

Technical sheet :

# 200 ATJ **E** 4WS

OXYGEN



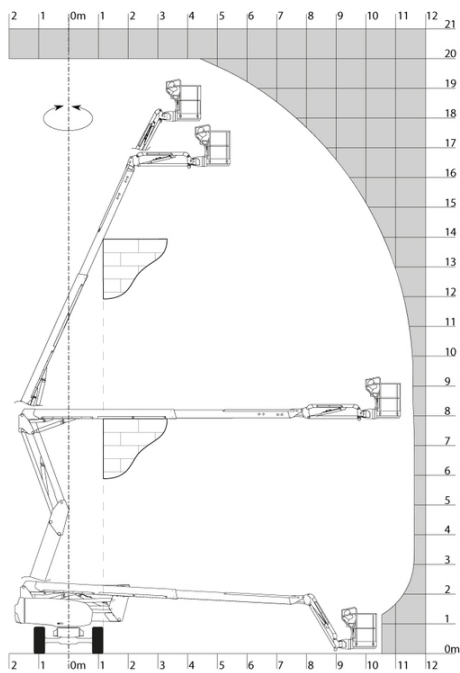
 **MANITOU**  
HANDLING YOUR WORLD

| Capacities                                            |         | Metric                                                                                                                              |
|-------------------------------------------------------|---------|-------------------------------------------------------------------------------------------------------------------------------------|
| Working height                                        | h21     | 20 m                                                                                                                                |
| Platform height                                       | h7      | 18 m                                                                                                                                |
| Maximum outreach                                      |         | 11.57 m                                                                                                                             |
| Overhang                                              |         | 7.91 m                                                                                                                              |
| Pendular arm rotation (top / bottom)                  |         | +65 ° / -60 °                                                                                                                       |
| 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*                                      |         | 7530 kg                                                                                                                             |
| Platform dimensions (length x width)                  | lp / ep | 2.10 m x 0.76 m                                                                                                                     |
| Floor height (access)                                 | h20     | 0.35 m                                                                                                                              |
| Overall length                                        | l1      | 8.34 m                                                                                                                              |
| Overall width                                         | b1      | 2.38 m                                                                                                                              |
| Overall height                                        | h17     | 2.46 m                                                                                                                              |
| Overall length (stowed)                               | l9      | 6.06 m                                                                                                                              |
| Overall height (stowed)                               | h18 *** | 2.74 m                                                                                                                              |
| Counterweight offset (turret at 90°)                  | a7      | 0.61 m                                                                                                                              |
| External turning radius                               | Wa3     | 3.78 m                                                                                                                              |
| Ground clearance at centre of wheelbase               | m2      | 0.38 m                                                                                                                              |
| Wheelbase                                             | y       | 2.30 m                                                                                                                              |
| Performances                                          |         |                                                                                                                                     |
| Drive speed - stowed                                  |         | 5.30 km/h                                                                                                                           |
| Drive speed - raised                                  |         | 0.65 km/h                                                                                                                           |
| Gradeability                                          |         | 40 %                                                                                                                                |
| Permissible leveling                                  |         | 4 °                                                                                                                                 |
| 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 / 460 Ah                                                                                                                       |
| Battery energy                                        |         | 22 kWh                                                                                                                              |
| On-board charger (V / A)                              |         | 48 V / 60 A                                                                                                                         |
| Miscellaneous                                         |         |                                                                                                                                     |
| Number of cycles with STD Battery (HIRD)              |         | 41                                                                                                                                  |
| Ground Pressure                                       |         | 11 daN/cm2                                                                                                                          |
| Hydraulic Pressure                                    |         | 240 bar                                                                                                                             |
| Hydraulic tank capacity                               |         | 24 l                                                                                                                                |
| Noise to environment (LwA)                            |         | < 70 dB                                                                                                                             |
| Vibration on hands/arms                               |         | < 0.62 m/s²                                                                                                                         |
| Body vibration in high speed in the platform (Aw max) |         | 0.62 m/s²                                                                                                                           |
| Standards compliance                                  |         |                                                                                                                                     |
| This machine is in compliance with:                   |         | European directives: 2006/42/EC- Machinery (revised EN280-1:2022) - 2004/108/EC (EMC) - EMC according to EN 12895 / 2015 +A1 / 2019 |

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

200 ATJ e 4WS - Load chart

Load Chart metric



200 ATJ e 4WS - 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                                                                                                               |
| Basket controls protection                                                                                                           |
| Battery reserve mode                                                                                                                 |
| CAN bus technology                                                                                                                   |
| Differential locking on rear axle                                                                                                    |
| Driver presence pedal                                                                                                                |
| Easy Link with 2 year Service                                                                                                        |
| Electrical pre-fitting - 230V                                                                                                        |
| Emergency stop button in platform and on frame                                                                                       |
| Flat Led Rotating Beacon                                                                                                             |
| Front axle with limited slip                                                                                                         |
| Galvanized basket - Width: 2100 mm (6 ft. 11 in.)                                                                                    |
| Hour meter                                                                                                                           |
| Integrated diagnostic assistance                                                                                                     |
| Large color screen on turret                                                                                                         |
| Lead acid batteries                                                                                                                  |
| Load sensing pump                                                                                                                    |
| Multi-voltage on-board charger - 48V - 60A                                                                                           |
| Oscillating front axle                                                                                                               |
| Screen information in the basket                                                                                                     |
| Secondary Protection System (SPS)                                                                                                    |
| Sliding and securing rings                                                                                                           |
| Toolbox                                                                                                                              |
| Travel possible at maximum height                                                                                                    |
| Turret orientation detection                                                                                                         |
| Optional                                                                                                                             |
| Antitheft digicode                                                                                                                   |
| Antitheft digicode                                                                                                                   |
| Audio warning on all motion                                                                                                          |
| Audio warning on translation                                                                                                         |
| Audio warning on translation - White noise                                                                                           |
| Biodegradable hydraulic oil - Grade 32                                                                                               |
| Charger plug - 110V - 16A - United Kingdom (G) type                                                                                  |
| Compressed air pipe pre-fitting                                                                                                      |
| Earthing and short-circuiting pre-fitting (Bolted ball)                                                                              |
| Easy Link - With access control keypad                                                                                               |
| Easy Link - With remote lock                                                                                                         |
| Electric central filling system                                                                                                      |
| Front metallic wheels + Rear metallic wheels                                                                                         |
| Galvanized basket - Width: 1800 mm (5 ft. 11 in.)                                                                                    |
| Galvanized basket - Width: 1800 mm (5 ft. 11 in.) + Side swing gate                                                                  |
| Galvanized basket - Width: 2100 mm (6 ft. 11 in.) + Side swing gate                                                                  |
| Hydraulic oil pre-heater                                                                                                             |
| Key lock on turret cover                                                                                                             |
| LED amber strobe light on the basket                                                                                                 |
| LED work light - On basket                                                                                                           |
| Lighting pack                                                                                                                        |
| OSS - Operation Safety System                                                                                                        |
| Operation Safety System (OSS) + SafeAlert - Front radar - With obstacle detection + SafeAlert - Rear radar - With obstacle detection |
| Personalized paintwork                                                                                                               |
| Safety kit - Helmet and harness                                                                                                      |
| Setting to block the telescope                                                                                                       |
| Water pre-fitting                                                                                                                    |



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