



# Engineered for Safety

## Pentalift mechanical tilt

Pentalift mechanical tilts were developed to position parts within easy reach, or easy access, of the operator. Ease of access not only increases the operator's comfort level, it also reduces the risk of injury to the operator. Trouble free access minimizes the potential for damage to the components as they are positioned into or removed from the parts shipping container.



## MT series mechanical tilt

Pentalift MT series mechanical tilters position containers in an ergonomically correct location for parts placement or parts removal.

**Operation:** The parts container is positioned on the tilter when the tilter is in the level / horizontal position. The lift truck forks are positioned under the rear of the platform. Raising the forks, the platform is lifted and then mechanically “locked” in the tilted position. Once the container is unloaded/loaded, the operator using a foot pedal releases the locking mechanism. Gravity then returns the platform to the level position.

## DMT series mechanical tilt

Pentalift DMT series mechanical tilters are designed to locate containers in the correct ergonomic position. This series of tilters is best suited for a high volume application. The top platform is loaded tilted and locked into position in the same manner as the MT series mechanical tilt. Once the top container is unloaded / loaded, the operator, using a hand lever releases the locking mechanism. Gravity returns the platform to the level position. The lower level holds a “back-up” container.



## MT series mechanical tilt

### Specifications:

- 500 lb to 4,000 lb capacities available
- Platform widths up to 72" as standard
- Platform lengths up to 72" as standard
- Other platform sizes available
- Self locking at 30 degree of tilt
- Foot pedal tilt lock release
- Spring return locking latch
- Corner stops on tilt platform
- Lagging brackets welded to frame



## DMT series mechanical tilt

### Specifications:

- 500 lb to 4,000 lb capacities available
- Platform widths up to 72" as standard
- Platform lengths up to 72" as standard
- Other platform sizes available
- Self locking at 30 degree of tilt
- Hand lever tilt lock release
- Spring return locking latch
- Corner stops on tilt platform
- Front / side stops on lower platform
- Lagging brackets welded to frame

**Mechanical Tilt Design Criteria:** The design and operating function of Pentalift mechanical tilts is calibrated to the characteristics of the container. For the optimum performance please advise the container height, length, width and the weight of the container (empty and loaded).

Consult a Pentalift Sales Representative for additional information or equipment recommendations

Note: Some photos may reflect products with optional features. All Pentalift Equipment products are subject to design improvement through modification without notice.

## PENTALIFT EQUIPMENT CORPORATION

P O Box 1510 Buffalo NY U.S.A. 14240-1510

P O Box 1060 Guelph ON Canada N1H 6N1

Website: [www.pentalift.com](http://www.pentalift.com)

Phone (519) 763-3625 Fax (519) 763-2894

Phone (519) 763-3625 Fax (519) 763-2894

Email: [lift@pentalift.com](mailto:lift@pentalift.com)

Product Bulletin 0214L046  
Printed in Canada