

Boom lift pre-use inspection checklist



Check	OK	Issue	N/A	Note
Power off — the walkaround				
Tires, wheels, and chassis cuts and chunking, foam-filled tires not split, every wheel nut there; no cracked welds or bent covers on the chassis.				
Turntable and its lock no cracks around the turntable, bearing bolts all there; the turntable lock works and is released for work.				
Boom sections and jib straight, no dents or cracked welds; jib and platform rotator move freely; cables and hoses in the boom aren't pinched.				
Pins, retainers, and wear pads every pin in place with its retainer; wear pads present; no fresh shavings at the pivots or the boom nose.				
Cylinders and hoses rods clean and unscored, fittings dry, no chafing where hoses flex. Look for leaks; never feel for them by hand.				
Guardrails, gate, and toe boards rails tight and unbent, toe boards intact; the gate swings shut and latches, or the chain clips across.				
Harness anchor points the marked anchors on the platform are undamaged, not bent or cracked, and not tied off for anything else.				
Platform controls and guard control box secure, guard around the joystick intact, labels readable, cable not chafed where it runs to the platform.				
Decals and manual box capacity decal and warnings legible; the operator's manual in its box on the machine, not in the site trailer.				
Fuel or battery charge enough fuel or charge for the shift; battery connections tight and clean; the charger cord unplugged and stowed.				
Power on — the function checks				
Ground controls, every function boom up, down, extend, swing, jib and platform rotate, each smooth and stopping when you let go.				
Emergency stop, both stations the ground and platform emergency stops each kill every function, and reset.				
Emergency lowering the emergency or auxiliary lowering works the way your manual describes, and the person on the ground knows how.				
Platform controls and enable nothing moves until the foot switch or enable is held; every function responds from the platform.				
Drive, steer, and brakes drives both ways, steers lock to lock, and the brakes hold when you release the control.				
Tilt alarm and overload sensing the tilt alarm sounds when your manual's test says it should; overload sensing responds, if fitted.				
Elevated drive speed with the boom raised out of stowed, drive speed drops to its slow range.				
Horn, travel alarm, and beacon all three working; on a busy site, the horn is how the platform talks to the ground.				

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Around the machine				
Overhead lines and obstructions power lines, beams, pipe racks, and ceilings within the boom's full reach and swing, not just above the platform.				
Ground under the machine slope, holes, soft ground, trench edges, and covers or plates that won't carry the wheel load.				
Wind gusts at working height, not at the ground; your manual sets the wind limit for the machine.				
People and machines below who works under the boom and where other machines travel; barricade the area if you have to.				
Add your operator's manual items				

Unit

Hour meter

Date

Operator

Signature