

Technical sheet :

# 150 AETJ-C

OXYGEN  
by MANITOU



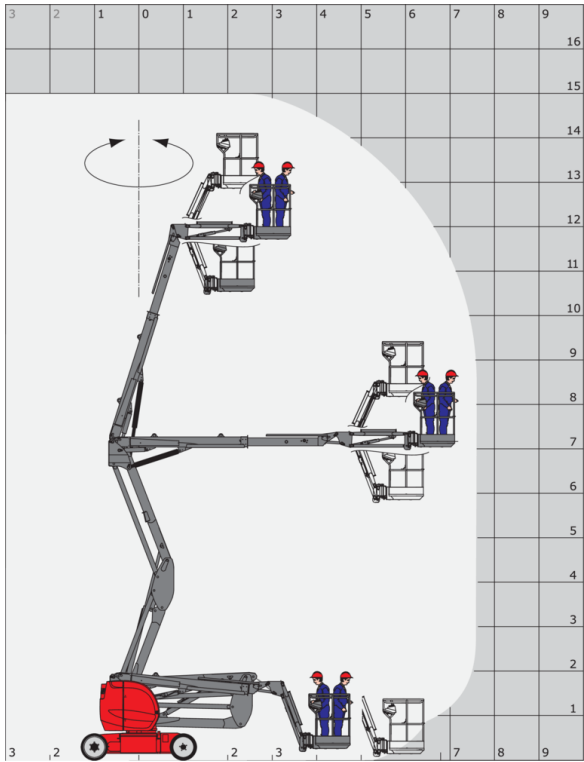
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| Capacities                               |         | Metric                                                                                                         |
|------------------------------------------|---------|----------------------------------------------------------------------------------------------------------------|
| Working height                           | h21     | 15 m                                                                                                           |
| Floor height (access)                    | h20     | 0.40 m                                                                                                         |
| Platform height                          | h7      | 12.98 m                                                                                                        |
| Max. outreach                            |         | 7.60 m                                                                                                         |
| Overhang                                 |         | 7.07 m                                                                                                         |
| Pendular arm rotation (top / bottom)     |         | +65 ° / -65 °                                                                                                  |
| Platform capacity                        | Q       | 200 kg                                                                                                         |
| Turret rotation                          |         | 355 °                                                                                                          |
| Platform rotation (right / left)         |         | 66 ° / 59 °                                                                                                    |
| Number of people (indoor / outdoor)      |         | 2 / 2                                                                                                          |
| Weight and dimensions                    |         |                                                                                                                |
| Platform weight*                         |         | 6700 kg                                                                                                        |
| Platform dimensions (length x width)     | lp / ep | 1.20 m x 0.92 m                                                                                                |
| Overall length                           | l1      | 6.05 m                                                                                                         |
| Overall width                            | b1      | 1.50 m                                                                                                         |
| Overall height                           | h17     | 1.97 m                                                                                                         |
| Overall length (stowed)                  | l9      | 4.40 m                                                                                                         |
| Overall height (stowed)                  | h18     | 2.08 m                                                                                                         |
| Jib length                               | l13     | 1.26 m                                                                                                         |
| Counterweight offset (turret at 90°)     | a7      | 0.12 m                                                                                                         |
| Counterweight Oversize / Reach           |         | 0.12 m                                                                                                         |
| External turning radius                  | Wa3     | 3.96 m                                                                                                         |
| Ground clearance at centre of wheelbase  | m2      | 0.14 m                                                                                                         |
| Wheelbase                                | y       | 2 m                                                                                                            |
| Performances                             |         |                                                                                                                |
| Drive speed - stowed                     |         | 5 km/h                                                                                                         |
| Drive speed - raised                     |         | 0.60 km/h                                                                                                      |
| Gradeability                             |         | 22 %                                                                                                           |
| Permissible leveling                     |         | 3 °                                                                                                            |
| Wheels                                   |         |                                                                                                                |
| Tires type                               |         | Solid non-marking tires                                                                                        |
| Standard tires                           |         | 24 x 7.5 in / 600 x 190 mm                                                                                     |
| Drive wheels (front / rear)              |         | 0 / 2                                                                                                          |
| Steering wheels (front / rear)           |         | 2 / 0                                                                                                          |
| Braking wheels (front / rear)            |         | 0 / 2                                                                                                          |
| Engine/Battery                           |         |                                                                                                                |
| Battery nominal voltage / capacity       |         | 48 V / 240 Ah                                                                                                  |
| Battery energy                           |         | 11 kWh                                                                                                         |
| On-board charger (V / A)                 |         | 48 V / 30 A                                                                                                    |
| Miscellaneous                            |         |                                                                                                                |
| Number of cycles with STD Battery (HIRD) |         | 46                                                                                                             |
| Ground Pressure                          |         | 13.50 dan/cm2                                                                                                  |
| Hydraulic Pressure                       |         | 210 bar                                                                                                        |
| Hydraulic tank capacity                  |         | 15 l                                                                                                           |
| Noise to environment (LWA)               |         | < 70 dB                                                                                                        |
| Vibration on hands/arms                  |         | < 0.52 m/s²                                                                                                    |
| 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) |

