

Technical sheet :

ATJ 46



 **MANITOU**
HANDLING YOUR WORLD

Capacities		Imperial
Working height	h21	52 ft 6 in
Platform height	h7	46 ft
Maximum outreach		27 ft 3 in
Overhang		24 ft 7 in
Pendular arm rotation (top / bottom)		+65 ° / -59.50 °
Platform capacity	Q	500 lb
Turret rotation		350 °
Platform rotation (right / left)		90 ° / 90 °
Number of people (indoor / outdoor)		2 / 2
Weight and dimensions		
Platform weight*		13426 lb
Platform dimensions (length x width)	lp / ep	6 ft 11 in x 2 ft 7 in
Floor height (access)	h20	1 ft 4 in
Overall length	l1	21 ft 11 in
Overall width	b1	7 ft 7 in
Overall height	h17	7 ft 9 in
Overall length (stowed)	l9	14 ft 9 in
Overall height (stowed)	h18 ***	9 ft 3 in
Counterweight offset (turret at 90°)	a7	9 in
Counterweight Oversize / Reach		9 in
External turning radius	Wa3	17 ft
Ground clearance at centre of wheelbase	m2	1 ft 2 in
Wheelbase	y	7 ft 3 in
Performances		
Drive speed - stowed		3 mph
Drive speed - raised		0.62 mph
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		139 PSI
Hydraulic Pressure		4931 PSI
Hydraulic tank capacity		14 US gal
Fuel		14 US gal
Noise to environment (LWA)		105 dB
Vibration on hands/arms		2 ft/s²
Daily consumption **		1 US gal
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 - Load chart

Load Chart for MEWP (Imperial)



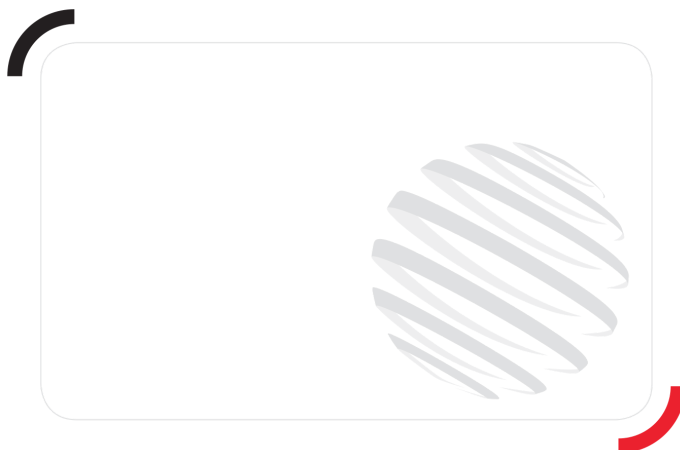
Equipment

Standard

110 V American plug with differential circuit breaker
4 simultaneous movements
4 wheel drive
Audible alarm and illuminated indicator lamp (leveling, overload, lowering)
Basket 1,800 mm
Battery cut-off
CAN bus technology
Dead man pedal
Differential locking on rear axle
Drive safety orientation system
Easy Manager
Emergency stop button in platform and on frame
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
Lift and drive
Lockable fuel cap
Management via engine speed bearing
Pendular arm
Proportional controls
Protective cover for control panel
Steer and rotate
Swinging gate on platform
Water heater

Optional

Biodegradable oil
Cold weather kit
Cold weather protection oil
Drive safety orientation system
Foam filled tyres
Lockable turret cover
On-board generator (3,5 or 5 kW)
Secondary Protection System (SPS)
Water predisposition
Working light



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