

Telehandler / Zoom Boom

Used Telehandler Burbank - Telehandlers are commonly known by a variety of names such as Cherry pickers, telescopic handlers, boom lifts and teleports. 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. The operator can utilize a variety of attachments at the end of the articulating boom to complete different jobs. Common attachments include pallet forks, a winch, a bucket or a muck grab. The pallet forks are the most popular telehandler attachment. They allow the operator to transport loads to and from locations that are considered unreachable with a regular forklift. These machines enable cargo pallets to be unloaded and loaded from a trailer and placed on rooftops, racking or other high and hard to access locations. Normally, high rooftop applications would require the use of a crane; however, telehandlers can complete this task more efficiently. It isn't always practical or affordable to rely on a crane or secondary machinery to complete the job. A bucket grab or a bucket is the most common attachments for telehandlers within the agricultural sector. Relocating items from hard to reach areas that cannot rely on a wheeled loader or a backhoe loader give telehandlers a significant advantage. Telehandlers can directly access trailer units with high sides, hoppers or applications that would typically need a conveyor or loading ramp. Having one item to complete a variety of jobs saves time, money and storage space. Telehandler units often work together with a crane jib. Numerous attachments can be utilized including power booms, grain buckets, dirt buckets and rotators. Agricultural models can be outfitted with power take-off and 3-point linkage, making the telehandler and exceptionally useful. Conversely, the main advantage of this machine doubles as 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. If the machine works as a single boom loader instead of using twin arms while carrying a large load, there is a chance that weakness can occur even in the most carefully designed units. 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. Monitoring the angle, weight and boom height, there are load charts on this equipment to outline which tasks can be safely conducted. Newer telehandler models rely on computers and sensors to monitor the machine. When the telehandler limits have been surpassed, the operator is cut off and warned from supplying further control input. There are front stabilizers that can drastically enhance the machine's lifting capacity while it is stationary. A mobile crane can also use a bucket is another option consisting of a stabilized rotary joint found between upper and lower frames. There are compact telehandler models that differ in boom design, size, reach and weight. Telehandlers that weigh 11,000 pounds or less fall into the compact category. Compact units have a two-stage boom compared to larger machines that feature three or four boom designs. The compact model showcases a low pivot boom to allow better cab visibility for the operator while transporting loads. Obviously, the compact telehandler has narrower and tinier dimensions. 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. This machine can be utilized for carrying tools or as a pick and place unit. This machine is often used in locations that are cramped and tight. Residential applications are common as contractors relish their useful nature with framing applications and where height restrictions come into play. 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. Farming and agri-business applications often rely on telehandlers to accomplish many tasks. Telehandlers

can be found with two and four-wheel drive and crab steering capabilities. The unit can travel over longer ranges at higher speeds with two-wheel drive, making it ideal for moving throughout job sites. The four-wheel drive models offer the ability to traverse more difficult terrain and provide 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. There is a rollover protective cage to enhance safety on less expensive models. Higher-end models are equipped with a fully enclosed cab, a heater, windshield wiper and defroster. Operators enjoy spacious accommodation for ultimate comfort. Extra amenities including air conditioning, satellite radio, suspension seats, tilt steering and cup holders are available. Many high-pressure hydraulics and high-flow auxiliary hydraulics operate the numerous attachments. These attachments increase the functions the machine is capable of. Ground engaging work is often completed by compact units. It is easy to enjoy the benefits of a mini excavator by adding a simple bucket attachment to the telehandler. Light and heavy-duty buckets can be used to move items, augers can plant trees or drill holes, rotating and side-shifting fork carriages facilitate pick-and-place, truss booms are in place for extending reach, sweeping brooms and crane hooks are other popular attachments. Skid steer options are made for compact telehandler designs and ultimate versatility.