



# DINGLI

*Exceed · New Height*



Aerial work platform operation



Rust removal operation



Spray painting operation



**BM32M**

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**BM32M**

**Aerial work platform operation**

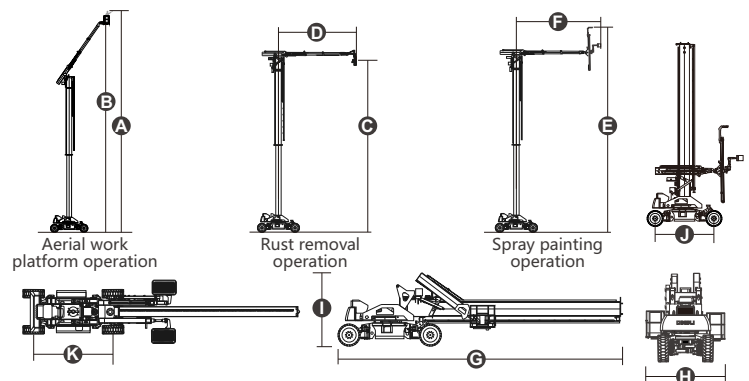
Max. working height <b>A</b>	32.40m - 106ft 4in
Max. platform height <b>B</b>	30.40m - 99ft 9in
Max. working scope	10.15m - 33ft 4in
Platform dimensions(L×W)	1.24×0.74m - 4ft 1in×2ft 5in
Working state overall dimensions(L×W×H)	
- Retracted	6.29×4.00×13.40m 20ft 8in×13ft 1in×44ft
- Extended	12.90×4.00×24.16m 42ft 4in×13ft 1in×79ft 3in
Max. load capacity	
Max. occupants	1
Time required for amplitude of the horizontal boom (1person+equipment)	454kg1001lb
- Fully extended(Up/Down)	64s/52s
- Fully retracted(Up/Down)	45s/43s
Horizontal boom full movement time (Extension/Retraction)	60s/52s
Time required for mast(Lift/Descend)	90s/90s
Time required for spray painting rack(Lift/Descend)	70s/70s

**Rust removal operation**

Max. working height <b>C</b>	22.20m - 72ft 10in
Max. working scope <b>D</b>	10.10m - 33ft 2in
Working state overall dimensions(L×W×H)	
- Retracted	6.23×4.00×13.40m 20ft 5in×13ft 1in×44ft
- Extended	12.83×4.00×23.58m 42ft 1in×13ft 1in×77ft 4in
Rust removal motor displacement	10cc
Rust removal motor speed	1400~1600rpm
Time required for mast(Lift/Descend)	90s/90s
Time required for spray painting rack(Lift/Descend)	70s/70s

**Spray painting operation**

Max. working height <b>E</b>	27.00m - 88ft 7in
Max. working scope <b>F</b>	10.87m - 35ft 8in
Working state overall dimensions(L×W×H)	
- Retracted	6.98×4.00×13.40m 22ft 11in×13ft 1in×44ft
- Extended	13.59×4.00×26.40m 44ft 7in×13ft 1in×86ft 7in
Applicable worksite	Ship side spraying operation
Spray mode	Semi-automatic
Visual positioning	Point laser positioning guide to ensure that the spray gun is always perpendicular to the surface to be sprayed, and maintain a certain distance
Control method	Industrial remote control operation
Spray area(Single Application)	3800×1260mm12ft 6in×4ft 2in
Working height	1~27m - 3ft 3in~88ft 7in
Spray painting robot running speed	0.1~1m/s - 4in~3ft 3in/s
Spray painting robot(L×W×H)	1600×1500×5200mm 5ft 3in×4ft 11in×17ft 1in
Horizontal boom full movement time (Extension/Retraction)	60s/52s
Time required for mast(Lift/Descend)	90s/90s
Time required for spray painting rack(Lift/Descend)	70s/70s



**Standardized Parameters**

Platform rotation	-90~90°
Main boom amplitude angle	-30~55°
Turntable rotation	350°Discontinuity
Dock passing doorway(W×H)	6.00×4.50m 19ft 8in×14ft 9in
Transport size for flatbed truck(L <b>G</b> ×W <b>H</b> ×H <b>I</b> )	15.03×2.43×3.86m 49ft 4in×8ft×12ft 8in
Turntable tail swing(Axles extended/Retracted)	0.34m/1.13m 1ft 1in/3ft 8in
Min. dock passing slope	10%
Ground clearance	0.40m - 1ft 4in
Wheelbase(Axles extended <b>J</b> /Retracted <b>K</b> )	4.28m/4.35m 14ft/14ft 3in
Max. working slope	3°
Tire and Wheels	Foam filled tire and wheel 445/50D710
Min. turning radius(Inside/Outside)	
- Axles extended	2.99m/5.41m 9ft 10in/17ft 9in
- Axles retracted	8.27m/10.85m 27ft 2in/35ft 7in

Steering mode	4×4×4
Falling protector	
- Model	SAJ40-0.5
- Speed	0.35m/s - 1ft 2in/s
- Brakeload	40kN
Travel speed(Stowed/Raised)	6.0km/h / 1.1km/h 3.73mph / 0.68mph
Gradeability(Forward/Backward)	40% / 10%
Overall weight	23500kg - 51809lb
Diesel engine	Deutz TD2.9 L4/55.4kW
Generator	12kW/220V/50Hz
Air compressor	12L-600W
Emergency power system	12V
Hydraulic tank	250L - 66gal
Diesel tank	135L - 35gal