Machine Specification

Stowed Dimension	
Overall Length	10.16m
Overall Width	2.5m
Width (transport position)	2.28m
Overall Height	2.65m
Height (transport position)	2.46m
Rated Load	
Rated Load (unstrict/strict)	454kg
Max. occupants	3
Platform Size	
Platform Length	2.44m
Platform Width	0.9m
Operation Dimension	
Maximum Platform Height	20.51m
Maximum Working Height	22.51m
Maximum Horizontal Reach	16.68m
Maximum Working Radius	17.28m
Maximum boom up Angle	70°
Maximum boom down Angle	-3°
Minimum Turning Circle Inside/ Outside	1.65m/2.62m
Grade ability (Stowed)	30%
Maximum slope	X-5°, Y-5°
Turntable rotation	360° (continuously)
Platform rotation	180°
Jib lifting angle	135°
Tail Swing	1.19m
Wheel Base	2.4m

Gross Machine Weight	13200kg
Ground Clearance	0.28m
Battery	
Type	lithium battery
Capacity	420Ah
Nominal Voltage	80V
Tire and Wheels	
Type	Foam Filled Tire And Wheel
Model	315/55D-20
Outer Diameter	848mm
Width	319mm

Performance Specification

Driving Speed (Boom Stowed, high range) (km/h)	6
Driving Speed (Boom Raised or Extended) (km/h)	1.1
Boom Lift Up (s)	60～75
Boom Lift Down (s)	55～70
Swing Right & Left (Fully retracted) (s)	130～160
Telescope Extent Out (s)	48～55
Telescope Retract In (s)	48～55
Jib Up (s)	24～36
Jib Down (s)	22～34
Platform Rotate R & L (s)	10～15

Machine Orientation When Doing Speed Tests

Lift: Boom Retracted. Telescope Retracted. Lift Up, Record Time, Lift Down, Record Time. The result will be different when the boom is fully extended.

Swing: Boom at lifted position. Telescope Retracted. Swing the Turntable to the end stop, Record Time. Swing the Opposite Direction, Record Time. Telescope extended, repeat it above.

Telescope: Boom at Full Elevation; Telescope Retracted; Telescope Out, Record Time. Telescope In, and record Time.

Drive: Test to be done on a smooth level surface. Drive Select Switch should be set at high speed