

Technical sheet :

200 ATJ **E** 4WS

OXYGEN



 **MANITOU**
HANDLING YOUR WORLD

| Capacities | | Metric |
|---|---------|--|
| Working height | h21 | 20 m |
| Floor height (access) | h20 | 0.45 m |
| Platform height | h7 | 18 m |
| Max. 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 |
| 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 |
| 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 / 460 Ah |
| Battery energy | | 22 kWh |
| Integrated charger / charger | | 48 V / 60 A |
| Miscellaneous | | |
| Ground Pressure | | 11 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

200 ATJ e 4WS - Load chart

Load Chart metric



200 ATJ e 4WS - Dimensional drawing



Equipment

| Standard |
|---|
| 230V Predisposition |
| 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 |
| Dead man pedal |
| Differential locking on rear axle |
| Easy Manager |
| Emergency stop button in platform and on frame |
| Flat Led Rotating Beacon |
| Foam filled tyres |
| Integrated diagnostic assistance |
| Large color screen on turret |
| Lead acid batteries |
| Multi-voltage integrated charger |
| Multi-voltage integrated charger Zivan 48V /60 A |
| Oscillating front axle |
| Protective cover for control panel |
| Screen information in the basket |
| Secondary Protection System (SPS) |
| Tool box in platform |
| Travel possible at maximum height |
| Two electric motors of 8.5kW and 16kW |

| Optional |
|--|
| 110 or 230V plug with differential circuit breaker |
| Biodegradable oil |
| Coded anti-start |
| Continuous turret rotation |
| Electric centralized filling |
| Fully galvanized basket 1800mm / 5'11" with lateral door |
| Galvanized basket 1,800 mm |
| Key lock on turret cover |
| Lighting pack |
| Non-marking tyres |
| OSS - Obstacle Detection |
| OSS - Operation Safety System |
| Safety kit - Harness + helmet |
| Water predisposition |



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