Boomlift / Manlift

Used Boom Lift California - One of the commonest types of industrial equipment and aerial equipment is the boom lift. Boom lifts go by numerous names including cherry pickers, elevating work platforms, aerial platforms, aerial devices and mobile elevating work platforms; created to conduct jobs at higher elevations. There are many places to find boom lifts at work including warehouses, contractors, various companies and in retail stores. Keeping workers safe as they access conditions in a higher altitude is priceless. There is a wide variety of boom lift models to choose from. A single operator can control a variety of boom lift models. 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. Relying on a boom lift is an easier and safer way to reach tree tops. Gaining Access Over Obstacles Some boom lift models can move up and over obstacles, making them ideal for working over top of items safely and efficiently. 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. The articulated boom sections can move independently to grant operators access to many locations. This equipment is popular in narrow storage locations and hallways thanks to its' tight turning radius. The dual-fuel boom lifts provide service in both exterior and interior locations. Diesel models are used outside while electric boom lifts are implemented in interior locations. Articulating Boom Lifts Popular for maintenance jobs and construction, articulating boom lifts are a useful piece of material handling equipment. Articulated boom lifts are utilized commonly for working on overhead power lines and wires. Firefighters may use these machines and some articulated boom lifts have water cannons. 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. Since these machines commonly work on steep ground and rough terrain, they resemble "spiders" with their long legs, and often go by that nickname on the job site. 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 Designed otherwise, telescopic boom lift models bend differently from articulating boom lifts. These units use hydraulics to retract and extend outwards and upwards. The worker who is in the platform has the controls to extend the lift and is able to operate without a second worker. Certain larger and taller models feature a jib located close to the top similar to an articulating boom lift model. Boom lifts are available that reach higher than one-hundred and eighty feet. This equipment has been designed to be reliable and stable, with certain models capable of reaching their extended height in less than a minute. Adjustable speed, along with varying weight range capacities from 500 to 1000 lbs. are available in dual-fuel and diesel options. Boom lifts can fit through tiny spaces and there are 4WD options on the market. Telescopic booms are common in a variety of settings due to their ability to combine height and reach. Jib Certain boom lift models have a jib or an extension located between the platform and the end of the main boom. 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 A popular type of articulating boom lift manufactured on the market is the Genie Z-boom Model. This unit offers exceptional versatility for accessing difficult to reach locations with the capacity to lift up, over and out with precision. The first Genie Z-30/20 articulating Z-boom model was launched in 1985. Thanks to

their “up an over” abilities, they have gained the ultimate popularity that continues today. Proper Safety Measures When operating any type of industrial equipment, safety is first and foremost. Safety hazards must be advertised to everyone who is working in the area for best practices. Operating the equipment safely is vital for the operator and everyone in the vicinity. Before operating the machine, effective communication and essential safety gear need to be in place. Prior to operating, ensure there are no open flames, combustible or flammable items, lit cigarettes, battery gases or engine fuels present. It is important to have an accessible, securely mounted and visible fire extinguisher mounted 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. Straps, fasteners and chains need to be checked they are in good condition. Single use components and fasteners cannot be reused due to their risk of failure. It is vital to discard oils and solvents safely and efficiently to prevent contaminating the environment. Workbenches and workshop or garage areas need to have adequate lighting and ventilation. Maintenance is broad and typically categorized into subsections including Quarterly Maintenance, Annual Maintenance, Commissioning and Programmed Maintenance Intervals. Maintenance Inspection Report The boom lift components are divided and categorized to streamline the process of inspection. Popular categories include Engine, Drive Chassis, Platform, Booms, Turntable, Controls and Function. Not complying with routine maintenance can put the operator at a huge safety risk, lead to damaged components, terrible performance and preventable 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. There are a variety of programmed maintenance procedures based on preparing the machine for pre-delivery machine operating. Consult your maintenance manual prior to operating to ensure all oil changes, battery life and fluid levels are primed for success.