

Boomlift / Manlift

Used Boom Lift Northwest Territories - The boom lift is one of the most popular kinds of aerial machinery. Commonly known as aerial work platforms, mobile elevating work platforms, cherry pickers, aerial devices and elevating work platforms, it was engineered to complete work at higher locations more efficient and easier. Many industries rely on boom lifts every day including retail locations, construction contractors, companies and warehouses. Keeping workers safe as they access conditions in a higher altitude is priceless. There are numerous models of boom lifts available in the industry. Most boom lifts can be successfully run with a single operator. Boom lifts are beloved in the agricultural and orchard industries, used to harvest fruit without requiring a separate ladder, they keep workers much safer since there is not climbing or bucket balancing involved. It can be difficult to secure a ladder on farmland or in orchard settings. Harvesting fruit is much safer and simpler with a boom lift compared to using a ladder. 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. Having the capacity to reach an object even when you are unable to maneuver the equipment directly underneath has a variety of applications including window cleaning, telephone pole and line installation and service, fixing overhead cables and numerous other industries. The articulated boom lift is an example that has numerous joints enabling it to bend over or under items. These sections can independently move to allow workers to gain access to a variety of places. This equipment is popular in narrow storage locations and hallways thanks to its' tight turning radius. 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. Some models are built for extended reach applications and outfitted with telescoping sections. Certain articulating boom lifts can extend an additional six feet in any direction thanks to the additional jib in their design. These boom lifts go by the nickname of "spiders," since their legs can support the entire machine on steep or difficult terrain. Smaller units called interior articulating boom lifts are capable of fitting through doorways, making them valuable in retail, warehousing and storage facilities. Electric models are preferred in interior situations due to the danger that carbon monoxide exhaust poses and how much quieter these models are. Telescopic Boom Lifts Designed otherwise, telescopic boom lift models bend differently from articulating boom lifts. These models extend upwards and outwards, relying on hydraulics that extend and retract. The operator who is situated in the platform has the controls to operate and extend the lift on their own. Some taller and larger models have a jib situated near the top that is similar to an articulating boom lift model. There are models on the market capable of reaching over 180 feet. In less than a minute, some models can reach their full extended height since these machines are so stable and reliable. There are diesel and dual-fuel options with adjustable speed and weight range options from five hundred to one thousand pounds. Available in 4WD and the ability to fit through small spaces. Telescopic booms are common in a variety of settings due to their ability to combine height and reach. Jib The jib is the extension found at the end of the main boom and between the platform. This design facilitates an extra hinge or articulation point to enable the platform to move up and down or horizontally. Articulating boom lifts and telescoping boom lifts may have jibs. 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. Designed to provide the most versatility in difficult to access spaces, this model has the capacity to lift up, over and out with superior positioning. 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 Safety is the utmost priority when operating

any kind of boom lift. All known safety hazards must be known to anyone working within the vicinity. Safe operation of the machine and personal safety must be paramount. Before starting the boom lift, it is paramount that the proper safety gear and communication is in place. Prior to operating, ensure there are no open flames, combustible or flammable items, lit cigarettes, battery gases or engine fuels present. For the ultimate safety, it is important to have a visible, safely mounted and accessible fire extinguisher within the operators reach. Maintaining a clear area around charging stations and work surfaces is important as tools or clutter could damage the boom lift or cause tire punctures etc. 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. It is very dangerous to reuse single use fasteners and other components as they might fail if used beyond their recommendations. It is vital to discard oils and solvents safely and efficiently to prevent contaminating the environment. Adequate ventilation and lighting are essential in garages, workshops and along workbenches. Typically the wide umbrella of maintenance is distinguished by subsections such as Commissioning and Programmed Maintenance Intervals, Annual Maintenance, and Quarterly Maintenance. Maintenance Inspection Report The boom lift components are divided and categorized to streamline the process of inspection. Common maintenance categories include Control and Function, Turntable, Booms, Platform, Drive Chassis and Engine. Improper completion can result in unsafe operation, damage to components, poor performance and downtime. A large part of keeping the boom lift secure and operational is the maintenance inspection report that ensures the operator is safe and monitors the machine's performance and service. A list of single maintenance procedures that need to be conducted at 50-hour and 150-hour intervals is known as commissioning. Quarterly and annual maintenance is required to be performed throughout the year. Maintenance procedures are based on the operating hours of the boom lift and programmed maintenance may be conducted during pre-delivery machine preparation. Consult your maintenance manual prior to operating to ensure all oil changes, battery life and fluid levels are primed for success.