

## **General and Mechanical**

Hydrostatic: All hydraulic. Basically; this is the replacement of mechanical linkages with hydraulic lines.

MFH (Maximum Fork Height): The maximum lift distance that a mast will raise the forks. Measured distance from the topside of the fork tip to the floor.

OAH (Over All Height): In this application, the OAH is referring to the measured distance from the floor to the top of the mast while the mast is fully collapsed / lowered.

FL (Free Lift): FL refers to the attainable lift from the extreme lowered position of the carriage before the stated overall collapsed height of the mast is exceeded by any standard part of the forks, mast or carriage assemblies.

LFL (Limited Free Lift): A limited / restricted amount of free lift either as standard or as optional.

FFL (Full Free Lift): The maximum amount of free lift available either as standard or as optional.

GPM (Gallons Per Minute): A unit of liquid flow measurement. In lift trucks, this measurement refers to the amount of hydraulic oil flow / output that can be generated from the trucks hydraulic pump and motor.

ANSI-(American National Standards Institute)-B-56: Standard adopted by the Industrial Truck Association (ITA), which details safety requirements for industrial trucks.

ASME-(The American Society of Mechanical Engineers) B56.1-2000: Safety standard adopted by the Industrial Truck Association (ITA), which details and regulates safety requirements for industrial trucks.

Cycle Time: The total of travel, load time, and unload time.

Gradeability: The percent (%) of grade that a truck can ascend or descend.

Transition: The maximum change in grade the trucks geometry allows before bottoming out.

OHG (Overhead Guard): The framework part of the truck that is mounted over the operator compartment to guard / protect the operator in the event of falling objects from overhead.

OAW (Over All Width): Width of the lift trucks extremities measured in direction of fork width.

OAL (Over All Length): Length from the rearmost extremity of the lift truck to the face of the fork.

OEM (Original Equipment Manufacturer): Refers to the original manufacturer of a particular make of equipment.