

ARTICULATED BOOM LIFT

# BT41ERT

Electric Articulated Boom Lift

MANUFACTURER · DINGLI

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Exceed · New Height

## BT41ERT

Modular Boom Series

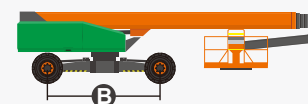
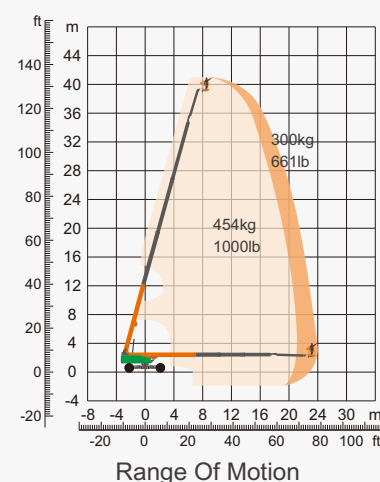
### SPECIFICATIONS

| Dimension                              | Metric             | British              |
|----------------------------------------|--------------------|----------------------|
| Max. Working Height                    | 41.54m             | 136ft 3in            |
| Max. Platform Height                   | 39.54m             | 129ft 9in            |
| Max. Operating Range                   | 24.10m             | 79ft 1in             |
| Max. Platform Range                    | 23.50m             | 77ft 1in             |
| Flatbed Transport Dimensions (L×W×H)   | 11.17m×2.44m×2.83m | 36ft 8in×8ft×9ft 3in |
| Standard Container Transport           | All Applicable     | All Applicable       |
| Overall Width(Axle Expanded)           | 4.17m              | 13ft 8in             |
| Overall Width(Axle Retracted) <b>A</b> | 2.44m              | 8ft                  |
| Platform Size(Length×Width)            | 2.44m×0.91m        | 8ft×3ft              |
| Turntable Tailswing(Axle Expanded)     | 1.39m              | 4ft 7in              |
| Turntable Tailswing(Axle Retracted)    | 2.28m              | 7ft 6in              |
| Ground Clearance                       | 0.40m              | 1ft 4in              |
| Wheelbase(Axle Expanded)               | 4.07m              | 13ft 4in             |
| Wheelbase(Axle Retracted) <b>B</b>     | 4.27m              | 14ft                 |

| Performance                    |                |                   |
|--------------------------------|----------------|-------------------|
| S.W.L(Unrestricted/Restricted) | 300kg/454kg    | 661lb/1000lb      |
| Max. Occupants                 | 3              | 3                 |
| Gradeability                   | 45%            | 45%               |
| Travel Speed(Stowed)           | 6.0km/h        | 3.73mph           |
| Travel Speed(Raised)           | 1.1km/h        | 0.68mph           |
| Max. Working Slope             | 5°             | 5°                |
| Turret Rotation                | 360°Continuous | 360°Continuous    |
| Platform Rotation              | 180°           | 180°              |
| Jib Movement                   | 230°           | 230°              |
| Main Boom Maximum Angle        | 75°            | 75°               |
| Turning Radius(Axle Expanded)  | 2.99m/5.41m    | 10ft/17ft 9in     |
| Turning Radius(Axle Retracted) | 8.27m/10.85m   | 27ft 2in/35ft 7in |
| Tyres                          | 445/50-D710    | 445/50-D710       |

| Weight         |         |         |
|----------------|---------|---------|
| Overall Weight | 21500kg | 47399lb |

| Power                  |              |              |
|------------------------|--------------|--------------|
| Lithium Battery        | 228Ah/358.4V | 228Ah/358.4V |
| Charger                | 358.4V/32A   | 358.4V/32A   |
| Emergency Power System | 12V          | 12V          |
| Hydraulic Tank         | 230L         | 61ga         |



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## FEATURES

### Standard Items

- Load Sense System
- 12 V DC Auxiliary Power
- Hydraulic Oil Radiator
- Harsh Environment Kits
- Fault Diagnosis System
- Turntable Protection Lock
- High Stiffness Boom System
- Fully-Opened Chassis Cover
- AC Power Cord To Platform
- Descent & Movement Alarms
- 180° Left & Right Swing Platform
- Platform Rotation Angle Monitoring
- Platform Bottoming Out Protection
- Proportional Joystick Controls
- Loose & Broken Chain Monitoring
- Fast & Slow Speed Monitoring
- Working Condition Monitoring
- Self-Levelling Platform
- Rexroth Hydrostatic Drive System
- Automatic Steering Angle Matching
- Drive Forced Shunt & Merge Function
- Negative Pressure Brake With Detection
- Real-Time Machine Status Display System
- Cat.3 Safety Architecture - ISO 13849-1
- Operator Anti-Extrusion Protection System
- 4.2m Amplitude Flexible Jib With Angle Detection
- 360° Turntable Continuous Rotation With Inspection
- Expandable Chassis With Proprietary Patented Design
- Horn
- Tilt Alarm
- Hour Meter
- Drive Enable
- Flashing Beacon
- Four-Wheel Drive
- Four-Wheel Steering
- In-Situ Axle Expansion



Telescopic  
Boom-BT



Working  
Height-41m



Jib



Electric-E



Rough  
Terrain-RT



Brand New One-Key In-Situ Axle Expansion Technology  
Global Patent Protection



Standard Container Transport

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