

Mast Roller for Forklift

Mast Roller for Forklift - The mast of the lift truck is an essential piece of the forklift's frame. These forklift vehicles are huge industrial machinery that help businesses pick up a transfer supplies and goods.

The vertical construction responsible for raising or lowering a load is known as the mast. A lift truck mast has interlocking rails that give lateral stability. These rails are guided by rollers or brushings.

The masts on lift trucks utilize metal plates to move goods and are driven by hydraulic mechanisms. Hydraulics is defined by the transmission of power which utilizes pressurized fluid, which in this particular situation is oil. Hydraulic cylinders that link directly to the forklift engine are responsible for driving the mast, causing it to tilt, lower or lift a load. The pressurized oil drives the cylinder piston to move in a linear motion, or in strokes. The mast is normally operated by way of a handle within the cab or positioned in the area of the forklift that houses the forklift control parts and the worker.

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