

Parts for Telehandler

Telehandler Parts - The telescopic handler or telehandler is a commonly utilized equipment in agricultural and industrial applications. This particular equipment is similar in look to a forklift and even works in a similar way, though telehandlers are much more like a crane than forklift. It has a telescopic boom which can lengthen forward and upward from the vehicle. The boom has the capability to fit one of various attachments including pallet forks, a bucket, a lift table or muck grab.

The most popular telehandler attachments are pallet blades. The telehandler is used so as to transport merchandise in situations where the loads cannot be transported by a conventional forklift. Telehandlers are especially useful for placing loads on rooftops for instance, or for removing palletized cargo from with a trailer. Many of the tasks that a telehandler could carry out would otherwise require a crane and this piece of equipment can be pricey, not always time efficient and impractical.

The boom acts as a lever, extending and raising while bearing a load. Even if there are rear counterweights, this may cause the telehandler to become more unbalanced. Therefore, 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.

The telehandler with a 5000 lb capacity for example, 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 could support as much as 10,000 lb with the boom raises to about 70 degrees. The operator has a load chart in order to help determine whether a certain lifting task could be done in an efficient and safe manner. This chart takes into account the boom angle, the weight and height.

A lot of telehandlers come equipped together with a computer that utilizes sensors in order to monitor the 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 types are also outfitted along with front outriggers that are referred to as mobile cranes. These really extend the lifting capability of the equipment while it is stationary.