

Parts for Telehandler

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

The most common telehandler attachments are pallet blades. The telehandler is utilized to transfer merchandise in situations where the loads cannot be moved by a typical lift truck. Telehandlers are especially helpful for placing loads on rooftops for example, or for removing palletized cargo from with a trailer. A lot of the tasks that a telehandler could accomplish will otherwise need a crane and this machine could be expensive, not always time efficient and not practical.

The boom acts as a lever, raising and extending while bearing a load. Although there are rear counterweights, this might cause the telehandler to become more unstable. Hence, the greatest advantage of the telehandler is also 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.

For instance, a telehandler with a 5000 lb capability with the boom retracted could safely lift as little as 400 lb as soon as it is completely extended at a low boom angle. The equivalent equipment which has a 5000 lb lift capacity and the boom retracted can support up to 10,000 lb with the boom raised to 70 degrees. The operator has a load chart to help determine whether a particular lifting task could be done in a safe and efficient manner. This chart takes into account the boom angle, the weight and height.

So as to monitor the telehandler, they come equipped together with a computer which makes use of sensors. These sensors work to alert the operator, with some being able to cut controls to certain inputs if the limits of the vehicle are exceeded. Several telehandler models are also equipped along with front outriggers that are called mobile cranes. These really extend the lifting capacity of the apparatus while it is stationary.