

Technical sheet :

# 180 ATJ E

OXYGEN



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HANDLING YOUR WORLD

| Capacities                              |         | Metric   |
|---|---------|--|
| Working height                          | h21     | 18.19 m  |
| Floor height (access)                   | h20     | 0.45 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  |
| 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  |
| 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                          |         |  |
| Engine norm                             |         | Stage V  |
| Battery voltage                         |         | 48 V   |
| Battery nominal voltage / capacity      |         | 48 V / 480 Ah  |
| Battery energy                          |         | 23 kWh   |
| Integrated charger / charger            |         | 48 V / 60 A  |
| Miscellaneous                           |         |  |
| Ground Pressure                         |         | 10.50 dan/cm2  |
| Hydraulic Pressure                      |         | 240 bar  |
| Hydraulic oil tank capacity             |         | 24 l   |
| 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 - Load chart



180 ATJ e - Dimensional drawing



# Equipment

| 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                                    |
| 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   |
|--|
| Beep on forward and backward by Lynx alarm               |
| 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                         |
| 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                                     |



**Head Office**

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)



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