

ARTICULATED BOOM LIFT

BT16CERT2

Electric Articulated Boom Lift

MANUFACTURER · DINGLI



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Exceed · New Height

BT16CERT2

Modular Boom Series

SPECIFICATIONS

Size	Metric	British
Max. Working Height	16.33m	53ft 7in
Max. Platform Height	14.33m	47ft
Max. Operating Range(+0.6m)	9.32m	30ft 7in
Max. Platform Range	8.72m	28ft 7in
Flatbed Transport Dimensions (L×W×H)	5.48m×2.44m×2.68m	17ft 12in×8ft ×8ft 9in
Standard Container Transport	All Applicable	All Applicable
Platform Size(Length×Width)	1.83m×0.79m	6ft×2ft 7in
Turntable Tailswing	1.18m	3ft 10in
Ground Clearance A	0.31m	1ft
Wheelbase B	2.40m	7ft 10in
Turning Radius(Inside/Outside)	3m/4.73m	9ft 10in/15ft 6in
Tyres	315/55D20	315/55D20

Performance

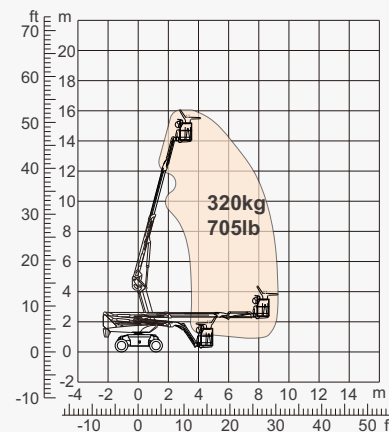
S.W.L	320kg	705lb
Max. Occupants	2	2
Gradeability	40%	40%
Travel Speed(Stowed)	6.0km/h	3.7mph
Travel Speed(Raised)	1.1km/h	0.7mph
Max. Working Slope	X-5°/Y-5°	X-5°/Y-5°
Turret Rotation	360°Continuous	360°Continuous
Platform Rotation	180°	180°
Jib Movement	132°	132°

Weight

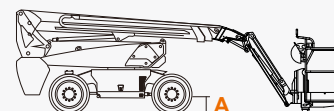
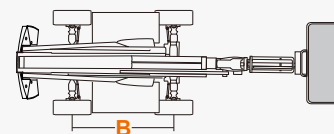
Overall Weight(Lead-acid Battery)	7150kg	15763lb
Overall Weight(Lithium Battery)	6700kg	14771lb

Power

Lead-acid Battery	48V/375Ah	48V/375Ah
Lithium Battery	48V/350Ah	48V/350Ah
Charger	48VDC/60A	48VDC/60A
Driving Motor	34VAC/9kW	34VAC/9kW
Pump Motor	34VAC/13kW	34VAC/13kW
Hydraulic Tank	145L	38gal



Range Of Motion



Exceed · New Height

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FEATURES

Standard Items

- 1.50m (4ft 11in) Jib
- Front Oscillating Axle
- Two-Wheel Steering
- Four-Wheel Drive
- Self-Leveling Platform
- 180° Left And Right Swing Platform
- Proportional Joystick Controls
- Thumb Rocker Steer
- Drive Enable
- Ac Power Cord To Platform
- Tilt Alarm
- Descent Alarm
- Flash
- Horn
- Hour Meter
- Integral Integrated Special Drive Axle
- For Construction Machinery
- 360° Continuous Turntable Rotation
- Positive Traction Four Wheel Drive
- Platform Load Sense System
- Fault Diagnosis System
- Operator Anti-crushing Protection System
- Harsh Environment Kits
- 12V DC Auxiliary Power
- Battery 375Ah/48V
- Driving Motor 9kW 4834rpm
- Lifting Motor 13kW 1855rpm



Telescopic
Boom-BT



Working
Height-16m



Jib



Electric-E



Rough
Terrain-RT



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2025-03



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