



LIFT-TEK®

**Lift Technologies Inc.
Product Line**

From the Global Leader in Material Handling Front End Solutions

Industrial Truck Counterbalanced and Narrow Aisle Masts

1 MS: TWO STAGE MASTS

The standard two stage mast provides high performance with limited free-lift. It offers excellent operator visibility and requires little maintenance. Ideal for applications where overhead clearance is not a major factor. Lift height from 79.5" to 227.5" (2,020 to 5,780 mm).

2 MD: TWO STAGE DUAL MASTS WITH FREE-LIFT

The two stage full free-lift dual mast gives you double-stacking capability where overhead clearance is limited. Ideal for trailer or box-car loading and unloading, the dual is designed for general warehousing applications that have specific height requirements. Lift height from 79.5" to 169.5" (2,020 to 4,310 mm).

3 MT: THREE STAGE MASTS

The three stage mast is ideal for applications where high full free-lift and low overhead clearance are key factors. The E-Series high visibility three stage mast is field proven for durability, while offering excellent operator visibility for added productivity. Lift height from 111" to 433" (2,820 to 10,998 mm).

4 MQ: FOUR STAGE QUAD MASTS

Designed for high stacking requirements typically found in the carpet, food and beverage, warehousing and printing industries. Lift-Tek quad masts offer superior strength and stability along with excellent visibility. Lift-Tek quad masts have excellent deflection values allowing use with a wide variety of attachments. Lift height from 192" to 336" (4,880 to 8,534 mm).

5 MP: FIVE STAGE MASTS

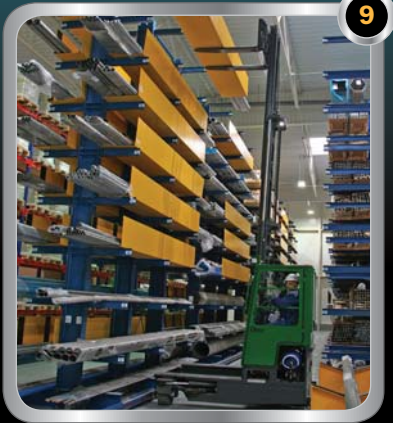
The compact single stack five stage mast has excellent visibility and is designed for use where tall lift heights are required along with low collapsed heights. The five stage is offered with full free-lift and can be ordered with either an integral carpet pole carriage or a standard ITA hook carriage. The mast can be mounted on 6,500, 7,000 or 8,000 lb. chassis, with capacities up to 5,000 lb. at a 24" load center. Lift height from 266" to 391" (6,756 to 9,931 mm).

6 PANTOGRAPH REACH MASTS

Pantograph reach masts are available in a wide range of lift heights where precise load handling is required. Single or double reach carriage configurations are available with reach and retract cylinder cushioning to ensure smooth and efficient load handling. Various base leg sizes, base leg opening widths and wheel box configurations are available. Lift height from 146" to 425" (3,708 to 10,795 mm).

7 AGV (AUTOMATIC GUIDED VEHICLE) MASTS

Used primarily in very narrow aisle applications, Lift-Tek supplies masts for AGV customers with a variety carriage or turret options to suit the end use application.



Rough Terrain Masts and Telehandler Carriages

8 ROUGH TERRAIN MASTS

Lift Tek rough terrain masts are rugged designs available in a variety of capacities and lift heights with hook or pin style fork carriages. Masts can be ordered with full free lift where overhead clearance is a consideration. RTFL masts are available with a variety of carriage options including fork positioning and side shift.

9 SIDELOADER MASTS

Sideloader masts are specially designed to handle typically longer load sizes in work areas where travel space and aisle widths are limited. These masts handle a wide variety of load sizes and configurations and are used in all weather conditions.

10 FIXED CARRIAGE

Carriages are available in widths from 48" to 72" and can handle loads up to 10,000 lb.

11 180 DEGREE SWING CARRIAGE

This unique design offers excellent visibility, high capacity and a full 90 degree swing to both left and right. By swinging the carriage to the left or right, loads can be maneuvered through openings and tight spaces such as narrow aisles or window openings.

12 SIDE TILT CARRIAGE

High visibility carriages capable of tilting loads up to 10 degrees left or right allowing for transport over uneven terrain, placement on non-level surfaces such as roofs or picking materials on uneven terrain.

13 8' VERTICAL MAST EXTENSION

Increases placement height without needing additional telescopic boom height. Allows the operator to place materials on higher scaffolding sections.

14 SIDESHIFTING AND FORK POSITIONING CARRIAGES

Allows the operator to precisely position forks and loads in seconds. Ideal for handling various load sizes efficiently and accurately in varying conditions.



Other Products and Services

15 ITA HOOK CARRIAGES

Class 2, 3 and 4 carriages are available with fork spacing in various widths and configurations. Carriages are offered with attachment adaption kits (fittings, hoses, and brackets) that allow simple and efficient fit-up of attachments to the carriage and the truck hydraulic system.

16 INTEGRAL SIDESHIFTERS AND FORK POSITIONERS

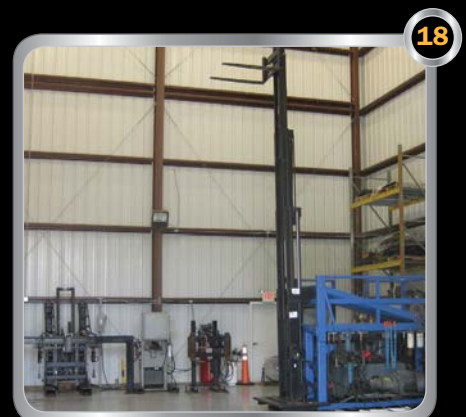
Integral sidershifters provide greater net mast capacity compared to hang on sidershifters by reducing the lost load center. Consult with Lift Technologies regarding integral fork positioners which are field installation ready.

17 MAST RAIL CUTTING, MACHINING AND PROCESSING

Mast rails cut to length and machined to precise customer specifications. Shot blast finish ensures ready to paint smooth final surface finish and optimal roller bearing tracking. Mast rails can be delivered in the customers build sequence on a JIT basis to minimize on site inventory and long term mill commitments.

18 ON SITE TEST CENTER

Capabilities of the Lift-Tek Test Center include dimensional, strain gage and deflection analysis along with performance characteristic analysis (pressure, speed, flow). All endurance limit testing is provided through PLC controlled and monitored repetitive testing.



Global Locations

WESTMINSTER, SOUTH CAROLINA, USA

This location is comprised of two manufacturing plants and one product test center. Plant 1 utilizes assembly line production for higher volume repetitive mast requirements where robotic welding is utilized to drive consistently high quality workmanship. Cellular work stations with modular tooling are used for lower volume requirements where the variations in product designs are quite broad and require flexibility in the manufacturing process. Plant 2 supplies carriages, sideshifters and fork positioners as well as rail welding and processing capabilities. This location also houses the company's full line parts distribution center offering service parts to North and South America.



INDAIATUBA, BRAZIL

Lift Technologies Brazilian plant is a new facility strategically located near several major lift truck OEM manufacturing plants providing a local source for a wide variety of masts in short lead time. The plant is tooled to allow flexibility in manufacturing various product lines to suit the customer needs.



PIACENZA, ITALY

The company's European operation provides masts from 1.5 to 50.0 tons in capacity. In house cylinder production provides flexibility to offer very specialized mast design solutions in very short lead times. In house rail welding means larger mast designs can be developed and optimized to suit the specific end use application in the most efficient manner possible. An experienced in house engineering team provides world class design solutions for very demanding applications on global scale.



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