Technical sheet :

200 ATJ-X



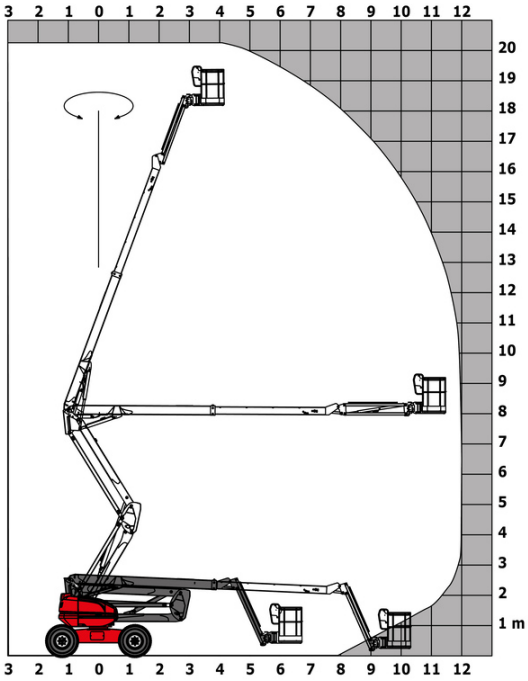
MANITOU
HANDLING YOUR WORLD

Capacities		Metric	Imperial
Working height	h21	20.28 m	66 ft 6 in
Floor height (access)	h20	0.51 m	1 ft 8 in
Platform height	h7	18.28 m	60 ft
Max. outreach		12 m	39 ft 4 in
Overhang		8 m	26 ft 3 in
Pendular arm rotation (top / bottom)		+69 ° / -66 °	+69 ° / -66 °
Platform capacity	Q	230 kg	507 lb
Turret rotation		355 °	355 °
Platform rotation (right / left)		90 ° / 90 °	90 ° / 90 °
Number of people (indoor / outdoor)		2 / 2	2 / 2
Weight and dimensions			
Platform weight*		10050 kg	22156 lb
Platform dimensions (length x width)	lp / ep	2.10 m x 0.80 m	6 ft 11 in x 2 ft 7 in
Overall length	l1	8.42 m	27 ft 7 in
Overall width	b1	2.40 m	7 ft 10 in
Overall height	h17	2.71 m	8 ft 11 in
Overall length (stowed)	l9	6.21 m	20 ft 4 in
Overall height (stowed)	h18	2.85 m	9 ft 4 in
Counterweight offset (turret at 90°)	a7	0.11 m	4 in
Counterweight Oversize / Reach		0.11 m	4 in
Internal turning radius (over tyres)	b13	1.53 m	5 ft
External turning radius	Wa3	4.17 m	13 ft 8 in
Ground clearance at centre of wheelbase	m2	0.44 m	1 ft 5 in
Wheelbase	y	2.40 m	7 ft 10 in
Performances			
Drive speed - stowed		4.70 km/h	3 mph
Drive speed - raised		0.80 km/h	0.50 mph
Gradeability		40 %	40 %
Permissible leveling		5 °	5 °
Wheels			
Tires type		Solid Tires Cured-On	Solid Tires Cured-On
Standard tires		1025 x 365 mm	1025 x 365 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 - V2403-M	Kubota - V2403-M
Engine norm		Stage IIIA	Stage IIIA
I.C. Engine power rating / Power		46 Hp / 34.10 kW	46 Hp / 34.10 kW
Miscellaneous			
Ground Pressure		20.65 dan/cm2	300 PSI
Hydraulic Pressure		335 bar	4859 PSI
Hydraulic tank capacity		80 l	21 US gal
Fuel tank		78 l	21 US gal
Vibration on hands/arms		< 0.50 m/s²	< 0.50 m/s²
Daily consumption **		7.96 l	2 US gal
Standards compliance			
This machine is in compliance with:		European directives: 2006/42/EC- Machinery (revised EN280:2013) - 2004/108/EC (EMC) - 2006/95/EC (Low voltage)	European directives: 2006/42/EC- Machinery (revised EN280:2013) - 2004/108/EC (EMC) - 2006/95/EC (Low voltage)

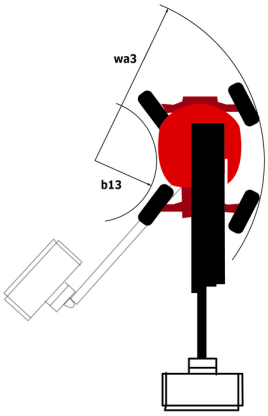
*Varies according to options and standards of the country to which the machine is delivered
** According to "REDUCE cycle"

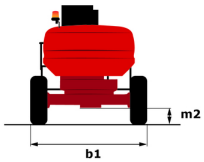
200 ATJ-X - Load chart

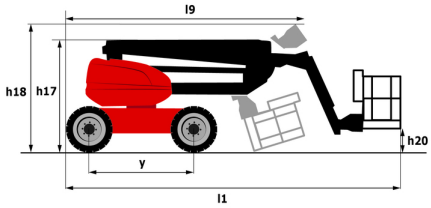
Load Chart metric



200 ATJ-X - Dimensional drawing







Equipment

Standard
230V Predisposition
4 simultaneous movements
4 wheel drive
4 wheel steer with crab mode
Audible alarm and illuminated indicator lamp (leveling, overload, lowering)
Backup electrical pump
CAN bus technology
Dead man pedal
Differential locking on rear axle
Fuel gauge with low level indicator
Galvanized basket 2,100 mm
Hour meter
Management via engine speed bearing
Oscillating front axle
Proportional controls
Rear axle with limited slip differential

Optional
110 or 230V plug with differential circuit breaker
Battery cut-off
Biodegradable oil
Catalytic cleaner
Coded anti-start
Cold weather protection oil
Continuous turret rotation
Highly capacity battery
Key lock on fuel tank
Key lock on turret cover
On-board generator (3,5 or 5 kW)
SMS : Safe Man System
Safety harness
Screen protection on the lower box control
Spark arrester
Water heater
Working light

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