

Mast Roller

Forklift Mast Rollers - The lift truck mast is an essential piece of the forklift's framework. These forklifts or also called forklift vehicles are industrial machinery utilized to be able to lift and move materials.

The mast is a vertical assembly that is responsible for lowering and raising the load. The mast of a forklift comprises interlocking rails to be able to give some lateral support. These rails are guided by rollers or brushings.

The masts on lift trucks make use of metal plates so as to transport supplies and are driven by hydraulic systems. Hydraulics is defined by the transmission of power which utilizes pressurized fluid, which in this particular instance is oil. Hydraulic cylinders that link 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 move in a linear motion, or in strokes. The mast is normally operated via a lever in the cab or located in the part of the lift truck that houses the forklift control components and the worker.

A swing mast defines a lift truck truck with a mast which can rotate in a ninety degree angle in one direction. This particular design allows the swing mast to operate in aisles which are less than 6 feet wide.