

Fiche technique :

# 180 ATJ E

OXYGEN



 **MANITOU**  
HANDLING YOUR WORLD

| Capacités  |         | Métrique   |
|--|---------|--|
| Working height   | h21     | 18.19 m  |
| Platform height  | h7      | 16.19 m  |
| Max. outreach  |         | 10.33 m  |
| Overhang   |         | 7.43 m   |
| Pendular arm rotation (left / right)                                 |         | 90 ° / 90 °  |
| Pendular arm rotation (top / bottom)                                 |         | +65 ° / -59.50 °   |
| Platform capacity  | Q       | 250 kg   |
| Turret rotation  |         | 350 °  |
| Platform rotation (right / left)                                     |         | 90 ° / 90 °  |
| Number of people (indoor / outdoor)                                  |         | 2 / 2  |
| Weight and dimensions  |         |  |
| Platform weight*   |         | 7550 kg  |
| Platform dimensions (length x width)                                 | lp / ep | 1.80 m x 0.76 m  |
| Floor height (access)  | h20     | 0.45 m   |
| Overall length   | l1      | 7.61 m   |
| Overall width  | b1      | 2.32 m   |
| Overall height   | h17     | 2.48 m   |
| Overall length (stowed)  | l9      | 5.43 m   |
| Overall height (stowed)  | h18 *** | 2.83 m   |
| Counterweight offset (turret at 90°)                                 | a7      | 0.40 m   |
| Counterweight Oversize / Reach                                       |         | 0.40 m   |
| External turning radius  | Wa3     | 3.75 m   |
| Ground clearance at centre of wheelbase                              | m2      | 0.40 m   |
| Wheelbase  | y       | 2.30 m   |
| Performances   |         |  |
| Drive speed - stowed   |         | 5.30 km/h  |
| Drive speed - raised   |         | 0.70 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)                             |         | 48   |
| Ground Pressure  |         | 10.50 dan/cm <sup>2</sup>  |
| Hydraulic Pressure   |         | 240 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"

# 180 ATJ e - Abaques

Load Chart for MEWP Metric



# 180 ATJ e - 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  
Basket 1,800 mm  
CAN bus technology  
Differential locking on rear axle  
Easy Link with 2 year Service  
Easy Manager  
Emergency stop button in platform and on frame  
Fully galvanized basket with demountable floor  
Hom in the platform  
Hour meter  
LED rotating beacon  
Large color screen on turret  
Leveling unlocking  
Load sensing pump  
Operator presence pedal  
Oscillating front axle  
Rear axle with limited slip differential  
Reserve mode  
Screen information in the basket  
Simplified lifting system without spreader bar  
Slinging and securing rings  
Steer and rotate  
Turret orientation information

## Optionnel

Audio warning on all motion - White noise  
Biodegradable hydraulic oil - Grade 32  
Biodegradable oil  
Bottom screen protection  
Continuous turret rotation  
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  
Galvanized basket 2,100 mm  
Galvanized basket 2.100 mm / 6'11" with lateral door  
Key lock on turret cover  
Lighting pack  
Locking the telescope by parameter setting  
OSS - Operation Safety System  
Personalized paintwork  
Safety kit - Harness + helmet  
Socket 230 V + differential circuit breaker  
Water heater  
Water predisposition



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