Technical sheet :

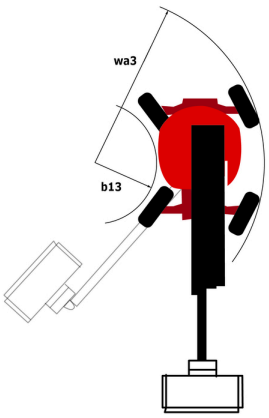
ATJ 46

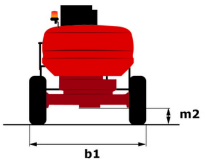
MANITOU
HANDLING YOUR WORLD

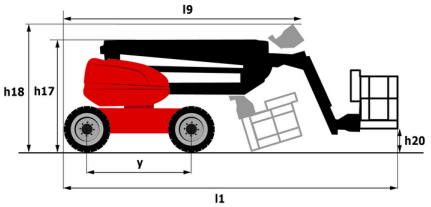
Capacities		Metric
Working height	h21	16.01 m
Platform height	h7	14.01 m
Max. outreach		8.30 m
Overhang		7.50 m
Pendular arm rotation (top / bottom)		+65 ° / -59.50 °
Platform capacity	Q	227 kg
Turret rotation		350 °
Platform rotation (right / left)		90 ° / 90 °
Number of people (indoor / outdoor)		2 / 2
Weight and dimensions		
Platform weight*		6090 kg
Platform dimensions (length x width)	lp / ep	2.10 m x 0.80 m
Floor height (access)	h20	0.40 m
Overall length	l1	6.68 m
Overall width	b1	2.32 m
Overall height	h17	2.37 m
Overall length (stowed)	l9	4.49 m
Overall height (stowed)	h18 ***	2.83 m
Counterweight offset (turret at 90°)	a7	0.22 m
Counterweight Oversize / Reach		0.23 m
External turning radius	Wa3	5.17 m
Ground clearance at centre of wheelbase	m2	0.36 m
Wheelbase	y	2.20 m
Performances		
Drive speed - stowed		5 km/h
Drive speed - raised		1 km/h
Gradeability		45 %
Wheels		
Tires type		Foam-filled
Standard tires		834 x 298 mm
Drive wheels (front / rear)		2 / 2
Steering wheels (front / rear)		2 / 0
Braking wheels (front / rear)		0 / 2
Engine/Battery		
Engine brand / model		Kubota - D1105-E4B
Engine norm		Interim Tier 4, Stage IIIA, Stage V
Engine power (Hp / kW)		24.80 Hp / 18.50 kW
Miscellaneous		
Ground Pressure		9.60 daN/cm2
Hydraulic Pressure		340 bar
Hydraulic tank capacity		54 l
Fuel tank capacity		52 l
Noise to environment (LwA)		< 105 dB
Vibration on hands/arms		< 0.50 m/s²
Daily consumption **		4.08 l
Standards compliance		
This machine is in compliance with:		ANSI A92.20-2018 CSA B354.6 ICES-002-Issue 6 Standard Canadian EMC

*Varies according to options and standards of the country to which the machine is delivered

ATJ 46 - Dimensional drawing







Equipment

Standard
4 simultaneous movements
4 wheel drive
Audible alarm and illuminated indicator lamp (leveling, overload, lowering)
Basket 1,800 mm
Basket controls protection
Battery cut-off
CAN bus technology
Cumulative lifting and driving functions
Diesel tank locking cap
Differential locking on rear axle
Driver presence pedal
Easy Manager
Electric plug - 110V - In the basket - With differential circuit breaker - USA (B) type
Emergency stop button in platform and on frame
Engine pre-heater
Flat Led Rotating Beacon
Front axle with limited slip
Fuel gauge with low level indicator
Fully galvanized basket with removable floor - Width: 2100 mm (6 ft. 11 in.)
Integrated diagnostic assistance
Management via engine speed bearing
Pendular arm
Proportional controls
Side swing gate
Simultaneous steering and turret rotation functions
Stop & Go system
Turret orientation detector

Optional
Biodegradable oil
Cold environment package
Cold weather protection oil
Foam filled tyres
Key lock on turret cover
LED work light - On basket
On-board generator (3,5 or 5 kW)
Secondary Protection System (SPS)
Turret orientation detector
Water pre-fitting

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