Technical sheet :

# **160 ATJ+**



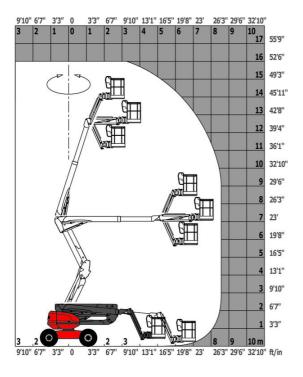


|  | <b>160 ATJ+</b> Crea | ted on 3 May 2024 at 1:54:18 PM L  |
|--|----------------------|--|
| Capacities                             |                      | Metric   |
| Vorking height                         | h21                  | 16.21 m  |
| loor height (access)                   | h20                  | 0.38 m   |
| atform height                          | h7                   | 14.21 m  |
| ax. outreach                           |                      | 8.52 m   |
| verhang                                |                      | 7.59 m   |
| endular arm rotation (top / bottom)    |                      | +66.50 ° / -65.80 °  |
| atform capacity                        | 0                    | 408 kg   |
| urret rotation                         |                      | 350 °  |
| atform rotation (right / left)         |                      | 90 ° / 90 °  |
| umber of people (indoor)               |                      | 3/3  |
| /eight and dimensions                  |                      |  |
| latform weight*                        |                      | 7500 kg  |
| atform dimensions (length x width)     | lp / ep              | 2.30 m x 0.90 m  |
| verall length                          | l1                   | 7.09 m   |
| verall width                           | b1                   | 2.45 m   |
| verall height                          | h17                  | 2.45 m   |
| verall length (stowed)                 | 9                    | 4.89 m   |
| verall height (stowed)                 | h18                  | 2.94 m   |
| ounterweight offset (turret at 90°)    | a7                   | 0.15 m   |
| ,                                      |                      |  |
| xternal turning radius                 | Wa3                  | 4.09 m   |
| round clearance at centre of wheelbase | m2                   | 0.40 m   |
| /heelbase                              | у                    | 2.20 m   |
| erformances                            |                      | <b>5</b> 1 4   |
| rive speed - stowed                    |                      | 5 km/h   |
| rive speed - raised                    |                      | 1 km/h   |
| radeability                            |                      | 45 %   |
| ermissible leveling                    |                      | 5 °  |
| heels                                  |                      |  |
| res type                               |                      | Foam-filled  |
| andard tires                           |                      | 914 x 370 mm   |
| rive wheels (front / rear)             |                      | 2/2  |
| eering wheels (front / rear)           |                      | 2/2  |
| raking wheels (front / rear)           |                      | 0 / 2  |
| ngine/Battery                          |                      |  |
| ngine brand / model                    |                      | Kubota - D1105-E4B   |
| ngine norm                             |                      | Stage V  |
| C. Engine power rating / Power         |                      | 24.80 Hp / 18.50 kW  |
| liscellaneous                          |                      |  |
| round Pressure                         |                      | 11.50 dan/cm2  |
| ydraulic Pressure                      |                      | 340 bar  |
| /draulic tank capacity                 |                      | 53 I   |
| uel tank                               |                      | 51   |
| oise to environment (LwA)              |                      | < 105 dB   |
| bration on hands/arms                  |                      | < 0.50 m/s²  |
| aily consumption **                    |                      | 71   |
| tandards compliance                    |                      |  |
| his machine is in compliance with:     |                      | European directives: 2006/42/EC- Machinery<br>(revised EN280:2013) - 2004/108/EC (EMC) -<br>2006/95/EC (Low voltage) |

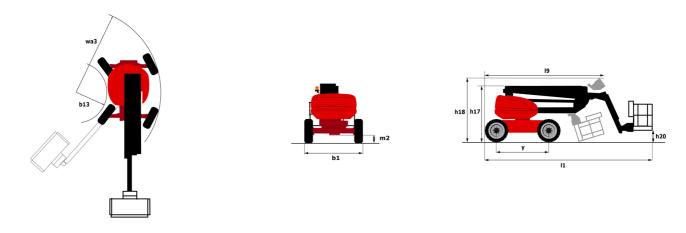
\*Varies according to options and standards of the country to which the machine is delivered \*\* According to "REDUCE cycle"  $\,$ 

### 160 ATJ+ - Load chart

#### Load Chart for MEWP Metric



160 ATJ+ - 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  |
| Connected machine   |
| Dead man pedal  |
| Differential locking on rear axle   |
| Easy fast slinging system   |
| Front axle with limited slip  |
| Fuel gauge with low level indicator   |
| Hom in the platform   |
| Hour meter  |
| Integrated diagnostic assistance  |
| LED rotating beacon   |
| Large basket with three entries   |
| Large color screen on turret  |
| Leveling unlocking  |
| Management via engine speed bearing   |
| Oscillating front axle  |
| Stop & Go system  |

#### Optional

| 230V socket with circuit-breaker on boom head |
|---|
| Additional storage boxes                      |
| Battery blanket                               |
| Battery charger automatic start               |
| Biodegradable hydraulic oil - Grade 32        |
| Coded anti-start                              |
| Continuous turret rotation                    |
| Fuel tank locking cap                         |
| Highly capacity battery                       |
| Hydraulic oil heater                          |
| Key lock on turret cover                      |
| Large basket 2.30m with lateral door          |
| Lockable fuel cap                             |
| Narrow basket 1.80m                           |
| Non-marking tyres                             |
| On-board generator (3,5 or 5 kW)              |
| Panel cradle                                  |
| Personalized paintwork                        |
| Pipe cradle                                   |
| Protection screen and key lock turret         |
| Safety kit - Hamess + helmet                  |
| Safety valve                                  |
| Secondary Protection System (SPS)             |
| Socket 230 V + differential circuit breaker   |
| Spark arresting muffer                        |
| Water heater                                  |
| Water predisposition                          |
| Working light                                 |



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



This publication provides a description of the configuration versions and options for Manitou products, which may differ for equipment. The equipment presented in this brochure may be part of a series, as an option, or it may not be available, depending on the versions. Manitou reserves the right, at any time and without notice, to amend the specifications described and represented. The specifications provided do not bind the manufacturer. For more details, please contact your Manitou agent. This is not a contractually binding document. The presentation of the products is not contractually binding. List of specifications non-exhaustive. The logos as well as the visual identity of the company are owned by Manitou and cannot be used without authorisation. All rights reserved. The photos and diagrams contained in this brochure are only provided for consultation and information purposes.

MANITOU BF SA - Limited company with board of directors - Share capital: 39,668,399 euros - 857 802 508 RCS Nantes