Technical sheet:

# 160 ATJ



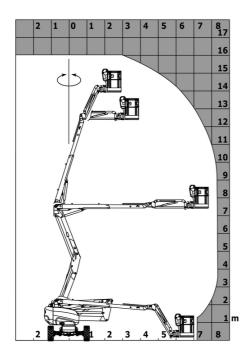


Capacities		Metric	Imperial
Working height	h21	16.02 m	52 ft 7 in
Floor height (access)	h20	0.45 m	1 ft 6 in
Platform height	h7	14.02 m	46 ft
Max. outreach		8.30 m	27 ft 3 in
Overhang		7.50 m	24 ft 7 in
Pendular arm rotation (top / bottom)		+65 ° / -59.50 °	+65 ° / -59.50 °
Platform capacity	Q	230 kg	507 lb
Furret rotation		350 °	350 °
Platform rotation (right / left)		90 ° / 90 °	90 ° / 90 °
Number of people (indoor / outdoor)		2/2	2/2
Weight and dimensions			
Platform weight*		6160 kg	13580 lb
Platform dimensions (length x width)	lp / ep	1.80 m x 0.80 m	5 ft 11 in x 2 ft 7 in
Overall length	l1	6.68 m	21 ft 11 in
Overall width	b1	2.32 m	7 ft 7 in
Overall height	h17	2.37 m	7 ft 9 in
Overall length (stowed)	19	4.44 m	14 ft 7 in
Overall height (stowed)	h18	2.63 m	8 ft 8 in
Counterweight offset (turret at 90°)	a7	0.22 m	9 in
Counterweight Oversize / Reach		0.22 m	9 in
nternal turning radius (over tyres)	b13	1.39 m	4 ft 7 in
External turning radius	Wa3	3.75 m	12 ft 4 in
Ground clearance at centre of wheelbase	m2	0.36 m	1 ft 2 in
Wheelbase	у	2.20 m	7 ft 3 in
Performances			
Drive speed - stowed		5 km/h	3 mph
Drive speed - raised		1 km/h	0.62 mph
Gradeability		45 %	45 %
Permissible leveling		5 °	5 °
Wheels			
Tires type		Foam-filled	Foam-filled
Standard tires		834 x 298 mm	834 x 298 mm
Drive wheels (front / rear)		2/2	2/2
Steering wheels (front / rear)		2 / 2	2/2
Braking wheels (front / rear)		0 / 2	0 / 2
Engine/Battery			
Engine brand / model		Kubota - D1105-E4B	Kubota - D1105-E4B
Engine norm		Interim Tier 4, Stage IIIA, Stage V	Interim Tier 4, Stage IIIA, Stage V
.C. Engine power rating / Power		24.50 Hp / 18.50 kW	24.50 Hp / 18.50 kW
Miscellaneous			
Ground Pressure		11.60 dan/cm2	168 PSI
lydraulic Pressure		340 bar	4931 PSI
Hydraulic tank capacity		54 I	14 US gal
Fuel tank		52 I	14 US gal
Sound level at platform		105 dB	105 dB
Noise to environment (LwA)		< 105 dB	< 105 dB
Daily consumption **		4.08 l	1 US gal
Polluting NOX		5.80 kg	13 lb

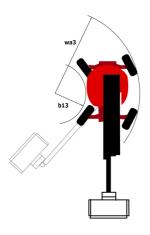
<sup>\*</sup>Varies according to options and standards of the country to which the machine is delivered \*\* According to "REDUCE cycle"

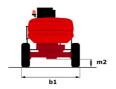
## 160 ATJ - Load chart

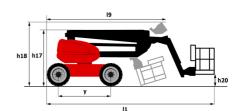
### Load Chart for MEWP Metric



160 ATJ - Dimensional drawing







# **Equipment**

### 220V predisposition in the platform 4 simultaneous movements 4 wheel drive 4 wheel steer with crab mode Audible alarm and illuminated indicator lamp (leveling, overload, lowering) Backup electrical pump Basket 1,800 mm CAN bus technology Dead man pedal Differential locking on rear axle Easy Manager Emergency stop button in platform and on frame Front axle with limited slip Fuel gauge with low level indicator Fully galvanized basket with demountable floor Horn in the platform Hour meter Leveling unlocking Load sensing pump Oscillating front axle Steer and rotate Stop & Go system

Optional		
18" tyres		
Battery charger		
Battery cut-off		
Biodegradable oil		
Catalytic cleaner		
Coded anti-start		
Cold weather protection oil		
Continuous turret rotation		
Fully galvanized basket 1800mm / 5'11" with lateral door		
Galvanized basket 2,100 mm		
Highly capacity battery		
Lockable fuel cap		
On-board generator (3,5 or 5 kW)		
Personalized paintwork		
Safety hamess		
Secondary Protection System (SPS)		
Spark arrester		
Water heater		
Water predisposition		
Working headlight in platform		





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