Telehandler / Zoom Boom

Used Telehandler Nova Scotia - 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. Popular attachments include a muck grab, bucket, winch or pallet forks. 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. 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. 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. Relocating items from hard to reach areas that cannot rely on a wheeled loader or a backhoe loader give telehandlers a significant 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. Having one item to complete a variety of jobs saves time, money and storage space. Telehandler machines can work in conjunction with a crane jib. Many attachments can be used such as power booms, grain and dirt buckets and rotators. Agricultural models can be outfitted with power take-off and 3-point linkage, making the telehandler and exceptionally useful. Interestingly enough, the machines' main advantage is also its' biggest 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. For instance, a telehandler with a five thousand pound capacity may be capable of safely lifting as little as four hundred pounds fully extended with a low boom angle with a retracted boom. 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. When the telehandler limits have been surpassed, the operator is cut off and warned from supplying further control input. Front stabilizers that enhance the lifting capacity of the machine while stationary can make a huge difference. A stabilizing rotary joint between the upper and lower frames may be called a mobile crane that can use a bucket. There are many models of telehandlers differing in size, weight, boom designs and reach. 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. A low pivot boom ensures better operator visibility for transporting loads on compact units. Obviously, the compact telehandler has narrower and tinier dimensions. Compact telehandlers have a reach capacity ranging between 13 to 20 feet with a lift capacity ranging from 5k to 7k 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. These machines can facilitate internal building access. Compact telehandlers are commonly used in nurseries, landscaping, multi-story construction, building strip malls and garages, masonry, erecting steel and more. Telehandlers are employed by agri-business and farming applications to complete many jobs.

Telehandlers are made with two or four-wheel drive as well as crab steering. This machine can traverse longer distances with two-wheel drive at higher speeds to facilitate easy travel between worksites. The 4-WD units are capable of having a tighter turning radius and can travel difficult terrain. Crab steering is responsible for the increased maneuverability, allowing the front and rear wheels to shift forty-five degrees to the right or left. There are a variety of cab interior options available for compact telehandlers. 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. All compact telehandler cabs are spacious to accommodate the operator as comfortable as possible. Additional options including satellite radio, air conditioning, armrests, cup holders, suspension seats and tilt steering are available. 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 simple to transform a compact telehandler into a mini excavator with a bucket attachment. Light-duty to heavy-duty buckets can be attached for transferring material, side-shifting and rotating fork carriages are relied on for pick and place situations, augers for drilling post holes or planting trees or pier supports, truss booms for extending reach, crane hooks, brooms for sweeping and more. Skid steer attachments are being manufactured for certain compact telehandler designs for even more versatility.