

Telehandler / Zoom Boom

Used Telehandler Anaheim - Telehandlers have numerous names including a teleporter, Cherry picker, telescopic handler or boom lift. This industrial equipment is commonly used in a variety of industries including agriculture. It is similar to a forklift and a crane as it has a boom, enabling it to extend upwards and forwards from the vehicle. Many different attachments can be used at the end of the articulating boom to facilitate a wide number of jobs. Different attachments such as a bucket, pallet forks, a muck grab or a winch can help the machine complete many jobs. The main telehandler attachment is the pallet forks. They allow the operator to transport loads to and from locations that are considered unreachable with a regular forklift. Telehandlers allow cargo pallets to be loaded and unloaded from a trailer and placed on high locations such as racking or rooftops. Often, high rooftop locations would need a crane although, telehandlers can accomplish these tasks much more efficiently. Of course, it isn't always affordable or practical to use secondary equipment or a crane to complete certain tasks. A bucket grab or a bucket is the most common attachments for telehandlers within the agricultural sector. Transporting items from unreachable places that cannot use a backhoe loader or a wheeled loader is one of the main advantages of using a telehandler.

Telehandlers are beneficial for applications that would usually require a loading ramp or conveyor since they are capable of directly accessing trailers with high sides and hoppers. Relying on one piece of equipment to complete a variety of jobs saves time, money and storage. Telehandler units often work together with a crane jib. Various attachments may be used including rotators, dirt buckets, grain buckets and power booms.

Agricultural models can be outfitted with power take-off and 3-point linkage, making the telehandler and exceptionally useful. However, the main advantage of the telehandler is additionally its' largest limitation. The boom acts as a lever when it extends or raises with heavy loads. Even with rear counterweights, this machine may become unstable from time to time; decreasing the lift capacity when the distance between the center of the load and the front of the wheels or the working radius increases. When a telehandler functions as a single boom loader (as opposed to twin arms) and carrying a heavy load, there can be a potential for weakness even in the best designs. A 5000 lb. capacity telehandler could lift 400 lbs. safely while fully extended with a retracted boom in conjunction with a low boom angle. Raising the same piece of equipment 70 degrees could allow this machine with a five thousand pound lift capability and retracted boom to support up to ten thousand pounds. These machines are equipped with a load chart to help outline which tasks are safely possible. These charts take the boom height, angle and weight into account. Newer telehandler models rely on computers and sensors to monitor the machine. The operator is warned and even cut off further control input once the limits of the telehandler are surpassed. The lifting capacity is enhanced by front stabilizers that maximize the lifting capacity from a stationary position. A mobile crane can also use a bucket is another option consisting of a stabilized rotary joint found between upper and lower frames. Compact telehandler models are available in a variety of different weights, reach, sizes and boom designs.

Telehandlers that weigh 11,000 pounds or less fall into the compact category. A two-stage boom is a popular option for compact models whereas the three or four boom design is common for bigger machines. Compact models rely on a low pivot boom to facilitate better cab visibility as the operator transports loads. There are narrower and smaller dimensions offered with the compact telehandler. The compact units offer a reach capacity between thirteen to twenty feet and a lifting capacity ranging from five thousand to seven thousand pounds. There are many different applications this machine is suitable for working in. It may be used as a tool carrier or a pick and place machine. It is commonly utilized in spaces that are tight and cramped. It is common for contractors to use this machine during framing and for residential jobs where there are height restrictions. Telehandlers can enter internal building access in hard-to-reach locations. Compact telehandlers are used in many applications including nurseries, erecting steel, multi-story construction, masonry, strip malls, garages and similar jobs. Agri-business and farming applications rely on telehandlers for a variety of

jobs. Telehandlers come with crab steering or two or four-wheel drive options. The unit can travel over longer ranges at higher speeds with two-wheel drive, making it ideal for moving throughout job sites. Four-wheel drive units can travel over harder terrain while offering a tighter turning radius. Crab steering increases overall maneuvering and enables the front and back wheels to move 45 degrees to the left or the right. Compact telehandlers have numerous cab environments to choose from. On entry-level models, there is a rollover cage for added safety. Higher-end models are equipped with a fully enclosed cab, a heater, windshield wiper and defroster. Operators enjoy spacious accommodation for ultimate comfort. Additional options including satellite radio, air conditioning, armrests, cup holders, suspension seats and tilt steering are available. Many high-pressure hydraulics and high-flow auxiliary hydraulics operate the numerous attachments. The different attachments allow the machine to be capable of many options. All of these attachments enable the machine to conduct a variety of jobs. Compact machines conduct ground-engaging jobs. It is easy to enjoy the benefits of a mini excavator by adding a simple bucket attachment to the telehandler. There are popular attachments including brooms for sweeping, truss booms for extended reach, side-shifting and rotating fork carriages, heavy and light-duty buckets, augers for planting trees or digging holes and many items. Skid steer attachments are being manufactured for certain compact telehandler designs for even more versatility.