Model
TOUCAN 12E PLUS
MAST BOOM LIFTS

MORE ECONOMIC
• Electric power for zero emissions and near-silent running indoors.

MORE PRODUCTIVE
• No waiting with immediate-response AC drive motors for greater torque and efficiency.

MORE ACCESS
• Get into more places with compact dimensions and precise control system.

SMART DESIGN
• Extended reach and up-and-over height with heavy duty forklift-style mast and versatile articulating jib.

Standard Features
• 0.70 m x 1.05 m (L x W) steel platform
• Slide bar rear entry
• Full proportional drive and slew joystick control with integral thumb steer switch
• Mini joysticks provide proportional mast, telescope and jib lift/lower functions
• 4.14 m articulating jib
• Function enable with enlarged LCD function status display
• Load sensing system
• AC power cable to platform
• Large tool tray
• Two wheel direct electric drive
• Brushless AC drive motors
• Powered battery fill
• Auto power save when idle
• Low charge function cut-out
• On-board diagnostics with integral display
• Automatic rear wheel brakes
• Sculptured polyester hoods
• Powered platform rotation
• Heavy duty steel roller mast with 345º rotation
• Chain slack detection system
• 3 degree tilt alarm and indicator light
• 1.20 m wide frame
• Lifting/tie down rings
• Ground control selector switch with key lock
• Battery discharge indicator
• Hour meter
• Horn
• Drive orientation system
• Lanyard anchor points
• Zenon strobe light
• Manual descent system
• Passive pothole protection system

Standard Specifications
• Tyres (non-marking solid)
• Electrical system
• Batteries (deep cycle)
• Charger
• Drive motors
• Electrical (pump) motor
• Hydraulic system

457mm x 178mm
48V DC
48V - 260 A/hr
On-board 110V/230V HF
Dual AC motors
3.5kw - 48V DC
15L

Accessories & Options
• 8 mm air line to platform
• 255A/hr AGM Battery & on board HF charger
• LED Platform worklight
• Food Compatible Hydraulic Oil
• Platform Power Plug & Socket ¹
• Soft Touch 0.70 m x 1.05 m Platform Proximity System

• Synthetic Biodegradable Hydraulic Oil
• Obstacle detection frame
• Special paint colour
• Fixed (non-rotating) platform
• Platform work lights /DW

¹ Included with circuit breaker on AC cable to platform option. NB 110V or 230V power must be specified
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Performance

- Working height 12.65m
- Working outreach (standard platform) 6.05m
- Up and over height 7.12m
- Swing (not continuous) 345°
- Platform capacity 200 kg
- Jib - overall length 4.14m
- Jib - range of articulation 120° (+60°/-60°)
  A. Platform size standard platform (L x W) 0.70m x 1.05m
  B. Overall width 1.20m
  C. Tailswing 13cm
  D. Stowed height 1.99m
  E. Overall length (standard platform) 3.65m
  F. Wheelbase 1.60m
  G. Ground clearance 10cm
- Machine weight - standard platform 4,900 kg
- Maximum ground bearing pressure 14.0 kg/cm²
- Drive speed - lowered 6.0 km/h
- Turning radius (outside) 2.60m
- Turning radius (inside) 0.75m
- Gradeability 30%

Dimensions

Due to continuous product improvements, JLG Industries reserves the right to make specification and/or equipment changes without prior notification.