

Technical sheet :

200 ATJ ST5



 **MANITOU**
HANDLING YOUR WORLD

Capacities		Metric	Imperial
Working height	h21	20.35 m	66 ft 9 in
Floor height (access)	h20	0.50 m	1 ft 8 in
Platform height	h7	18.35 m	60 ft 2 in
Max. outreach		11.97 m	39 ft 3 in
Overhang		7.95 m	26 ft 1 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 0.76 m	6 ft 11 in x 2 ft 6 in
Overall length	l1	8.43 m	27 ft 8 in
Overall width	b1	2.40 m	7 ft 10 in
Overall height	h17	2.70 m	8 ft 10 in
Overall length (stowed)	l9	6.24 m	20 ft 6 in
Overall height (stowed) **	h18	2.99 m	9 ft 10 in
Counterweight offset (turret at 90°)	a7	0.11 m	4 in
Counterweight Oversize / Reach		0.11 m	4 in
External turning radius	Wa3	3.90 m	12 ft 10 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		Cured on foam filled tires	Cured on foam filled tires
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		Yanmar - 3TNV88C-KMU	Yanmar - 3TNV88C-KMU
Engine norm		Stage V	Stage V
I.C. Engine power rating / Power		34 Hp / 25.50 kW	34 Hp / 25.50 kW
Miscellaneous			
Ground Pressure		20.65 dan/cm2	300 PSI
Hydraulic Pressure		340 bar	4931 PSI
Hydraulic tank capacity		80 l	21 US gal
Fuel tank		78.50 l	21 US gal
Polluting NOX		2.61 kg	6 lb
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

200 ATJ ST5 - Load chart

Load Chart metric



200 ATJ ST5 - 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
Easy Manager
Emergency stop button in platform and on frame
Engine with DPF
Front axle with limited slip
Fuel gauge with low level indicator
Galvanized basket 2,100 mm
Hour meter
LED rotating beacon
Large color screen on turret
Management via engine speed bearing
Oscillating front axle
Proportional controls
Stop & Go system

Optional

110 or 230V plug with differential circuit breaker
Battery cut-off
Biodegradable oil
Coded anti-start
Cold weather protection oil
Continuous turret rotation
Fuel tank locking cap
Galvanized basket 2,100 mm
Galvanized basket 2.100 mm / 6'11" with lateral door
Highly capacity battery
Key lock on turret cover
Oil tank locking cap
On-board generator (3,5 or 5 kW)
Safety kit - Harness + helmet
Screen protection on the lower box control
Secondary Protection System (SPS)
Socket 230 V + differential circuit breaker
Water heater
Working light



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