack up to 56" (1422 mm) High

- Turning Radius: 61" (1549 mm)
- Typical rack configuration served shown below
- Minimum overall height: 78" (1981 mm)



Maximum Lift
Upright Drum



611 AND 620 SERIES

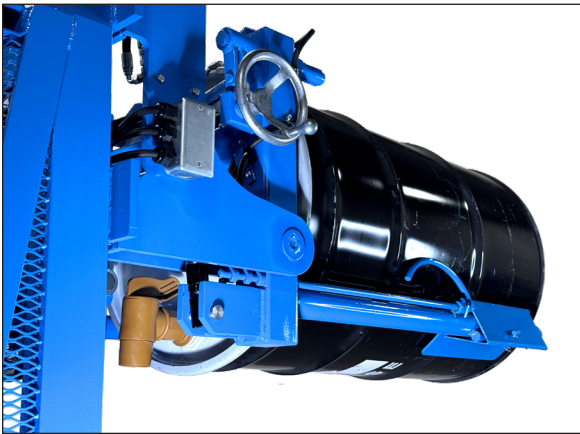
MORStak™ Drum Rackers

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Faucet Clearance Dimensions

MORStak™ Drum Rackers will rack a drum in horizontal position with any of the following Morse Drum Faucets in place on drum:

- Model 65-20 2" (50.8 mm) Molasses Gate
- Model 65-75 0.75" (19 mm) Molasses Gate
- Model 68-20 2" (50.8 mm) Poly Faucet
- Model 68-75 0.75" (19 mm) Poly Faucet



Handle drum with faucet in place

