

16M E450AJ



Experience | Safety | Innovation

Performance

Platform Height E300AJP 8.97 m E/M400AJPn 12.19 m E/M450AJ 13.72 m Horizontal Outreach E300AJP 6.12 m E/M400AJPn 6.83 m E/M450AJ 7.24 m Up and Over Height . F300A JP 4.0 m E/M400AJPn 6.55 m E/M450AJ 7.7 m

 Swing
 355° Non-Continuous

 E300AJP
 355° Non-Continuous

 E/M400AJPn
 360° Non-Continuous

 E/M450AJ
 360° Non-Continuous

Platform Capacity 230 kg
Platform Rotator 180° Hydraulic

Weight
E300AJP 7,100 kg
E400AJPn 6,759 kg
M400AJPn 6,863 kg
E450AJ 6,670 kg
M450AJ 6,700 ka

 Overall Jib Length

 E300AJP
 1.22 m

 E/M400AJPn
 1.24 m

 E/M450AJ
 1.24 m

Jib Rotation Range
E300AJP 180°
E/M400AJPn 180°
E/M450AJ N/A

Jib Articulation Range E300AJP 144° (+84° / - 60°) E/M400AJPn 141° (+86° / -55°)

E/M450AJ 141° (+86° / -55°)

Drive Speed
E300AJP 7.2 km/h
E/M400AJPn 7.2 km/h

E/M450AJ 7.2 km/h Gradeability E300AJP 25%

E/M400AJPn 30% E/M450AJ 30% Turning Radius (Inside)

E300AJP 1.52 m E/M400AJPn 0.86 m E/M450AJ 0.61 m

Turning Radius (Outside)
E300AJP 3.19 m
E/M400AJPn 3.15 m

E/M450AJ

Standard Specifications

Power

Electrical System 48V DC

Batteries 8 x 6V, 370 amp-hr (305 amp-hr on E300AJP)
Drive Motors Dual Electric Traction—AC

'M' Models Generator Set

Diesel Engine Kubota 45 amp 4.99kW

Fuel Tank Capacity 15.2 L



Hydraulic System

E300AJP 11.4 L E/M400AJPn 19.0 L E/M450AJ 19.0 L

Motor / Pump Permanent Magnet Motor / Gear Pump

Tyres

E300AJP 25 x 7 x 12 Solid Non-Marking
E/M400AJPn Front 22 x 6 x 17.5 Solid Non-Marking
Back 25 x 7 x 12 Solid Non-Marking
E/M450AJ 240/ 55-17.5 Foam Filled Non-marking

Standard Features

- · Automatic Traction Control (ATC)
- · Side Entry Platform
- · Inward Self-Closing Self-Locking Swing Gate
- · 180 Degree Hydraulic Platform Rotator
- Tilt Alarm/Indicator Light
- · Flashing Amber Beacon
- · Hourmeter
- · Proportional Controls
- · Battery Condition Indicator
- · Lifting/Tie Down Lugs
- r · Horn
 - · Cylinder bellows
 - · Flashing Amber Beacon
 - · Motion Alarm

Accessories & Options

- · Mesh to Mid Rail
- · 1/2 in. Air Line to Platform
- · Skyguard
- · Squawker / White Noise Motion Alarm
- · Acrylic Console Shield
- · Platform Worklights
- · AC Outlet to Platform including ELCB

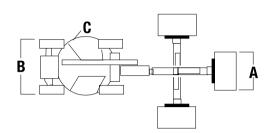


16M E450AJ **BOOM LIFT**



Dimensions

All dimensions are approximate.



D G

A.Platform Size	
E300AJP	
E/M400AJPn	
E/M450AJ	

0.76 x 1.22 m 0.76 x 1.22 m 0.76 x 1.52 m

C. Tailswing E300AJP E/M400AJPn E/M450AJ

7ero Zero Zero

E. Stowed Length E300AJP 5.74 m E/M400AJPn 6.71 m E/M450AJ 6.45 m **G. Ground Clearance** E300AJP E/M400AJPn E/M450AJ

10 cm

13 cm

20 cm

B. Overall Width

F300A JP 1.22 m E/M400AJPn 1.5 m 1.75 m E/M450AJ

D. Stowed Height F300AJP E/M400AJPn E/M450AJ

2.01 m 1.97 m 2.01 m F. Wheelbase F300AJP

1.65 m E/M400AJPn 2.01 m E/M450AJ 2.01 m

Reach Diagrams

