

Telehandler / Zoom Boom

Used Telehandler Northwest Territories - Telehandlers go by many different names including a boom lift, telescopic handler, Cherry picker or teleporter. This industrial machine is commonly used in a variety of industries and in agriculture. This machine functions similarly to a crane and a forklift with the ability to extend upward and forward. Many different attachments can be used at the end of the articulating boom to facilitate a wide number of jobs. Common attachments include pallet forks, a winch, a bucket or a muck grab. The most common telehandler attachment is the pallet forks. Pallet forks enable the operator to move loads to and from a variety of locations that would otherwise be considered unreachable with a standard 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. It can be expensive and impractical to rely on a crane or expansive industrial equipment to finish particular 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 can directly access trailer units with high sides, hoppers or applications that would typically need a conveyor or loading ramp. Relying on one piece of equipment to complete a variety of jobs saves time, money and storage. Telehandlers commonly work alongside 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. However, the main advantage of the telehandler is additionally its' largest limitation. When raising or extending with heavy loads, the boom functions similar to a lever. 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. Updated telehandler models have computers and sensors. The operator is warned and even cut off further control input once the limits of the telehandler are surpassed. Front stabilizers that enhance the lifting capacity of the machine while stationary can make a huge difference. Another option is a stabilizing rotary joint between lower and upper frames, often referred to as a mobile crane that can additionally utilize a bucket. There are compact telehandler models that differ in boom design, size, reach and weight. Telehandlers fall into the compact category if the unit weighs in at 11,000 lbs. or less. 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. 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. The versatility of the compact telehandler makes it popular in a variety of applications. This machine can be utilized for carrying tools or as a pick and place unit. It is commonly utilized in spaces that are tight and cramped. 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 commonly used in nurseries, landscaping, multi-story construction, building strip malls and garages, masonry, erecting steel and more. 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 is responsible for the increased maneuverability, allowing the front and rear wheels to shift forty-five degrees to the right or left. Compact telehandlers have varying cab environments. On the lower-end models, a rollover protective cage structure is in place for safety. Higher-end models are equipped with a fully enclosed cab, a heater, windshield wiper and defroster. All compact telehandler cabs are spacious to accommodate the operator as comfortable as possible. 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. 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.