

Telehandler / Zoom Boom

Used Telehandler Newfoundland - 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. Similar to a crane and a forklift as it has a boom allowing it to extend forwards and upwards. 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 pallet forks are the most popular telehandler attachment. 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. Normally, high rooftop applications would require the use of a crane; however, telehandlers can complete this task 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. Moving items from unreachable locations that cannot be completed with a backhoe loader or wheeled loader give telehandlers a huge advantage. For instance, these industrial machines can directly access a hopper or trailer with high sides; applications that would otherwise rely on a conveyor, loading ramp or similar equipment. 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. Numerous attachments can be utilized including power booms, grain buckets, dirt buckets and rotators. The agricultural models can use three-point linkage and power take-off to make telehandlers multi-tasking. However, the main advantage of the telehandler is additionally its' largest limitation. The boom raises or extends with heavy loads, acting as 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. This unit with a 5000 lb. lift capability and retracted boom could support as much as ten thousand pounds after the boom is raised seventy degrees. There is a load chart on these machines to determine which tasks can be safely executed by taking the weight, angle and boom height 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. 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. 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. There are narrower and smaller dimensions offered with the compact telehandler. Compact telehandlers have a reach capacity ranging between 13 to 20 feet with a lift capacity ranging from 5k to 7k 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. 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. These machines can facilitate internal building access. Compact units are popular in multi-story construction, nurseries, strip malls, landscaping, masonry, garage facilities and erecting steel among other applications. Farming and agri-business applications often rely on telehandlers to accomplish many tasks. Telehandlers are made with two or four-wheel drive as well as crab steering. 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 varying cab environments. There is a rollover protective cage to enhance safety on less expensive models. Newer units come with windshield wipers, a defroster, a heater and a totally enclosed cab. All compact telehandler cabs are spacious to accommodate the operator as comfortable as possible. Additional features such as cup holders, air conditioning, tilt steering, suspension seats and satellite radio are all options. The numerous attachment options are facilitated with high-pressure and high-flow auxiliary hydraulics. 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 units are more commonly utilized for 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.