

Technical sheet :

ATJ 46 E

OXYGEN



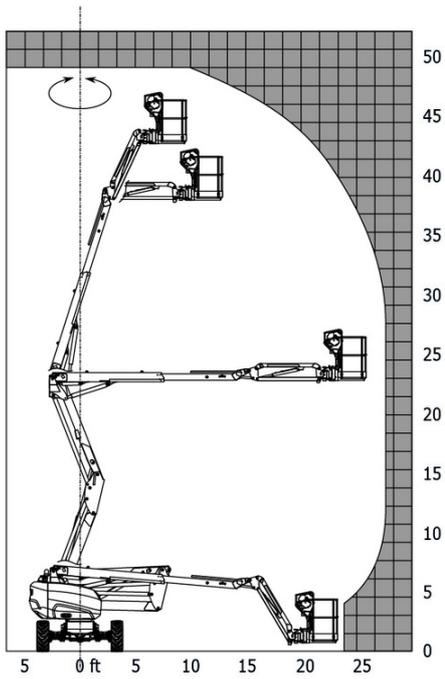
 **MANITOU**
HANDLING YOUR WORLD

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 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) (LpA)		70 dB
Vibration on hands/arms		< 8 ft/s²
Standards compliance		
This machine is in compliance with:		ANSI A92.20-2018 CSA B354.6 ICES-002-Issue 6 Standard Canadian EMC

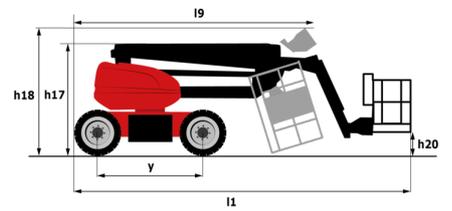
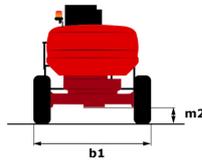
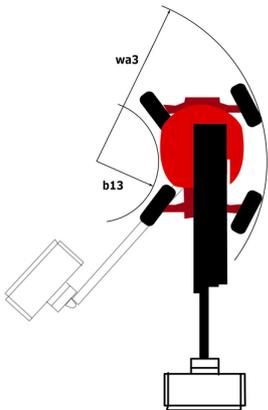
*Varies according to options and standards of the country to which the machine is delivered
 ** According to "REDUCE cycle"

ATJ 46 e - Load chart

Load Chart for MEWP (Imperial)



ATJ 46 e - Dimensional drawing



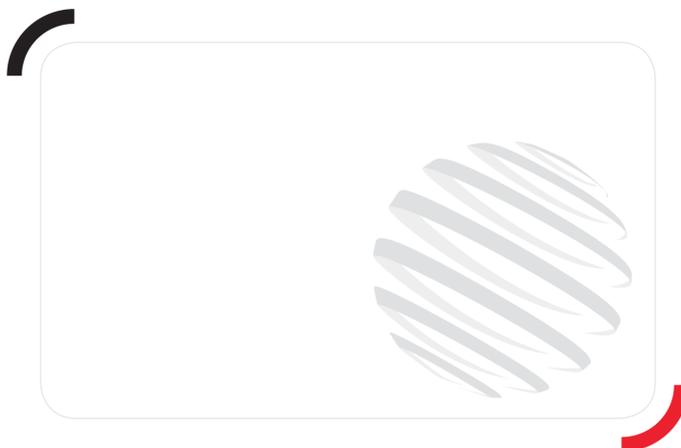
Equipment

Standard

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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