Telehandler / Zoom Boom

Used Telehandler Chandler - 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. It is similar to a forklift and a crane as it has a boom, enabling it to extend upwards and forwards from the vehicle. Numerous attachments can be placed at the end of the articulating boom to conduct a variety of different jobs. Popular attachments include a muck grab, bucket, winch or pallet forks. The pallet forks are the most popular telehandler attachment. 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. Normally, high rooftop applications would require the use of a crane; however, telehandlers can complete this task more efficiently. Of course, it isn't always affordable or practical to use secondary equipment or a crane to complete certain tasks. A bucket or bucket grab is the most popular telehandler attachment in the agricultural industry. Moving items from unreachable locations that cannot be completed with a backhoe loader or wheeled loader give telehandlers a huge advantage. 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. Various attachments may be used including rotators, dirt buckets, grain buckets and power booms. 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 acts as a lever when it extends or raises with heavy loads. 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. 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. There are sensors and computers available on newer models. 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. Compact telehandler models are available in a variety of different weights, reach, sizes and boom designs. Telehandlers that weigh 11,000 pounds or less fall into the compact category. 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. Compact telehandlers have a reach capacity ranging between 13 to 20 feet with a lift capacity ranging from 5k to 7k 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. 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 telehandlers are commonly used in nurseries, landscaping, multi-story construction, building strip malls and garages, masonry, erecting steel and more. 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. The unit

can travel over longer ranges at higher speeds with two-wheel drive, making it ideal for moving throughout job sites. The 4-WD units are capable of having a tighter turning radius and can travel difficult terrain. Crab steering enhances the units' maneuverability while allowing each set of wheels to move forty-five degrees to the right or left. There are a variety of cab interior options available for compact telehandlers. On the lower-end models, a rollover protective cage structure is in place for safety. 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. Different high-flow auxiliary hydraulics and high-pressure hydraulics run the variety of 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 made for versatility and other compact telehandler designs.