

Mast Rollers

Forklift Mast Roller - The forklift mast is an important component of the forklift's structure. These forklifts or also called forklift vehicles are industrial machines used to be able to lift and move materials.

The vertical assembly responsible for raising or lowering cargo is known as the mast. A lift truck mast consists of interlocking rails that give lateral stability. These rails are guided by rollers or brushings.

Utilizing metal plates so as to help transport supplies, the masts are powered by hydraulic mechanisms. Hydraulics is the transmission of power through the use of a pressurized fluid, typically oil. Hydraulic cylinders that link 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 often worked by way of a handle within the cab or located in the area of the forklift that houses the lift truck control parts and the worker.

A swing mast defines a lift truck truck utilizing a mast which could swing in a ninety degree angle in one direction. This design allows the swing mast to function in aisles which are less than 6 feet wide.