

Mast Rollers

The mast of the lift truck is an integral piece of the forklift's structure. These forklift vehicles are big industrial equipment that assist companies lift a move materials and merchandise.

The vertical assembly responsible for raising or lowering a load is referred to as the mast. A lift truck mast consists of interlocking rails that provide sideways support. These rails are guided by bushings or rollers.

The masts on lift trucks utilize metal plates so as to transport goods and are powered by hydraulic mechanisms. Hydraulics is defined by the transmission of power which uses pressurized fluid, which in this particular situation is oil. Hydraulic cylinders which link directly to the forklift motor are responsible for driving the mast, causing it to lower, lift or tilt cargo. The pressurized oil drives the cylinder piston to be able to move in a linear motion, or in strokes. The mast is normally worked by means of a handle in the cab or located in the part of the forklift that houses the lift truck control components and the worker.

A swing mast is a forklift mast which can revolve ninety degrees in one direction. The particular design allows the swing mast to work efficiently in tight aisles.