

Fiche technique :

# 160 ATJ+



 **MANITOU**  
HANDLING YOUR WORLD

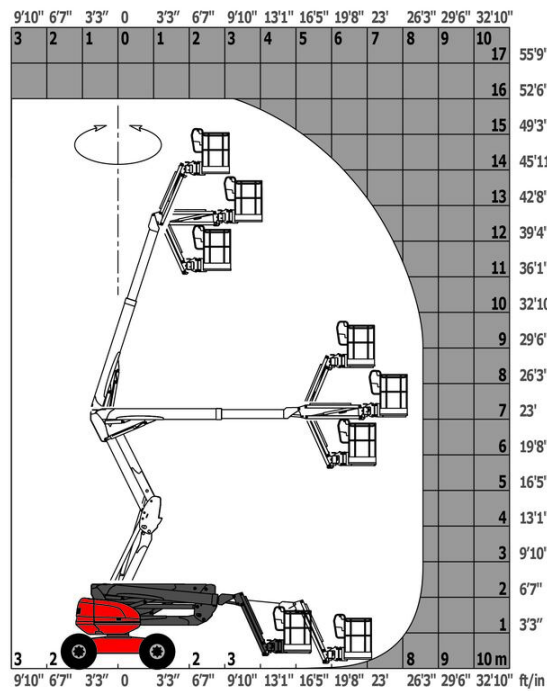
| Capacities                              |         | Métrique                                                                                                       |
|-----------------------------------------|---------|----------------------------------------------------------------------------------------------------------------|
| Working height                          | h21     | 16.21 m                                                                                                        |
| Floor height (access)                   | h20     | 0.38 m                                                                                                         |
| Platform height                         | h7      | 14.21 m                                                                                                        |
| Max. outreach                           |         | 8.52 m                                                                                                         |
| Overhang                                |         | 7.59 m                                                                                                         |
| 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                   |         |                                                                                                                |
| Platform weight*                        |         | 7500 kg                                                                                                        |
| Platform dimensions (length x width)    | lp / ep | 2.30 m x 0.90 m                                                                                                |
| Overall length                          | l1      | 7.09 m                                                                                                         |
| Overall width                           | b1      | 2.45 m                                                                                                         |
| Overall height                          | h17     | 2.47 m                                                                                                         |
| Overall length (stowed)                 | l9      | 4.89 m                                                                                                         |
| Overall height (stowed)                 | h18     | 2.94 m                                                                                                         |
| Counterweight offset (turret at 90°)    | a7      | 0.15 m                                                                                                         |
| External turning radius                 | Wa3     | 4.09 m                                                                                                         |
| Ground clearance at centre of wheelbase | m2      | 0.40 m                                                                                                         |
| Wheelbase                               | y       | 2.20 m                                                                                                         |
| Performances                            |         |                                                                                                                |
| Drive speed - stowed                    |         | 5 km/h                                                                                                         |
| Drive speed - raised                    |         | 1 km/h                                                                                                         |
| Gradeability                            |         | 45 %                                                                                                           |
| Permissible leveling                    |         | 5 °                                                                                                            |
| 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                          |         |                                                                                                                |
| Engine brand / model                    |         | Kubota - D1105-E4B                                                                                             |
| Engine nom                              |         | Stage V                                                                                                        |
| I.C. Engine power rating / Power        |         | 24.80 Hp / 18.50 kW                                                                                            |
| Miscellaneous                           |         |                                                                                                                |
| Ground Pressure                         |         | 11.50 dan/cm2                                                                                                  |
| Hydraulic Pressure                      |         | 340 bar                                                                                                        |
| Hydraulic oil tank capacity             |         | 53 l                                                                                                           |
| Fuel tank                               |         | 51 l                                                                                                           |
| Noise to environment (LWA)              |         | < 105 dB                                                                                                       |
| Vibration on hands/arms                 |         | < 0.50 m/s²                                                                                                    |
| Daily consumption **                    |         | 7 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

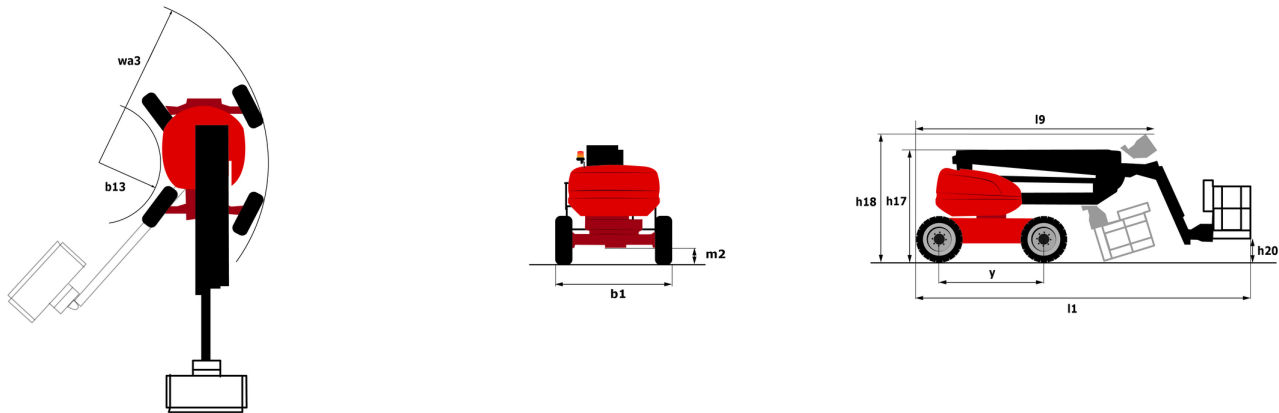
\*\* According to "REDUCE cycle"

160 ATJ+ - Abaques

Load Chart for MEWP Metric



160 ATJ+ - Schémas d'encombrement



# Équipements

| 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                                                            |

| Optionnel                                     |
|-----------------------------------------------|
| 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 - Harness + helmet                 |
| Safety valve                                  |
| Secondary Protection System (SPS)             |
| Socket 230 V + differential circuit breaker   |
| Spark arresting muffler                       |
| Water heater                                  |
| Water predisposition                          |
| Working light                                 |



**Siège Social**

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](http://www.manitou.com)



Cette publication présente le descriptif des versions et possibilités de configuration des produits Manitou qui peuvent différer en équipement. Les équipements présentés dans cette brochure peuvent être de série, en option, ou non disponibles suivant les versions. Manitou se réserve le droit, à tout moment et sans préavis, de modifier les spécifications décrites et représentées. Les spécifications portées n'engagent pas le constructeur. Pour plus de détails, contactez votre concessionnaire Manitou. Document non contractuel. Présentation des produits non contractuelle. Liste des spécifications non exhaustive. Les logos ainsi que l'identité visuelle de l'entreprise sont la propriété de Manitou et ne peuvent être utilisés sans autorisation. Tous droits réservés. Les photos et schémas contenus dans la présente brochure ne sont fournis qu'à des fins de consultation et à titre indicatif.

Manitou BF SA - Société anonyme à conseil d'administration - Capital social : 39 668 399 euros - 857 802 508 RCS Nantes