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ARTICULATED BOOM LIFT

XGA80J

Standard configuration

- Tri-entry platform with side swing 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
- Platform auto leveling
- Proportional joystick control
- 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



Working height
87ft 3in



Lift capacity
331lbs/564lbs



Diesel
power

Optional configuration

- 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	11760mm
	Width	2490mm
	Height	2950mm
Overall dimension - transportation	Length	11100mm
	Width	2490mm
	Height	3000mm
Platform dimension	Length	2400mm
	Width	900mm
	Height	1150mm
Wheelbase	3000mm	9ft10in
Fly jib length	1850mm	6ft
Min. ground clearance	380mm	1ft 3in

Performance

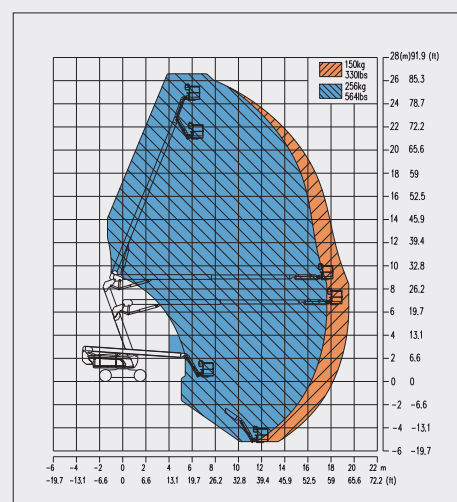
Max. working height	26.6m	87ft 3in
Max. platform height	24.6m	80ft 9in
Max. working range	19.5m	64ft
Max. up and over clearance	8.7m	28ft 7in
Max. lift capacity	150kg(unlimited) 256kg(limited)	331lbs(unlimited) 564lbs(limited)
Max. number of occupants	1/2	
Max. working slope	X-4° / Y-4°	
1st boom luffing range	-1°~ +70°	
2nd boom luffing range	-35°~ +68°	
Fly jib luffing range	-65°~ +70°	
Turntable rotation	360°	
Platform rotation	160°	
Total weight	16500kg	36376 lbs
Driving speed (stowed)	5km/h	3.1mph
Driving speed (raised or extended)	0.6km/h	0.37 mph
Min. turning radius (inside/outside)	2355mm/4625mm	7ft 8in/15ft 2in
Turntable tailswing (stowed/work)	2255mm/1330mm	7ft 5in/4ft 4in
Max. gradeability	45%	

Power source

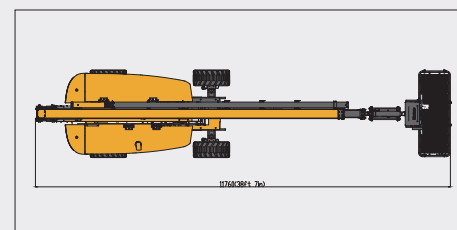
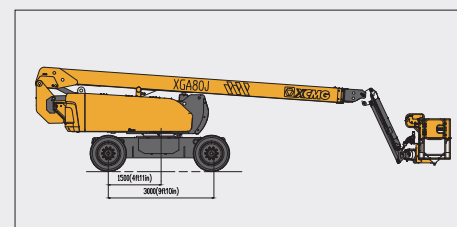
Control	12V DC proportional control	
Emergency power supply	12V/220Ah	
Engine model	Kubota V2607	
Engine power/rpm	47.3 kW/(2400r/min)	63.4 kW/(2400r/min)
Max. engine torque	221.7 N·m(1500r/min)	163.7 N·m(1500r/min)
Engine emission standard	Tier 4	
Hydraulic tank capacity	135 L	35.7gal
Fuel tank capacity	180 L	47.6gal

Tire

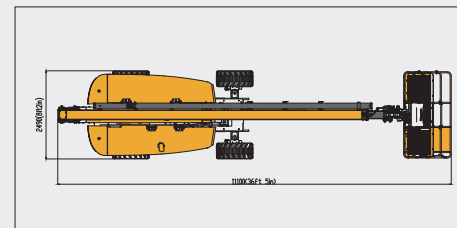
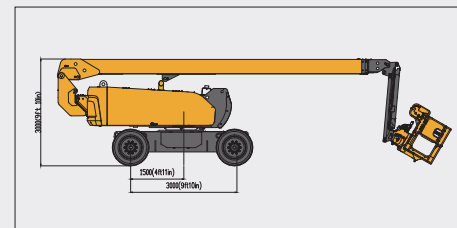
Tire size	φ1024 mm×450 mm	φ3ft 4in×1ft 5in
Tire ground pressure	8.58 kg/cm ²	122.05 PSI
Driving wheels	4	
Braking wheels	4	
Steering wheels	4	



Stowed



Trans



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