

Mast Rollers

Mast Roller - The mast of the forklift is an important piece of the lift truck's framework. These forklift vehicles are large industrial machinery which help businesses raise a transport supplies and merchandise.

The vertical assembly responsible for raising or lowering a load is called the mast. A lift truck mast comprises interlocking rails that provide lateral stability. These rails are guided by rollers or brushings.

Making use of metallic plates so as to help transfer supplies, the masts are driven by hydraulic mechanisms. Hydraulics is the transmission of power which utilizes pressurized fluid, typically oil. Hydraulic cylinders which connect directly to the lift truck engine are responsible for driving the mast, causing it to lower, lift or tilt a load. The pressurized oil drives the cylinder piston to move in a linear motion, or in strokes. The mast is normally worked by way of a lever within the cab or situated in the part of the forklift that houses the forklift control parts and the worker.

A swing mast is a forklift mast that can swing ninety degrees in one direction. The design allows the swing mast to function effectively in tight aisles.