

Telehandler Part

Telehandler Parts - A telehandler or telescopic handler is a machine which is normally utilized in agricultural and industrial applications. It has the same look to a lift truck and even functions in a similar way, though, the telehandler is more of a crane than a forklift. It has a telescopic boom which could extend forward and upward from the motor vehicle. The boom has the capability to fit one of several attachments including a lift table, muck grab, pallet forks or a bucket.

Pallet tines are the most popular attachment for the telehandler. This equipment is commonly used for moving loads to and from places which a standard forklift will find unreachable. Telehandlers are particularly helpful for placing loads on rooftops for instance, or for removing palletized cargo from with a trailer. A lot of the jobs that a telehandler can accomplish will otherwise need a crane and this machine can be expensive, impractical and not always time efficient.

The boom acts as a lever, extending and raising while bearing a load. Even though there are rear counterweights, this can cause the telehandler to become more unbalanced. Thus, the greatest advantage of the telehandler is likewise its greatest limitation. As the working radius increases, the lifting capacity decreases. The working radius is defined as the distance between the center of the load and the front of the wheels.

The telehandler with a 5000 lb capacity for example, with a retractable boom can safely lift as little as 400 lb at a fully extended boom at a low boom angle. Equivalent machines with a lift capacity of 5000 lbs and a retractable boom which can support as much as 10,000 lb with the boom raises to about 70 degrees. The operator has a load chart to help determine whether a specific lifting task can be accomplished in a safe and efficient manner. This particular chart takes into account the height, the boom angle and the weight.

Many telehandlers come equipped together with a computer that makes use of sensors so as to monitor the motor vehicle. These sensors will warn the operator and some are capable of cutting off further control input if the limits of the motor vehicle are exceeded. Several telehandler models are also equipped with front outriggers which are called mobile cranes. These greatly extend the lifting capacity of the apparatus while it is stationary.