Telehandler / Zoom Boom

Used Telehandler Chula Vista - Telehandlers are commonly known by a variety of names such as Cherry pickers, telescopic handlers, boom lifts and teleporters. This industrial machine is commonly used in a variety of industries and in 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 main telehandler attachment is the pallet forks. They allow the operator to transport loads to and from locations that are considered unreachable with a regular forklift. Telehandlers allow cargo pallets to be loaded and unloaded from a trailer and placed on high locations such as racking or rooftops. Typically, high locations would traditionally require a crane; however, telehandlers can facilitate these tasks easily and efficiently. Of course, it isn't always affordable or practical to use secondary equipment or a crane to complete certain 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. Three-point linkage and power take-off can be used with agricultural models to make this machine particularly capable. Interestingly enough, the machines' main advantage is also its' biggest 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 machine with a 5K lb. capacity could safely lift 400 lbs. while fully extended using a retracted 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. 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. 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 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. Compact units have a two-stage boom compared to larger machines that feature three or four boom designs. A low pivot boom ensures better operator visibility for transporting loads on compact units. Compact models are skinnier and have thinner 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. These versatile machines make the compact telehandler extremely popular. Telehandlers can function as a pick and place unit or a tool carrier. This machine is often used in locations that are cramped and tight. It is common for contractors to use this machine during framing and for residential jobs where there are height restrictions. These units can be useful for accessing internal building 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 come with crab steering or two or four-wheel drive options. 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 enhances the units' maneuverability while allowing each set of wheels to move forty-five degrees to the right or left. Compact telehandlers have varying cab environments. 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. 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. 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. 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.