Telehandler / Zoom Boom

Used Telehandler Surprise - Telehandlers are commonly known by a variety of names such as Cherry pickers, telescopic handlers, boom lifts and teleporters. This industrial equipment is commonly used in a variety of industries including agriculture. This machine functions similarly to a crane and a forklift with the ability to extend upward and forward. Numerous attachments can be placed at the end of the articulating boom to conduct a variety of different jobs. Different attachments such as a bucket, pallet forks, a muck grab or a winch can help the machine complete many jobs. The most common telehandler attachment is the pallet forks. These attachments help the operator transport different sized loads to many locations that would be considered unreachable with a traditional forklift. Telehandlers allow cargo pallets to be transported from trailers and placed on racking, rooftops or other difficult to reach locations. Typically, high locations would traditionally require a crane; however, telehandlers can facilitate these tasks easily and efficiently. It can be expensive and impractical to rely on a crane or expansive industrial equipment to finish particular tasks. Within agriculture, the bucket or bucket grab is among the most popular attachments. 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. Using one machine to finish numerous jobs saves storage space, money and time. Telehandler machines can work in conjunction 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. Conversely, the main advantage of this machine doubles as 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. The same piece of equipment with a five thousand pound lift capacity and retracted boom may be capable as supporting up to ten thousand pounds once the boom is raised to 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. 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. Front stabilizers that enhance the lifting capacity of the machine while stationary can make a huge difference. 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. If the machine weighs in at eleven thousand pounds or less, it can be part of the compact category. Compact models feature a two- stage boom design in comparison to the three or four boom design that is common with larger units. A low pivot boom ensures better operator visibility for transporting loads on compact units. 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. 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. This machine is often used in locations that are cramped and tight. Residential services are often employed during framing and for jobs with height restrictions. Telehandlers can enter internal building access in hard-to-reach locations. 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. This machine can traverse longer distances with two-wheel drive at higher speeds to facilitate easy travel between worksites. 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. There are a variety of cab interior options available for compact telehandlers. There is a rollover protective cage to enhance safety on less expensive models. Higher models come with a heater, a completely enclosed cab, defroster and windshield wiper. Compact units feature spacious cab accommodations to keep operators totally comfortable. 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. Adding a bucket attachment can make a compact telehandler transform into a mini excavator. 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 options are made for compact telehandler designs and ultimate versatility.