

Technical sheet :

# ATJ 46 E

OXYGEN



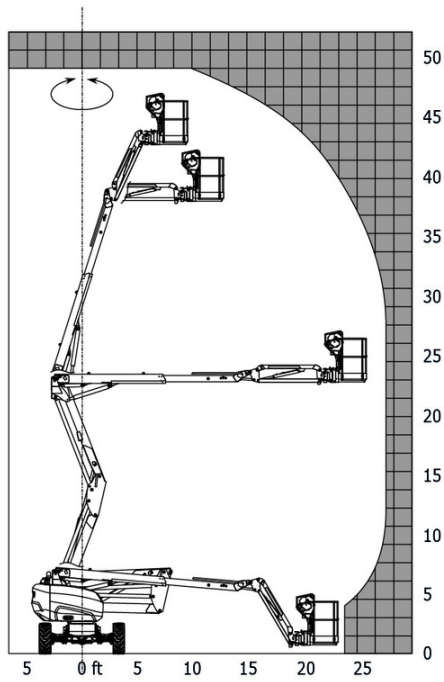
 **MANITOU**  
HANDLING YOUR WORLD

Capacities		Imperial
Working height	h21	52 ft 7 in
Platform height	h7	46 ft
Max. outreach		26 ft 7 in
Overhang		24 ft 5 in
Pendular arm rotation (left / right)		90 ° / 90 °
Pendular arm rotation (top / bottom)		+65 ° / -59.50 °
Platform capacity	Q	551 lb
Turret rotation		350 °
Platform rotation (right / left)		90 ° / 90 °
Number of people (indoor / outdoor)		2 / 2
Weight and dimensions		
Platform weight*		13713 lb
Platform dimensions (length x width)	lp / ep	6 ft 11 in x 2 ft 6 in
Floor height (access)	h20	1 ft 6 in
Overall length	l1	21 ft 4 in
Overall width	b1	7 ft 7 in
Overall height	h17	7 ft 10 in
Overall length (stowed)	l9	14 ft 8 in
Overall height (stowed)	h18 ***	9 ft 1 in
Counterweight offset (turret at 90°)	a7	2 ft 9 in
Counterweight Oversize / Reach		10 in
External turning radius	Wa3	12 ft 4 in
Ground clearance at centre of wheelbase	m2	1 ft 2 in
Wheelbase	y	7 ft 7 in
Performances		
Drive speed - stowed		3 mph
Drive speed - raised		0.43 mph
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		189 PSI
Hydraulic Pressure		3481 PSI
Hydraulic tank capacity		6 US gal
Sound pressure level (platform work station) (platform work station)		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 - Load chart

## Load Chart for MEWP (Imperial)



# ATJ 46 e - Dimensional drawing



# Equipment

## Standard

110 V American plug with differential circuit breaker  
 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  
 Cumulative lifting and driving functions  
 Dead man pedal  
 Differential locking on rear axle  
 Easy Manager  
 Emergency stop button in platform and on frame  
 Front axle with limited slip  
 Fully galvanized basket with demountable floor  
 Galvanized basket 2.100 mm / 6'11" with lateral door  
 Hom in the platform  
 Hour meter  
 LED rotating beacon  
 Large color screen on turret  
 Leveling unlocking  
 Load sensing pump  
 Oscillating front axle  
 Reserve mode  
 Screen information in the basket  
 Secondary Protection System (SPS)  
 Simplified lifting system without spreader bar  
 Slings and securing rings  
 Steer and rotate  
 Turret orientation information

## Optional

110v Canadian plug In basket with 3 differential circuit breaker  
 Biodegradable hydraulic oil - Grade 32  
 Bottom screen protection  
 Digicode anti-theft device  
 Easy Link - With access control keypad  
 Easy link with remote lock  
 Electric centralized filling  
 External pneumatic supply source  
 Foam-filled tires 914 x 381 mm / 36X15D610  
 Fully galvanized basket 1800mm / 5'11" with lateral door  
 Iron wheel package  
 Key lock on turret cover  
 Lighting pack  
 Non-marking Foam Inflated Tires 914 x 381 mm / 36x15D610  
 OSS - Operation Safety System  
 Personalized paintwork  
 Water predisposition



**Head Office**

B.P. 249 - 430 rue de l'Aubinière

44150 Ancenis Cedex - France

Tel: +33 (0)2 40 09 10 11 - Fax: +33 (0)2 40 09 10 97

[www.manitou.com](http://www.manitou.com)



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