

Mast Rollers

Mast Rollers - The forklift mast is an important piece of the lift truck's structure. These lift trucks or forklift vehicles are industrial equipment utilized to pick up and transfer merchandise.

The mast is a vertical assembly that is responsible for lowering and raising the load. The mast of a lift truck consists of interlocking rails to give some lateral steadiness. These rails are guided by rollers or brushings.

The masts on lift trucks make use of metal plates to be able to transfer materials and are driven by hydraulic systems. Hydraulics is defined by the transmission of power which utilizes pressurized fluid, which in this particular situation is 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 be able to move in a linear motion, or in strokes. The mast is normally operated by way of a handle in the cab or positioned in the section of the forklift that houses the forklift control parts and the worker.

A swing mast is a lift truck mast that can revolve ninety degrees in one direction. The design allows the swing mast to work effectively in tight aisles.