

Parts for Telehandlers

Telehandler Parts - The telescopic handler or telehandler is a frequently utilized equipment in agricultural and industrial applications. This machine is the same in appearance to a forklift and also functions in a similar way, though telehandlers are much more like a crane than lift truck. It has a telescopic boom that could lengthen upward and forwards from the motor vehicle. The boom has the capability to fit one of several accessories including a bucket, a lift table, muck grab or pallet forks.

Pallet forks are the most common attachment meant for the telehandler. This machine is normally used for transporting loads to and from places which a traditional lift truck would find inaccessible. Telehandlers are especially useful for placing loads on rooftops for instance, or for removing palletized cargo from with a trailer. A lot of the tasks that a telehandler can accomplish would otherwise need a crane and this machine could be costly, not practical and not always time efficient.

Because the boom raises or extends while bearing a load, it likewise acts as a lever. Even with the counterweights in the back, this causes the machine to become more and more unbalanced; therefore, the advantage of the telehandler is actually its greatest limitation. As the working radius increases, the lifting capacity lessens. The working radius is defined as the distance between the front of the wheels and the center of the load.

The telehandler with a 5000 lb capacity for instance, with a retractable boom can safely lift as little as 400 lb at a completely 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 approximately 70 degrees. The operator has a load chart to be able to help determine whether a certain lifting task can be completed in a safe and efficient way. This particular chart considers the boom angle, the weight and height.

So as to monitor the telehandler, they come equipped together with a computer that uses sensors. These sensors work to warn the operator, with some being able to cut controls to certain inputs if the limits of the motor vehicle are exceeded. Some telehandler models are likewise outfitted with front outriggers that are known as mobile cranes. These significantly extend the lifting capability of the equipment while it is stationary.