

Telehandler / Zoom Boom

Used Telehandler Salinas - 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. Similar to a crane and a forklift as it has a boom allowing it to extend forwards and upwards. Many different attachments can be used at the end of the articulating boom to facilitate a wide number of jobs. Common attachments include pallet forks, a winch, a bucket or a muck grab. The pallet forks are the most popular telehandler attachment. 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. 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. It isn't always practical or affordable to rely on a crane or secondary machinery to complete the job. Within agriculture, the bucket or bucket grab is among the most popular attachments. Moving items from unreachable locations that cannot be completed with a backhoe loader or wheeled loader give telehandlers a huge 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. Using one machine to finish numerous jobs saves storage space, money and time. Telehandlers commonly work alongside a crane jib. Many attachments can be used such as power booms, grain and 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. The boom acts as a lever when it extends or raises with heavy loads. Despite significant counterweights in the rear, the telehandler can be subject to instability at times, decreasing the lifting capacity as the working radius or distance between the center of the load and the front of the wheels 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. The operator is warned and even cut off further control input once the limits of the telehandler are surpassed. There are front stabilizers that can drastically enhance the machine's lifting capacity while it is stationary. 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. 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. 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. The versatility of the compact telehandler makes it popular in a variety of applications. Telehandlers can function as a pick and place unit or a tool carrier. Compact units are ideal for cramped locations. Residential applications are common as contractors relish their useful nature with framing applications and where height restrictions come into play. 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. Agri-business and farming applications rely on telehandlers for a variety of jobs. Telehandlers can be found with two and four-wheel

drive and crab steering capabilities. The unit can travel over longer ranges at higher speeds with two-wheel drive, making it ideal for moving throughout job sites. 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. Compact telehandlers have numerous cab environments to choose from. 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. 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. Different high-flow auxiliary hydraulics and high-pressure hydraulics run the variety of attachments. 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. Ground engaging work is often completed by compact units. It is easy to enjoy the benefits of a mini excavator by adding a simple bucket attachment to the telehandler. 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.