

Rollerized Tine Extenders for handling 463L cargo pallets

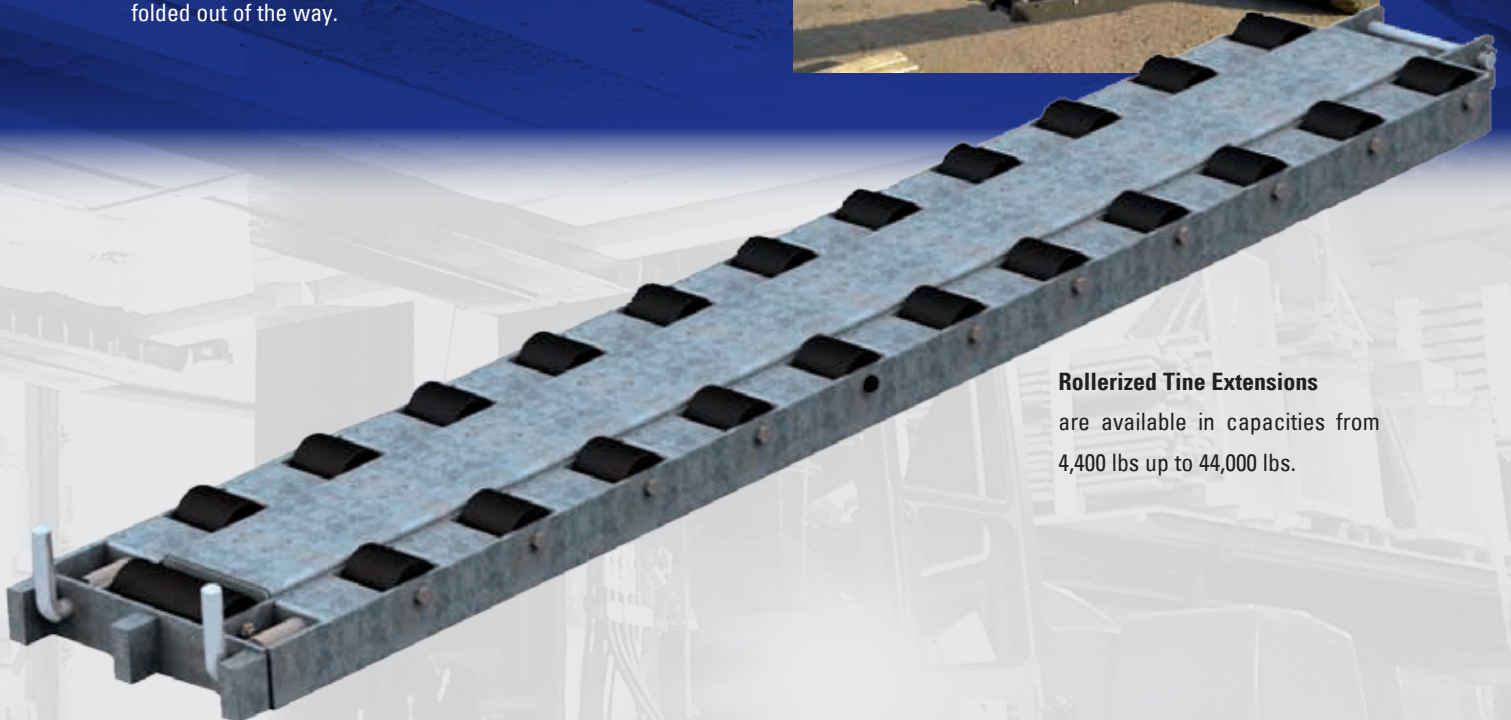
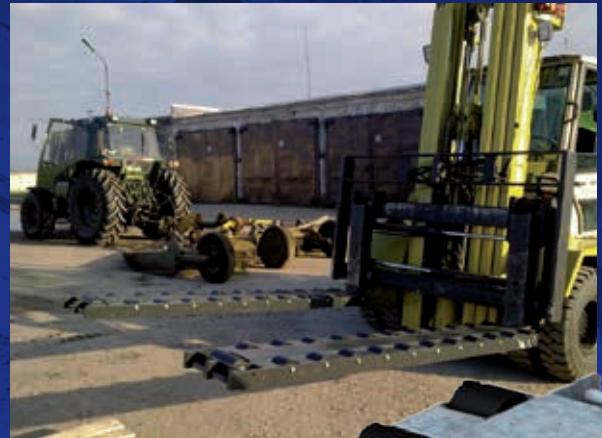


RollerForks®
A trademark of MSE-FORKS B.V.

The HCU 6/E or 463L Master Pallet is a standardized pallet used for transporting military air cargo. It is the main air-cargo pallet used by the United States Air Force and was designed for loading and unloading modern-day military airlifters, as well as numerous civilian Civil Reserve Air Fleet (CRAF) cargo aircraft.

Rollerized Tine Extenders

consist of a hollow cross-section with a single layer of rollers on each side. They can be fitted to regular forklift truck tines like a sleeve and secured using locking pins. Used in this way, rollers are unable to descend so the load remains seated on the rollers at all times. RTE forks have been fitted with a stop to prevent the load sliding off the rollers whenever the forklift truck brakes. The load can be pushed or rolled off the forks manually if the mast is tilted forwards and the stops have been folded out of the way.



Rollerized Tine Extensions are available in capacities from 4,400 lbs up to 44,000 lbs.



Rollerized Tines come standard with stop-mechanism to prevent cargo pallets from rolling off the tines.



Rollerized Tine Extensions are very easy to fit onto the existing liftruck forks just by using a locking pin.

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RFC-Model ROLLERFORKS®

ROLLERFORKS® are ideally suited for lifting and placing aircraft containers and/or air cargo pallets, e.g. 463L pallets. Patented ROLLERFORKS® are solid forklift truck tines fitted with two layers of rollers that rotate in opposite directions to one another. The tines have a special purpose, parabolic nose shape that can be easily inserted beneath cargo pallets. Because the rollers rotate in opposite directions, the load remains stationary and the forks can be rolled easily into place beneath the load.

The ease with which cargo pallets can be lifted using ROLLERFORKS® is also due to the chamfered lower edges of the pallets/containers used. The rollers descend as soon as the pallet/container is raised and the ROLLERFORKS® have been lifted clear of the floor. This allows the load to descend

ROLLERFORKS® RFCU

can be mounted all kinds of lift trucks including Wheel Loaders. Standard models have capacities of 4,400 lbs and 6,600 lbs however, capacities over 30,000 lbs are available upon request.

463L pallets:

Maximum weight : 10,000 lbs
Length : 108 inch
Width : 88 inch

onto the flat portion of the forks rather than rest on the rollers so that the load is fixed and cannot roll off. Rollers have to be in contact with a surface in order to be able to remove the load from the ROLLERFORKS®.

RFCU-Model ROLLERFORKS® with Fixed-Roller

In most cases, the cargo pallets will have to be lifted because the cargo pallet has to be pushed into the hold of the aircraft. An option exists to modify ROLLERFORKS® so that rollers do NOT descend allowing the load to remain on the rollers even once the forks have been lifted clear of the ground. This model (RFCU) has another advantage because the load can be lifted directly off the floor because of the parabolic taper. Special-purpose solutions are then no longer needed for placing airfreight pallets on blocks as is the case with Rollerized Tine Extenders.



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