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ARTICULATED BOOM LIFT XGA46J1

Standard configuration

- Dual-entry platform with full-open gate
- Cold start components
- Engine air pre-filter assembly
- Engine condition monitoring and start protection device
- Axle oscillation
- Lowering and motion alarm
- Tilt alarm
- Emergency stop devices on platform and chassis
- Emergency power unit
- Axle oscillation pressure detection system
- 4-wheel braking system
- Proportional auto leveling system
- Drive enable
- Lockable engine hood
- Full-time positive traction drive
- Full-speed traveling motor
- Telematics front-end interface
- Anti-entrapment protection device
- Hydraulic oil cooler
- Hostile environment package
- Thumb rocker steering
- Proportional joystick control



Working height
54ft7in



Lift capacity
498lbs/706lbs



Diesel
power



Optional configuration

- Solid filled-type tires
- Engine
- Work platform
- Hydraulic generator
- Anti-entrapment protection device
- Platform power
- Air pipe connected to platform option
- Tool tray
- Working light assembly
- Fall arrest assembly
- Platform anti-squeeze auxiliary rail
- Platform with half-height mesh

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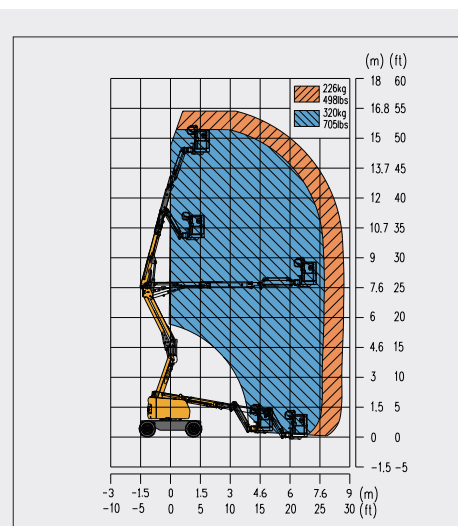
Articulated Boom Lift-Engine Powered

Item	Metric	Imperial
Dimension		
Overall dimension - stowed state	Length	6950mm
	Width	2440mm
	Height	2380mm
Overall dimension - transportation	Length	5700mm
	Width	2440mm
	Height	2800mm
Platform dimension	Length	2400mm
	Width	900mm
	Height	1150mm
Wheelbase		2360mm
Fly jib length		1420mm
Min. ground clearance		300mm

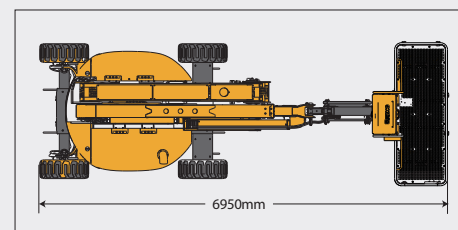
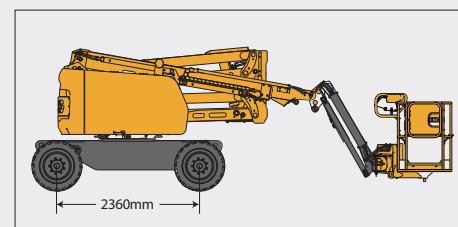
Performance		
Max. working height	16630 mm	54ft7in
Max. platform height	14630 mm	47ft12in
Max. working range	8820mm	28ft11in
Max. up and over clearance	7700mm	25ft3in
Max. lift capacity	226kg(unlimited) 320kg(limited)	498lbs(unlimited) 706lbs (limited)
Max. platform occupancy	2/3	
Max. chassis allowable angle	X-5°/Y-5°	
1st boom luffing range	0°~65°	
2nd boom luffing range	-11°~75°	
Fly boom luffing range	-60°~70°	
Turntable rotation	360°	
Platform rotation	160°	
Total weight	7950kg	17527lbs
Driving speed (stowed)	5.5km/h	3.42mph
Driving speed (raised or extended)	1 km/h	0.37mph
Min. turning radius (inside/outside)	3200mm/4700mm	10ft 6in/15ft 5in
Turntable tailswing (stowed)	0mm	0ft
Max. gradeability	45%	

Power source		
Control	12V DC proportional control	
Emergency power supply	12V/180Ah	
Engine model	Kubota V2403-CR-EW02	
Engine power/ rpm	36.8 kW(2700r/min)	49.3 hp/(2700 r/min)
Max. engine torque	1574N·m/(1600r/min)	116.1lb-ft/(1600r/min)
Engine emission standard	Tier 4	
Hydraulic tank capacity	80L	21.1gal
Fuel tank capacity	65 L	17.2gal

Tire		
Tire size	φ836mm×319mm	φ2ft8in×1ft0in
Tire ground pressure	6.09kg/cm ²	86.60PSI
Driving wheels	4	
Braking wheels	4	
Steering wheels	2	



Stowed



Trans

