M600JP Hybrid Telescopic Boom Lift

Lifting lugs for ease of lifting

8 x 6V deep cycle batteries for quiet drive and lift operation

240V AC battery charger with cut out to increase battery life

Steel platform with side entry gate

Jib PLUS jib rotation for unequalled access up, over and around obstacles

Kubota engine powers Mechron rotary 55 Amp generator to charge batteries on the go

Proportional drive, lift and swing features

Load Sensing System

Cylinder boots protect cylinder shafts from debris and contamination

Auto select generator functions

Dual electric traction motors and reduction hubs for quiet operation and traction power

Non-marking urethane filled lug tyres

Front axle oscillates when travelling with counter weight over steer tyres to assist in accessing difficult sites

Piston hydraulic drive motors for 4 wheel drive assist for maximum traction and ease of steering

APPLICATIONS

- Facilities maintenance
- Shopping centres and other indoor/outdoor areas
- Manufacturing and warehouse applications and stock-takes
- Electricians
- Plumbers
- Window installers
- All maintenance and construction work
- Factory fit outs before electrical power is connected

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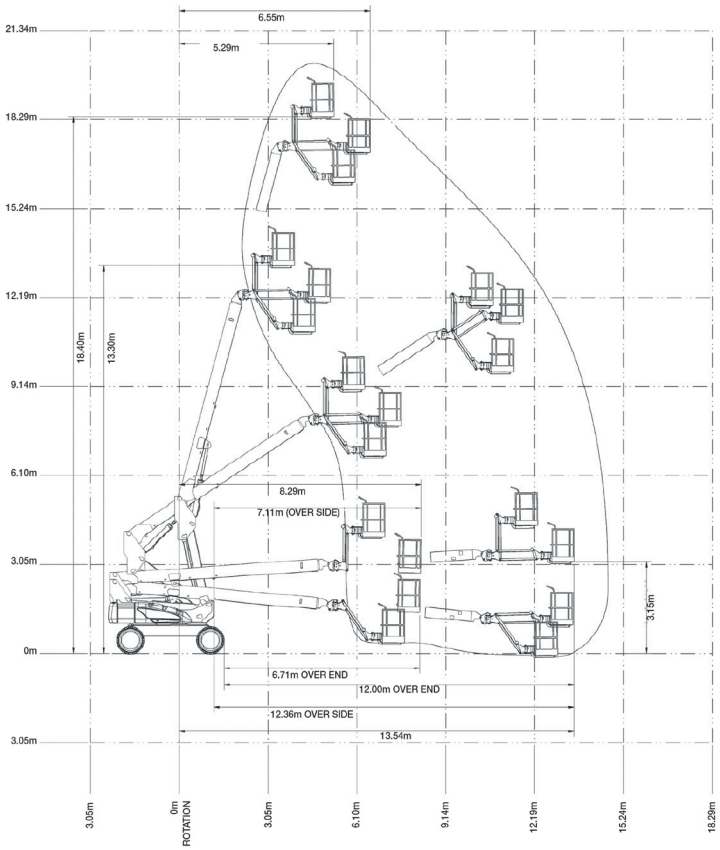
QUESTIONS TO ASK

- What are the ground conditions in the work area?
- What is the working height needed for the job?
- Do you need an extension lead outlet in the platform?
- Do you need non-marking tyres?
- Do you have 240V AC power on site?

KEY SELLING POINTS

- Smooth control, proportional electric drive, with two speed ranges
- Proportional lift and swing controls at the platform
- 4 wheel drive assist with front (steer) hydraulic drive motors with constant traction speed sensor
- Oscillating front steer axle to assist front wheel traction
- Jib boom and basket rotate
- Jib PLUS feature allows jib boom to rotate either side of centre
- Cylinder boots protect cylinder rods from overspray and contaminants
- Non-marking urethane filled tyres
- Multi axis 4 degree level sensor
- Plug in JLG analyser at platform and base to indicate system functions for servicing and adjustment
- On "M" version, a Kubota single cylinder diesel engine to operate 55 Amp Mechron charger when battery voltage drops below a prescribed level. Charge on the go



SPECIFICATIONS

Performance:	
Platform Height (max.)	18.29m
Working Height	20.29m
Platform Rotation Angle	180°
Jib Plus Rotation Angle	180°
Jib Raise Angle	89°
Jib Lower Angle	56°
Jib Articulation Range	145°
Maximum Horizontal Outreach	13.23m
Platform Capacity	230kg
Slewing Angle	400° Non-continuous
Continuous Slew	No
Dimensions:	
Stowed Length	10.15m
Stowed Height	2.57m
Overall Width	2.44m
Wheelbase	2.74m
Ground Clearance	0.30m
Platform Width	1.83m
Platform Length	0.76m
Overall Jib Length	1.24m
Tailswing	1.22m
Axle Oscillation Standard	Std
Power:	
Power Source	Electric DC
Engine Make	Kubota
Engine Model	OC 60
Engine Power	5kW
DC Voltage	48V
DC Power	415 Amp h
Genset	Mechron 55A
Auxiliary Power	Hand Pump
Travel:	
Tyre Size	36/14 LL-22.5
Tyre Type	Urethane Filled/Non-marking
Inside Turn Radius	1.22m
Outside Turn Radius	4.64m
Drive Speed Elevated	0.8km/h
Gradeability with AWD	45%
Drive Speed - AWD	5.0km/h
Maximum Ground Bearing Pressure	3.7kg/cm^2
Weights and Capabilities:	
Fuel Tank Capacity	49.21 Ltr
Hydraulic Tank Capacity	56.78 Ltr
Operating Weight	7,702kg