

Technical sheet :

ATJ 46 E

OXYGEN



 **MANITOU**
HANDLING YOUR WORLD

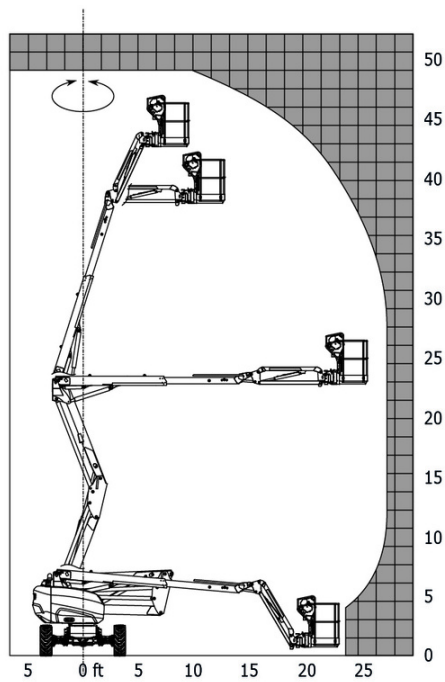
Capacities		Imperial
Working height	h21	52 ft 7 in
Platform height	h7	46 ft
Maximum outreach		26 ft 7 in
Overhang		24 ft 5 in
Pendular arm rotation (left / right)		90 ° / 90 °
Pendular arm rotation (top / bottom)		+65 ° / -59.50 °
Platform capacity	Q	551 lb
Turret rotation		350 °
Platform rotation (right / 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 kW/h
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) (LpA)		70 dB
Vibration on hands/arms		< 2.50 m/s²
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

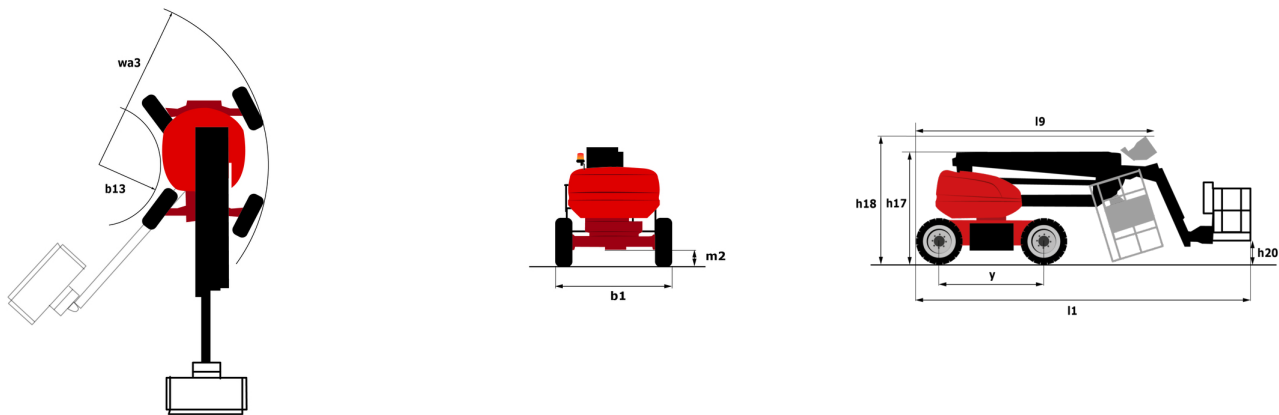
** According to "REDUCE cycle"

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
Engine compartment with key lock
External pneumatic supply source
Foam-filled tires 914 x 381 mm / 36X15D610
Fully galvanized basket 1800mm / 5'11" with lateral door
Iron wheel package
Lighting pack
Non-marking Foam Inflated Tires 914 x 381 mm / 36x15D610
OSS - Operation Safety System
Personalized paintwork
Water predisposition



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