

Mast Roller

Mast Rollers - The mast of the forklift is an integral piece of the lift truck's framework. These lift truck vehicles are huge industrial equipment that assist businesses lift a transfer supplies and goods.

The vertical assembly responsible for lowering or raising cargo is called the mast. A forklift mast comprises interlocking rails that give lateral stability. These rails are guided by rollers or brushings.

The masts on lift trucks use metal plates so as to transfer supplies and are driven by hydraulic mechanisms. Hydraulics is defined by the transmission of power which uses pressurized fluid, which in this instance is oil. Hydraulic cylinders which link 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 often operated via a lever within the cab or located in the area of the forklift which houses the lift truck control components and the operator.

A swing mast defines a forklift truck using a mast which can turn in a 90 degree angle in one direction. This particular design allows the swing mast to function in aisles which are less than 6 feet wide.