

Technical sheet :

# ATJ 46 E

OXYGEN

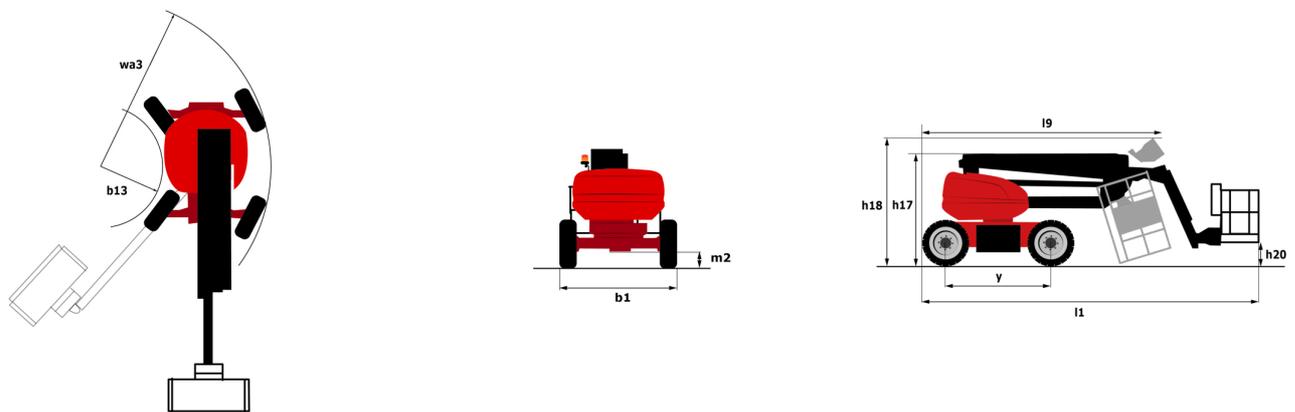


 **MANITOU**  
HANDLING YOUR WORLD

Capacities		Metric
Working height	h21	16.03 m
Platform height	h7	14.03 m
Maximum outreach		8.11 m
Overhang		7.43 m
Pendular arm rotation (left / right)		90 ° / 90 °
Pendular arm rotation (top / bottom)		+65 ° / -59.50 °
Platform capacity	Q	250 kg
Turret rotation		350 °
Platform rotation (right / left)		90 ° / 90 °
Number of people (indoor / outdoor)		2 / 2
Weight and dimensions		
Platform weight*		6220 kg
Platform dimensions (length x width)	lp / ep	2.10 m x 0.76 m
Floor height (access)	h20	0.46 m
Overall length	l1	6.50 m
Overall width	b1	2.32 m
Overall height	h17	2.39 m
Overall length (stowed)	l9	4.48 m
Overall height (stowed)	h18 ***	2.77 m
Counterweight offset (turret at 90°)	a7	0.85 m
Counterweight Oversize / Reach		0.26 m
External turning radius	Wa3	3.75 m
Ground clearance at centre of wheelbase	m2	0.35 m
Wheelbase	y	2.30 m
Performances		
Drive speed - stowed		5.20 km/h
Drive speed - raised		0.70 km/h
Gradeability		45 %
Permissible leveling		5 °
Wheels		
Tires type		Foam-filled
Standard tires		834 x 298 mm
Drive wheels (front / rear)		2 / 2
Steering wheels (front / rear)		2 / 2
Braking wheels (front / rear)		0 / 2
Engine/Battery		
Battery voltage		48 V
Battery nominal voltage / capacity		48 V / 480 Ah
Battery energy		23 kWh
On-board charger (V / A)		48 V / 60 A
Miscellaneous		
Number of cycles with STD Battery (HIRD)		58
Ground Pressure		13 daN/cm2
Hydraulic Pressure		240 bar
Hydraulic tank capacity		24 l
Sound pressure level (platform work station) (LpA)		70 dB
Vibration on hands/arms		< 2.50 m/s <sup>2</sup>
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  
 \*\* According to "REDUCE cycle"

### ATJ 46 e - Dimensional drawing



# Equipment

## Standard

4 simultaneous movements  
 4 wheel drive  
 4 wheel steer with crab mode  
 Additional foot-operated hom  
 Audible alarm and illuminated indicator lamp (leveling, overload, lowering)  
 Backup electrical pump  
 Battery reserve mode  
 CAN bus technology  
 Cumulative lifting and driving functions  
 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  
 Front axle with limited slip  
 Fully galvanized basket with removable floor - Width: 2100 mm (6 ft. 11 in.)  
 Galvanized basket - Width: 2100 mm (6 ft. 11 in.) + Side swing gate  
 Hour meter  
 LED rotating beacon  
 Large color screen on turret  
 Leveling unlocking  
 Load sensing pump  
 Oscillating front axle  
 Screen information in the basket  
 Secondary Protection System (SPS)  
 Simplified lifting system without spreader bar  
 Simultaneous steering and turret rotation functions  
 Slings and securing rings  
 Turret orientation detection

## Optional

Antitheft digicode  
 Biodegradable hydraulic oil - Grade 32  
 Compressed air pipe pre-fitting  
 Easy Link - With access control keypad  
 Easy Link - With remote lock  
 Electric central filling system  
 Electric plug - 110V - In the basket - With differential circuit breaker - Canada (B) type  
 Foam-filled tires 914 x 381 mm / 36X15D609  
 Front metallic wheels + Rear metallic wheels  
 Galvanized basket - Width: 1800 mm (5 ft. 11 in.) + Side swing gate  
 Key lock on turret cover  
 Lighting pack  
 Lower control box protection  
 Non-marking Foam Inflated Tires 914 x 381 mm / 36x15D609  
 OSS - Operation Safety System  
 Personalized paintwork  
 Water pre-fitting

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