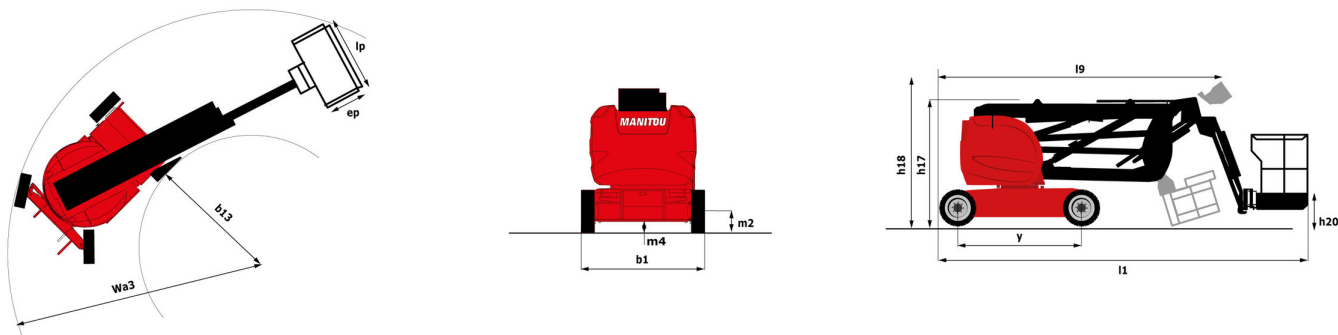
\*Varies according to options and standards of the country to which the machine is delivered

150 AETJ-C - Load chart

Load Chart metric



150 AETJ-C - Dimensional drawing



# Equipment

| Standard                                                                    |
|-----------------------------------------------------------------------------|
| 230V Predisposition                                                         |
| Audible alarm and illuminated indicator lamp (leveling, overload, lowering) |
| Battery charge indicator lamp                                               |
| CAN bus technology                                                          |
| Easy Manager                                                                |
| Emergency stop button in platform and on frame                              |
| Hom in the platform                                                         |
| Hour meter                                                                  |
| Integrated diagnostic assistance                                            |
| Manual emergency lowering                                                   |
| Multi-voltage integrated charger                                            |
| Negative-type braking on rear wheels                                        |
| Non-marking rubber tyres                                                    |
| Pendular arm                                                                |
| Platform with open-work floor                                               |
| Proportional controls                                                       |
| Slinging and securing rings                                                 |
| Tool box in platform                                                        |
| Traction battery                                                            |
| Travel possible at maximum height                                           |

| Optional                                           |
|----------------------------------------------------|
| 110 or 230V plug with differential circuit breaker |
| 3D                                                 |
| Biodegradable oil                                  |
| Cold weather protection oil                        |
| Highly capacity battery                            |
| Lights                                             |
| Maintenance-free battery                           |
| Personalized paintwork                             |
| Protective cover for control panel                 |
| SMS : Safe Man System                              |
| Safety harness                                     |
| Water predisposition                               |
| Working headlight in platform                      |



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