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TELESCOPIC BOOM LIFT

XGS125J1

Standard configuration

- Tri-entry platform with side swing gate
- 12V DC auxiliary power
- Cold start components
- Engine intake air pre-filter assembly
- Engine condition monitoring and start protection device
- 4-wheel steer
- X-swing axle
- Descent and motion alarm
- Tilt alarm
- Emergency stop devices on platform and chassis
- Load and working radius limit monitoring
- Emergency power unit
- 4-wheel braking system
- Platform auto leveling system
- Proportional joystick control
- Drive enable
- Lockable engine hood
- 360° turntable rotation
- 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
131ft 10in



Lift capacity
661lbs/1014lbs



Diesel
power



Optional configuration

- Hydraulic generator
- Anti-entrapment protection device
- Platform power
- Air line 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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Telescopic Boom Lift-Engine Powered

Item	Metric	Imperial
Dimension		
Overall dimension - stowed state	Length	14990mm 49ft 2in
	Width	2400mm/4169mm 7ft 10in/13ft 8in
	Height	2810mm 9ft 3in
Overall dimension - transportation	Length	11800mm 38ft9in
	Width	2300mm 7ft 6in
	Height	2810mm 9ft 3in
Platform dimension	Length	2400mm 7ft 10in
	Width	900mm 2ft 11in
	Height	1150mm 3ft 9in
Wheelbase	4498mm/4210mm	14ft 9in/13ft 10in
Fly jib length (fully retracted/fully extended)	2440mm	8ft
Min. ground clearance	340mm	1ft 1in

Performance

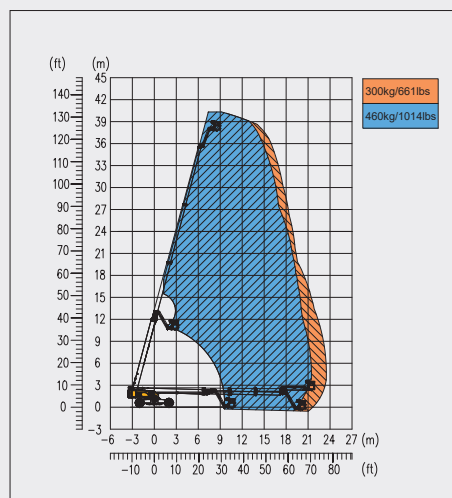
Max. working height	40.2m	131ft 10in
Max. platform height	38.2m	125ft 4in
Max. working range	23.5m	77ft 1in
Max. lift capacity	300kg (unlimited) 460kg(limited)	661 lbs(unlimited) 1014 lbs(limited)
Max. number of occupants	2/3	
Max. working slope	X-5° / Y-5°	
Telescopic boom luffing range	-1.5°~ +75°	
Fly jib luffing range	-60°~ +70°	
Turntable rotation	360°	
Platform rotation	160°	
Total weight	20800 kg	45856 lbs
Driving speed (stowed)	5km/h	3.1mph
Driving speed (raised or extended)	0.5km/h	0.31mph
Min. turning radius-axle retracted (inside/outside)	16167mm/18401mm(2) 7831mm/10068mm(4)	53ft /60ft 4in(2) 25ft 8in/33ft(4)
Min. turning radius-axle retracted (inside/outside)	5398mm/8931mm(2) 2447mm/6142mm(4)	17ft 8in /29ft 4in(2) 8ft /20ft 2in(4)
Turntable tailswing (axle retracted/axle extended)	2473mm/1538 mm	8ft 1in /5ft
Max. gradeability	40% (21°)	

Power source

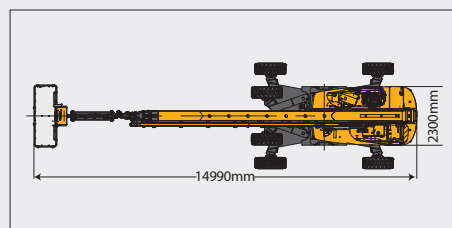
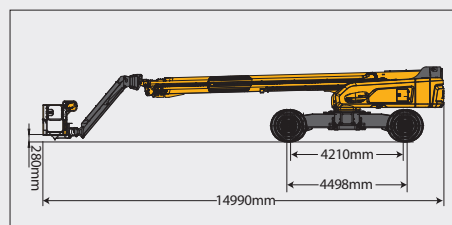
Control	12V DC proportional control	
Emergency power supply	12V/220Ah	
Engine model	Kubota V3307CCRT-EW10M	
Engine-power/rpm	52.6kw/(2200r/min)	70.5ph/(2200r/min)
Max. engine torque	285Nm/(1500 r/min)	210.2ft·lb/(1500 r/min)
Engine emission standard	Tier 4	
Hydraulic tank capacity	290 L	65.8gal
Fuel tank capacity	180 L	40.8gal

Tire

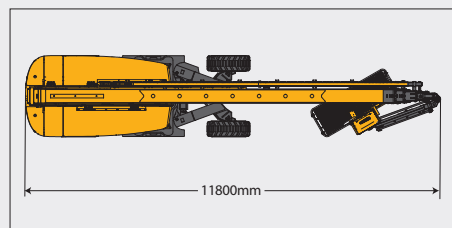
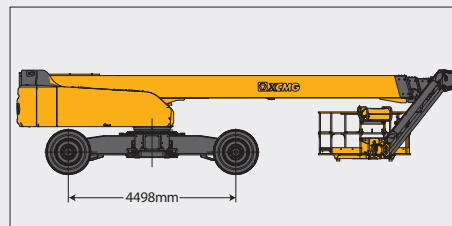
Tire size	φ1159mm×445mm	φ3ft11in×1ft5in
Tire ground pressure	11.05kg/cm ²	157.17 psi
Driving wheels	4	
Braking wheels	4	
Steering wheels	4	



Stowed



Trans



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