

Technical sheet :

160 ATJ+ E

OXYGEN



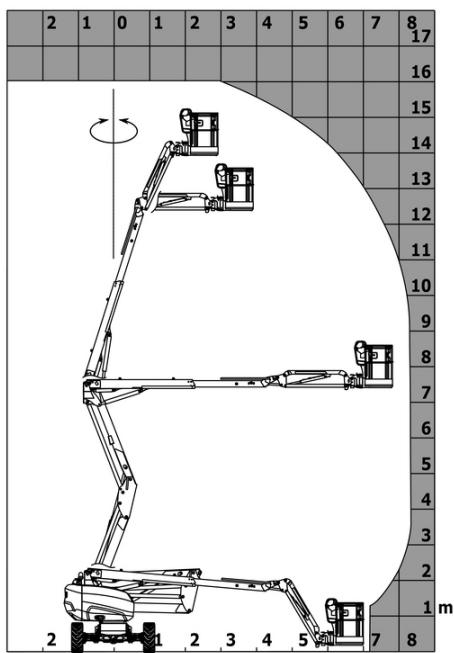
 **MANITOU**
HANDLING YOUR WORLD

| Capacities | | Metric | |
|--|---------------------|---|--|
| Working height | h21 | 16.22 m | |
| Platform height | h7 | 14.26 m | |
| Maximum outreach | | 8.34 m | |
| Overhang | | 7.44 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 | | Metric | |
| Platform weight* | | 7790 kg | |
| Platform dimensions (length x width) | l _p / ep | 2.30 m x 0.90 m | |
| Floor height (access) | h20 | 0.42 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 | 0.39 m | |
| Wheelbase | y | 2.30 m | |
| Performances | | Metric | |
| Drive speed - stowed | | 5.30 km/h | |
| Drive speed - raised | | 0.70 km/h | |
| Gradeability | | 45 % | |
| Permissible leveling | | 5 ° | |
| Wheels | | Metric | |
| 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 | | Metric | |
| 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 | | Metric | |
| Number of cycles with STD Battery (HIRD) | | 50 | |
| Hydraulic Pressure | | 250 bar | |
| Hydraulic tank capacity | | 24 l | |
| Noise to environment (L _{WA}) | | 70 dB | |
| Vibration on hands/arms | | 2.50 m/s ² | |
| Standards compliance | | Metric | |
| 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 | |

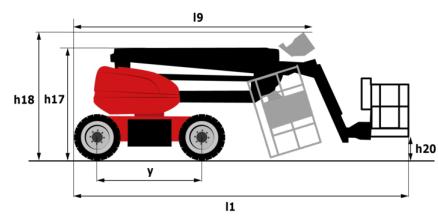
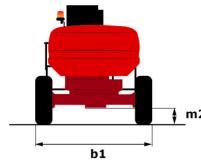
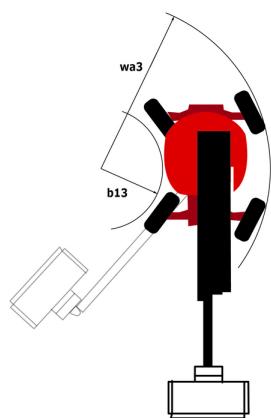
*Varies according to options and standards of the country to which the machine is delivered
 ** According to "REDUCE cycle"

160 ATJ+ e - Load chart

Load Chart for MEWP Metric



160 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
- CAN bus technology
- Dead man pedal
- Differential locking on rear axle
- Easy Link with 2 year Service
- Emergency stop button in platform and on frame
- Front axle with limited slip
- Horn in the platform
- Hour meter
- Integrated diagnostic assistance
- LED rotating beacon
- Large color screen on turret
- Lead acid batteries
- Load sensing pump
- Oscillating front axle
- Painted basket - For heavy loads - Width: 2300 mm (7 ft. 7 in.)
- Reserve mode
- Screen information in the basket
- Secondary Protection System (SPS)
- Simplified lifting system without spreader bar
- Slinging and securing rings
- Steer and rotate
- Tool box in platform
- Turret orientation information

Optional

- 110 or 230V plug with differential circuit breaker
- Additional tool boxes (X2)
- Audio warning on all motion
- Audio warning on all motion - White noise
- Audio warning on translation
- Audio warning on translation - White noise
- Biodegradable hydraulic oil - Grade 32
- 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
- Hydraulic oil heater
- Iron wheel package
- Key lock on turret covers
- LED amber strobe light on the basket
- LED work light - On basket
- Lighting pack
- Locking the telescope by parameter setting
- OSS - Obstacle Detection
- OSS - Operation Safety System
- Painted basket 2.30 m / 7ft 7in for heavy load with lateral door
- Painted basket for heavy loads 2,300 mm (7ft 7 in.)
- Painted narrow basket for heavy loads 1800mm (5 ft 11 in.)
- Panel support kit
- Personalized paintwork
- Safety kit - Harness + helmet
- Tube support kit
- Water predisposition


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