

Telehandler / Zoom Boom

Used Telehandler Simi Valley - 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. 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 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. 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. 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. Within agriculture, the bucket or bucket grab is among the most popular attachments. Relocating items from hard to reach areas that cannot rely on a wheeled loader or a backhoe loader give telehandlers a significant advantage. 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. 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. 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. If the machine works as a single boom loader instead of using twin arms while carrying a large load, there is a chance that weakness can occur even in the most carefully designed units. A machine with a 5K lb. capacity could safely lift 400 lbs. while fully extended using a retracted low boom angle. 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. 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. 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. 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. 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. The reach capacity for compact units is between thirteen to twenty feet and these units offer a lift capacity from five to seven thousand pounds. There are many different applications this machine is suitable for working in. Telehandlers can function as a pick and place unit or a tool carrier. Compact units are ideal for cramped locations. 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 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 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 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. Higher-end models are equipped with a fully enclosed cab, a heater, windshield wiper and defroster. Compact units feature spacious cab accommodations to keep operators totally comfortable. Extra amenities including air conditioning, satellite radio, suspension seats, tilt steering and cup holders 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 machines conduct ground-engaging jobs. Adding a bucket attachment can make a compact telehandler transform into a mini excavator. 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.