

Fiche technique :

# 160 ATJ+ E RC

OXYGEN



 **MANITOU**  
HANDLING YOUR WORLD

| Capacités  |         | Métrique   |
|--|---------|--|
| Working height   | h21     | 16.22 m  |
| Floor height (access)  | h20     | 0.42 m   |
| Platform height  | h7      | 14.22 m  |
| Max. outreach  |         | 8.34 m   |
| Overhang   |         | 7.60 m   |
| Pendular arm rotation (left / right)                                 |         | 90 ° / 90 °  |
| Pendular arm rotation (top / bottom)                                 |         | +66.50 ° / 65.80 °   |
| Platform capacity  | Q       | 408 kg   |
| Turret rotation  |         | 350 °  |
| Platform rotation (right / left)                                     |         | 90 ° / 90 °  |
| Number of people (indoor / outdoor)                                  |         | 3 / 3  |
| Weight and dimensions  |         |  |
| Platform weight*   |         | 7790 kg  |
| Platform dimensions (length x width)                                 | lp / ep | 2.30 m x 0.90 m  |
| Overall length   | l1      | 6.88 m   |
| Overall width  | b1      | 2.38 m   |
| Overall height   | h17     | 2.48 m   |
| Overall length (stowed)  | l9      | 4.70 m   |
| Overall height (stowed)  | h18 *** | 2.94 m   |
| Counterweight offset (turret at 90°)                                 | a7      | 0.37 m   |
| Counterweight Oversize / Reach                                       |         | 0.37 m   |
| External turning radius  | Wa3     | 3.78 m   |
| Ground clearance at centre of wheelbase                              | m2      | 0.36 m   |
| Wheelbase  | y       | 2.30 m   |
| Performances   |         |  |
| Drive speed - stowed   |         | 5 km/h   |
| Drive speed - raised   |         | 1 km/h   |
| Gradeability   |         | 45 %   |
| Permissible leveling   |         | 5 °  |
| Wheels   |         |  |
| Tires type   |         | Foam Filled Non Marking  |
| Standard tires   |         | 914 x 381 mm / 36X15D610   |
| 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)                             |         | 50   |
| Ground Pressure  |         | 11.60 dan/cm <sup>2</sup>  |
| Hydraulic Pressure   |         | 250 bar  |
| Hydraulic tank capacity  |         | 24 l   |
| 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:                                  |         | European directives: 2006/42/EC- Machinery (revised EN280:2013) - 2004/108/EC (EMC) - 2006/95/EC (Low voltage) |

\*Varies according to options and standards of the country to which the machine is delivered

\*\* According to "REDUCE cycle"

# 160 ATJ+ e RC - Abaques

## Load Chart for MEWP Metric



# 160 ATJ+ e RC - Schémas d'encombrement



# Équipements

## Standard

220V predisposition in the platform  
 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  
 Fully galvanized basket with demountable floor  
 Heavy-duty painted basket 2.30 m  
 Hom in the platform  
 Hour meter  
 LED rotating beacon  
 Leveling unlocking  
 Load sensing pump  
 Oscillating front axle  
 Reserve mode  
 Screen information in the basket  
 Secondary Protection System (SPS)  
 Secondary Protection System (SPS) - With LED red strobe lights  
 Simplified lifting system without spreader bar  
 Slings and securing rings  
 Steer and rotate  
 Turret orientation information

## Optionnel

110 V electric plug 16A  
 Audio warning on all motion  
 Audio warning on all motion - White noise  
 Audio warning on translation - White noise  
 Beeper on movement  
 Biodegradable hydraulic oil - Grade 32  
 Biodegradable oil  
 Bottom screen protection  
 Digicode anti-theft device  
 Earthing and shortcircuiting pre-fitting (Bolted ball)  
 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  
 Galvanized basket 2,100 mm  
 Galvanized basket 2.100 mm / 6'11" with lateral door  
 Hydraulic oil heater  
 Iron wheel package  
 Key lock on turret cover  
 Locking the telescope by parameter setting  
 Packing for containerization  
 Panel support kit  
 Personalized paintwork  
 Rail protection  
 Safety kit - Harness + helmet  
 Socket 230 V + differential circuit breaker  
 Tube support kit  
 Two safety kits (helmet + harness)  
 Water predisposition  
 Working light (x1) on basket



**Siège Social**

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)



Cette publication présente le descriptif des versions et possibilités de configuration des produits Manitou qui peuvent différer en équipement. Les équipements présentés dans cette brochure peuvent être de série, en option, ou non disponibles suivant les versions. Manitou se réserve le droit, à tout moment et sans préavis, de modifier les spécifications décrites et représentées. Les spécifications portées n'engagent pas le constructeur. Pour plus de détails, contactez votre concessionnaire Manitou. Document non contractuel. Présentation des produits non contractuelle. Liste des spécifications non exhaustive. Les logos ainsi que l'identité visuelle de l'entreprise sont la propriété de Manitou et ne peuvent être utilisés sans autorisation. Tous droits réservés. Les photos et schémas contenus dans la présente brochure ne sont fournis qu'à des fins de consultation et à titre indicatif.

Manitou BF SA - Société anonyme à conseil d'administration - Capital social : 39 668 399 euros - 857 802 508 RCS Nantes