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TELESCOPIC BOOM LIFT

XGS158J

Standard configuration

- Tri-entry platform with side swing gate
- Engine condition monitoring and start protection device
- Axle oscillation
- Descent and motion alarm
- Tilt alarm
- Load and working radius limit monitoring
- Chassis tilt protection
- Jib centering and swing detection
- Limit position deceleration
- Joystick self locking
- Work platform tilt protection
- Wire rope anti-loosening detection system
- Emergency stop devices on platform and chassis
- Platform auto leveling system
- 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
- Wind speed monitoring protection device
- Tool tray



Working height
164ft



Lift capacity
661 lbs/1014 lbs



Diesel
power



Optional configuration

- Hydraulic generator
- Platform power
- Air line to platform (option)
- 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		
Dimension			
Overall dimension - stowed state	Length	17460 mm	57ft 3in
	Width	2490 mm	8ft 2in
	Height	5030 mm	16ft 6in
Overall dimension - transportation	Length	12550 mm	41ft2in
	Width	2490 mm	8ft2in
	Height	3000 mm	9ft10in
Platform dimension	Length	2400 mm	7ft 10in
	Width	900 mm	2ft 11in
	Height	1150 mm	3ft 9in
Wheelbase		5220mm/4590mm	17ft 2in/15ft 1in
Overall width (axle retracted/ axle extended)		2490mm/5030mm	8ft 2in/16ft 6in
Fly jib length (fully retracted/fully extended)		3970mm/5970mm	13ft/19ft7in
Min. ground clearance		400mm	1ft 4in

Performance

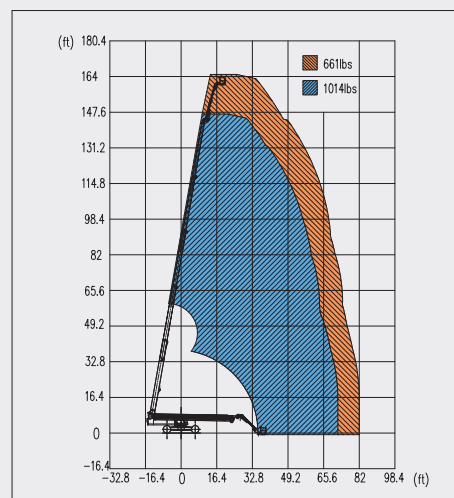
Max. working height	50 m	164ft
Max. platform height	48 m	157ft 5in
Max. working range	25 m	82ft
Max. lift capacity	300kg (unlimited) 460kg(limited)	661 lbs(unlimited) 1014 lbs(limited)
Max. number of occupants	2/3	
Max. working slope	X-3°/ Y-3°	
Telescopic boom luffing range	0~+80°	
Fly jib luffing range	-45°~+75°	
Turntable rotation	360°	
Platform rotation	160°	
Total weight	24400kg	53881 lbs
Driving speed (stowed)	4.5km/h	2.8mph
Driving speed (raised or extended)	0.3-0.5km/h	0.2~0.3mph
Min. turning radius-axle retracted (inside/outside)	7600mm/9500mm	24ft 11in/31ft 2in
Min. turning radius-axle extended (inside/outside)	2800mm/6600mm	9ft 2in/21ft 8in
Turntable tailswing (axle retracted/axle extended)	2.0m	6ft 7in
Max. gradeability	45% (24°)	

Power source

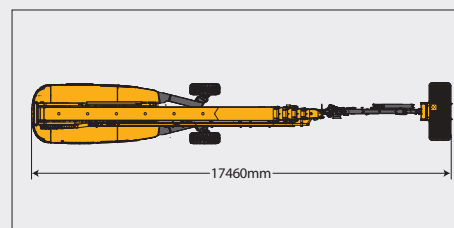
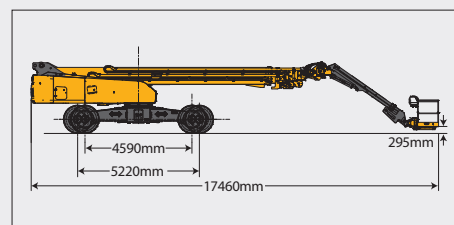
Control	12V DC proportional control	
Emergency power supply	12V/2×220Ah	
Engine model	Kubota V3307	
Engine-power/rpm	52.6kW/(2200r/min)	70.4ph/(2200r/min)
Max. engine torque	289N·m/(1500r/min)	213 lb·ft/(1500r/min)
Engine emission standard	Tier 4	
Hydraulic tank capacity	310L	81.9gal
Fuel tank capacity	200L	52.8gal

Tire

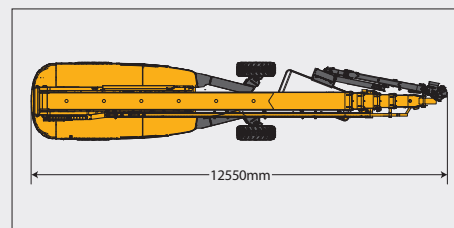
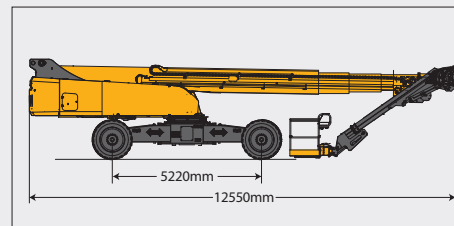
Tire size	φ1180 mm×445mm	φ3ft10in×1ft5in
Tire ground pressure	11.60kg/cm ²	164.95psi
Driving wheels	4	
Braking wheels	4	
Steering wheels	4	



Stowed



Trans



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