

Forklift Mast Roller

Mast Rollers - The mast of the forklift is an important piece of the forklift's framework. These forklift vehicles are big industrial machinery which help businesses raise a transfer supplies and merchandise.

The mast is a vertical assembly which is responsible for lowering and raising cargo. The mast of a forklift consists of interlocking rails so as to provide some sideways support. These rails are guided by rollers or brushings.

Making use of metallic plates in order to help move supplies, the masts are driven by hydraulic mechanisms. Hydraulics is the transmission of power through the use of a pressurized fluid, usually oil. Hydraulic cylinders which connect directly to the lift truck engine are responsible for driving the mast, causing it to tilt, lower or lift 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 worked by means of a lever within the cab or positioned in the part of the forklift that houses the lift truck control components and the operator.

A swing mast is a forklift mast that can turn 90 degrees in one direction. The design enables the swing mast to operate efficiently in constricted aisles.