

Parts for Telehandler

Parts for Telehandlers - The telescopic handler or telehandler is a frequently used machine in agricultural and industrial applications. This machine is the same in appearance to a forklift and also works in a similar manner, even if telehandlers are much more like a crane than lift truck. It has a telescopic boom which can lengthen upward and forwards from the vehicle. The boom has the capability to fit one of various attachments like for example muck grab, pallet forks, a bucket or a lift table.

Pallet forks are the most popular accessory for the telehandler. This particular equipment is most often utilized for transporting loads to and from locations that a traditional forklift will find inaccessible. Telehandlers are particularly useful for placing loads on rooftops for example, or for removing palletized cargo from with a trailer. A lot of the jobs that a telehandler can carry out will otherwise need a crane and this particular piece of equipment can be costly, not always time efficient and not practical.

Because the boom extends or raises while bearing a load, it also acts as a lever. Even with the counterweights in the rear, this causes the machine to become more and more unbalanced; thus, the advantage of the telehandler is actually 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 could safely lift as little as 400 lb at a fully extended boom at a low boom angle. Equivalent machinery with a lift capacity of 5000 lbs and a retractable boom which could support as much as 10,000 lb with the boom raises to around 70 degrees. The operator has a load chart in order to help determine whether a certain lifting task can be completed in a safe and efficient manner. This chart takes into consideration the boom angle, the weight and height.

Various telehandlers come equipped together with a computer that utilizes sensors so as to monitor the vehicle. These sensors would alert the operator and some are capable of cutting off further control input if the limits of the motor vehicle are exceeded. Some telehandler models are also equipped together with front outriggers that are known as mobile cranes. These significantly extend the lifting capability of the equipment while it is stationary.