

Forklift Mast Roller

Mast Rollers - The mast of the forklift is an important component of the forklift's frame. These forklift vehicles are big industrial equipment which assist companies lift a transfer materials and goods.

The vertical construction responsible for raising or lowering a load is referred to as the mast. A lift truck mast comprises interlocking rails that give lateral steadiness. These rails are guided by bushings or rollers.

Using metal plates so as to help transfer materials, the masts are powered by hydraulic mechanisms. Hydraulics is the transmission of power which uses pressurized fluid, normally oil. Hydraulic cylinders that connect directly to the lift truck engine are responsible for driving the mast, causing it to lower, lift or tilt cargo. The pressurized oil drives the cylinder piston to move in a linear motion, or in strokes. The mast is normally operated via a lever within the cab or positioned in the part of the forklift which houses the lift truck control components and the operator.

A swing mast is a lift truck mast that could revolve 90 degrees in one direction. The particular design allows the swing mast to operate effectively in tight aisles.