

Telehandler Parts

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

Pallet forks are the most popular accessory meant for the telehandler. This machine is most often utilized for moving loads to and from areas which a typical forklift would find inaccessible. Telehandlers are specially helpful for placing loads on rooftops for instance, or for removing palletized cargo from with a trailer. Many of the tasks which a telehandler can complete will otherwise require a crane and this piece of equipment can be expensive, impractical and not always time efficient.

As the boom raises or extends while bearing a load, it also acts as a lever. Despite the counterweights in the back, this causes the machine to become increasingly unbalanced; thus, the advantage of the telehandler is truly 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 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 approximately 70 degrees. The operator has a load chart to be able to help determine whether a specific lifting job could be completed in an efficient and safe manner. This chart considers the boom angle, the weight and height.

Many telehandlers come equipped with a computer which utilizes sensors to be able to monitor the motor vehicle. These sensors will alert the operator and some are capable of cutting off further control input if the limits of the motor vehicle are exceeded. Several telehandler kinds are also outfitted with front outriggers which are referred to as mobile cranes. These significantly extend the lifting capability of the machinery while it is stationary.