

## Boomlift / Manlift

Used Boom Lift Newfoundland - In terms of popular aerial machinery, the boom lift is one of the most recognizable. Also referred to as elevating work platforms, aerial devices, cherry pickers, mobile elevating work platforms and aerial work platforms, boom lifts are capable of completing jobs at higher elevations easily and efficiently. There are many places to find boom lifts at work including warehouses, contractors, various companies and in retail stores. Workers need to remain safe as they access locations at higher altitudes. There are numerous models of boom lifts available in the industry. A single operator can control a variety of boom lift models. This equipment became popular in the orchard industry to harvest fruit without having to climb a ladder and balance heavy baskets or pails. Ladders need to be secured on solid, even ground in order to be safely accessible, making them hard to rely on in a natural orchard setting. Boom lifts make it much easier to reach high tree tops for collecting fruit. Gaining Access Over Obstacles Boom lifts make working over top of obstacle much easier as many models have been engineered to travel up and over items. This equipment is used in numerous industries including installing telephone poles and lines, maintaining overhead cables and window cleaning applications due to their ability to reach items when it is not practical to situate the machine directly underneath the issue. With a variety of joints allowing the machine to bend over or under items, the articulated boom lift is helpful for numerous applications. The articulated boom sections can move independently to grant operators access to many locations. Articulated booms feature a tight turning radius, making them ideal for hallways and narrow storage corridors. There are dual-fuel models that can work inside and outside; diesel is best utilized outside while interior locations rely on electric models. Articulating Boom Lifts These boom lifts are popular for numerous construction and maintenance jobs. These machines are often seen servicing overhead wires and power lines. Certain models are outfitted with water cannons to be used in firefighting applications. Telescoping sections are available on certain models to extend reach to the maximum. There are articulating boom lifts complete with an additional jib that allows the platform to extend an extra 6 feet in any direction. These boom lifts go by the nickname of "spiders," since their legs can support the entire machine on steep or difficult terrain. Capable of fitting through doorways, interior articulating boom lifts are more compact and used commonly in storage, retail and warehousing applications. Interior models are typically electric boom lifts due to their lack of dangerous carbon monoxide exhaust and quieter features. Telescopic Boom Lifts Telescopic boom lifts do not bend the way articulating boom lifts do. Instead, they extend outwards and upwards with hydraulics that retract and extend. The operator who is situated in the platform has the controls to operate and extend the lift on their own. Certain larger and taller models feature a jib located close to the top similar to an articulating boom lift model. Some models of boom lifts can achieve a reach of more than 180 feet. These machines are built to be stable and reliable. Some are able to extend to their full height capacity in less than 60 seconds. Adjustable speed, along with varying weight range capacities from 500 to 1000 lbs. are available in dual-fuel and diesel options. Available in 4WD and the ability to fit through small spaces. Telescopic boom lifts are your best choice for combining reach and height. Jib The jib is the extension found at the end of the main boom and between the platform. Certain models offer an additional articulation point or hinge that allows the platform to travel horizontally and vertically. Jibs are an option on many telescoping and articulating boom lifts. Articulating models have a joint situated roughly halfway between the wheels and the platform to enable it to reach over an obstacle and then lower again if required. Genie Articulating Boom Lifts The Genie Z-boom model is a common kind of articulating boom lift that can be found on the market. This model features excellent mobility and is capable of accessing hard to reach areas. The machine can lift up, over and out with ease, making difficult locations easy to work with. The first articulating Genie Z-30/20 boom was launched in 1985. These machines became immediately popular with their up-and-over design that continues to make them sought after nowadays. Proper Safety Measures When operating any type of

industrial equipment, safety is first and foremost. All known safety hazards must be known to anyone working within the vicinity. Operating the equipment safely is vital for the operator and everyone in the vicinity. Before starting the boom lift, it is paramount that the proper safety gear and communication is in place. Be aware of any battery gases, engine fuels, combustible items, lit cigarettes or open flames near the machine and do not operate if any flammable or combustible items are present. It is important to have an accessible, securely mounted and visible fire extinguisher mounted within the operators' reach. It is important to maintain a clean work space around charging stations and work surfaces since clutter or tools could puncture tires or damage the machine or its components. Daily Maintenance Daily maintenance includes a visual inspection and consulting the maintenance manual to ensure the machine is up to date and will operate safely. These industrial machines rely on lifting and supportive mechanisms to stabilize the weight. Fasteners, straps and chains must be regularly checked to make sure they are safe working order. Single-use fasteners and components must not be reused as they may fail and become extremely dangerous. Environmental contamination can be prevented by properly discarding oils safely in an approved container. Adequate ventilation and lighting are essential in garages, workshops and along workbenches. To organize and specify, maintenance is categorized into a variety of subsections including Annual Maintenance, Quarterly Maintenance, Programmed and Commissioning Maintenance Intervals. Maintenance Inspection Report Main aspects of the boom lift are categorized and divided to facilitate the inspection process. Popular categories include Engine, Drive Chassis, Platform, Booms, Turntable, Controls and Function. Improper completion can result in unsafe operation, damage to components, poor performance and downtime. The maintenance inspection report extend the performance and service life of the machine and needs to be accurately maintained to ensure the machine is safe to run and that the machine is capable of performing properly. The term commissioning refers to a list of single maintenance procedures that need to be completed at 50- and 150-hour intervals to keep the machine optimally running. Quarterly and annual maintenance is required to be performed throughout the year. Programmed maintenance procedures are completed based on machine operating hours or during "pre-delivery" preparation. Set yourself up for success by consulting your maintenance manual before operating the equipment to ensure battery life, oil changes and fluid levels are ready to go.