

Parts for Telehandler

Telehandler Part - The telehandler or telescopic handler is a frequently used equipment in agricultural and industrial applications. This equipment is similar 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 can lengthen forward and upward from the motor vehicle. The boom has the capability to fit one of various accessories including muck grab, pallet forks, a bucket or a lift table.

The most popular telehandler accessories are pallet forks. The telehandler is utilized in order to move products in sites where the loads cannot be moved by a typical lift truck. Telehandlers are particularly helpful for placing loads on rooftops for example, or for removing palletized cargo from with a trailer. A lot of the jobs which a telehandler could accomplish would otherwise require a crane and this machine can be costly, not always time efficient and impractical.

As the boom raises or extends while bearing a load, it also acts as a lever. Even with the counterweights in the back, this causes the equipment to become ever more unstable; thus, the advantage of the telehandler is really 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 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 about 70 degrees. The operator has a load chart to help determine whether a particular lifting job can be accomplished in a safe and efficient manner. This particular chart considers the weight, height and the boom angle.

Several telehandlers come outfitted together with a computer which uses sensors in order 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. Several telehandler kinds are likewise equipped along with front outriggers that are called mobile cranes. These significantly extend the lifting capacity of the equipment while it is stationary.