

Technical sheet :

ATJ 46+ E CR

OXYGEN



 **MANITOU**
HANDLING YOUR WORLD

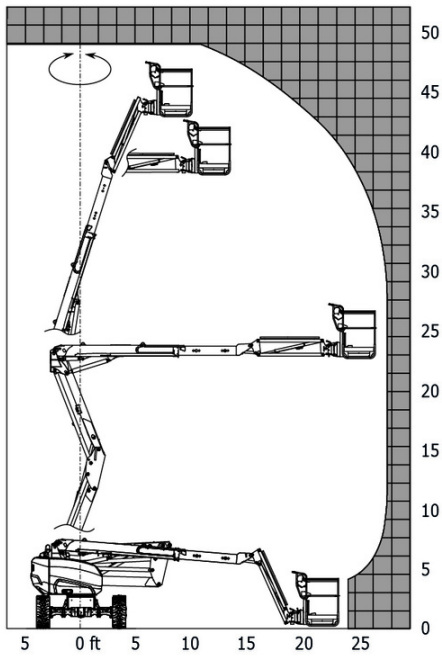
| Capacities | | Imperial |
|---|---------|---|
| Working height | h21 | 53 ft 3 in |
| Platform height | h7 | 46 ft 9 in |
| Max. outreach | | 27 ft 4 in |
| Overhang | | 24 ft 5 in |
| Pendular arm rotation (left / right) | | 90 ° / 90 ° |
| Pendular arm rotation (top / bottom) | | +66.50 ° / -65.80 ° |
| Platform capacity | Q | 899 lb |
| Turret rotation | | 360 ° |
| Platform rotation (right / left) | | 90 ° / 90 ° |
| Number of people (indoor / outdoor) | | 3 / 3 |
| Weight and dimensions | | |
| Platform weight* | | 17174 lb |
| Platform dimensions (length x width) | lp / ep | 7 ft 7 in x 2 ft 11 in |
| Floor height (access) | h20 | 1 ft 5 in |
| Overall length | l1 | 22 ft 7 in |
| Overall width | b1 | 7 ft 10 in |
| Overall height | h17 | 8 ft 2 in |
| Overall length (stowed) | l9 | 15 ft 5 in |
| Overall height (stowed) | h18 *** | 9 ft 8 in |
| Counterweight offset (turret at 90°) | a7 | 1 ft 3 in |
| Counterweight Oversize / Reach | | 1 ft 2 in |
| External turning radius | Wa3 | 12 ft 5 in |
| Ground clearance at centre of wheelbase | m2 | 1 ft 3 in |
| Wheelbase | y | 7 ft 7 in |
| Performances | | |
| Drive speed - stowed | | 3 mph |
| Drive speed - raised | | 0.62 mph |
| Gradeability | | 45 % |
| Permissible leveling | | 5 ° |
| Wheels | | |
| Tires type | | Foam-filled |
| Standard tires | | 914 x 370 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 | | |
| Ground Pressure | | 154 PSI |
| Hydraulic Pressure | | 3481 PSI |
| Hydraulic tank capacity | | 6 US gal |
| Noise to environment (LWA) | | < 70 dB |
| Vibration on hands/arms | | < 2.50 m/s ² |
| 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 CR - Load chart

Load Chart for MEWP (Imperial)



ATJ 46+ e CR - 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
Continuous turret rotation
Dead man pedal
Differential locking on rear axle
Easy Link with 2 year Service
Easy Manager
Emergency stop button in platform and on frame
Front axle with limited slip
Hom in the platform
Hour meter
LED rotating beacon
Leveling unlocking
Load sensing pump
Oscillating front axle
Painted basket 2.30 m / 7ft 7In for heavy load with lateral door
Reserve mode
Screen information in the basket
Secondary Protection System (SPS)
Simplified lifting system without spreader bar
Slinging and securing rings
Steer and rotate
Turret orientation information

Optional

110v Canadian plug in basket with 3 differential circuit breaker
Additional tool boxes (X2)
Biodegradable hydraulic oil - Grade 32
Biodegradable oil
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
Iron wheel package
Key lock on turret cover
Lighting pack
Locking the telescope by parameter setting
Non-marking Foam Inflated Tires 914 x 381 mm / 36x15D610
OSS - Operation Safety System
Panel support kit
Personalized paintwork
Tires - 910x370 mm (36x15 in.) - D610 - Foam filled
Tube support kit
Water predisposition
Working light (x1) on basket



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