

Technical sheet :

120 SE S3

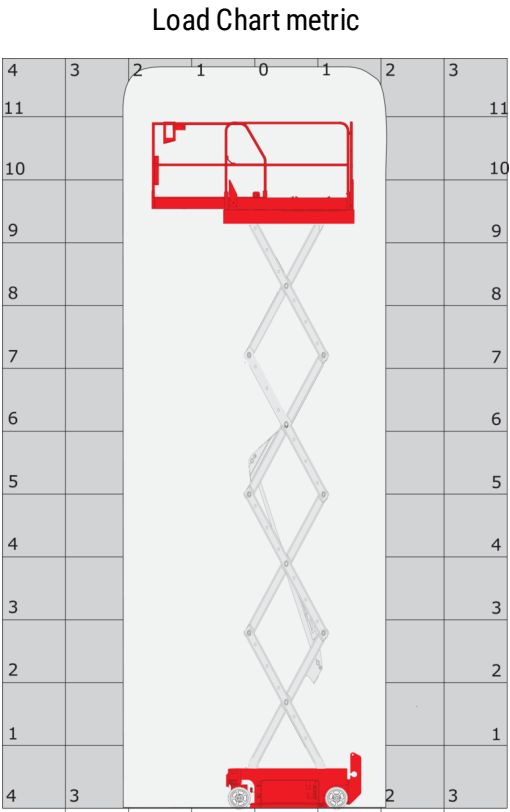


 **MANITOU**
HANDLING YOUR WORLD

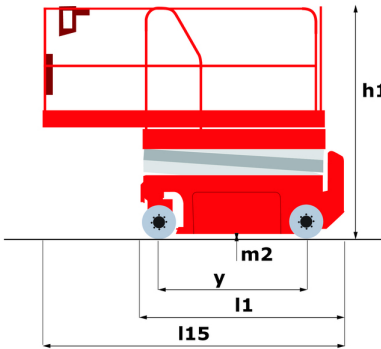
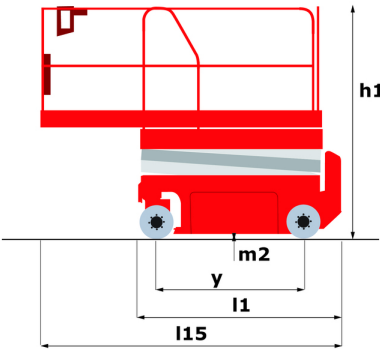
| Capacities | | Metric |
|---|---------|--|
| Working height maximum (indoor) | h21 | 11.78 m |
| Working height maximum (outdoor) | h21' | 8.71 m |
| Platform height maximum (indoor) | h7 | 9.78 m |
| Platform height maximum (outdoor) | h7' | 6.71 m |
| Platform capacity | Q | 318 kg |
| Max. capacity on the extension deck | | 113 kg |
| Number of people (indoor / outdoor) | | 2 / 1 |
| Weight and dimensions | | |
| Platform weight* | | 2367 kg |
| Platform dimensions (length x width) | lp / ep | 2.26 m x 1.16 m |
| Platform dimensions with extension (length x width) | | 3.18 m x 1.16 m |
| Overall length | l1 | 2.44 m |
| Overall width | b1 | 1.16 m |
| Overall height | h17 | 2.43 m |
| Overall height (stowed) | h18 | 1.82 m |
| Internal turning radius / External turning radius | Wa3 | 0 mm/2.29 m |
| Ground clearance with pothole guards deployed | m6 | 0.02 m |
| Ground clearance at centre of wheelbase | m2 | 0.12 m |
| Wheelbase | y | 1.85 m |
| Performances | | |
| Drive speed - stowed | | 3 km/h |
| Drive speed - raised | | 0.80 km/h |
| Raise speed (laden) / Lower speed (laden) | | 53 s / 34 s |
| Gradeability | | 25 % |
| Permissible leveling (front / side) | | 3 ° / 1.50 ° |
| Wheels | | |
| Tires type | | Non marking |
| Standard tires | | 380 x 130 mm |
| Drive wheels (front / rear) | | 2 / 0 |
| Steering wheels (front / rear) | | 2 / 0 |
| Braking wheels (front / rear) | | 2 / 0 |
| Engine/Battery | | |
| Battery voltage | | 6 V |
| Battery capacity | | 210 Ah |
| Battery energy | | 1 kWh |
| Integrated charger / charger | | 24 V / 20 A |
| Miscellaneous | | |
| Ground Pressure | | 10.26 dan/cm2 |
| Hydraulic tank capacity | | 16.10 l |
| Noise to environment (LwA) | | < 70 dB |
| Vibration on hands/arms | | < 2.50 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

120 SE S3 - Load chart



120 SE S3 - Dimensional drawing



Equipment

| Standard |
|---|
| 2 flashing LED beacons |
| 2 swing out component trays (hydraulic/electric) |
| 220V predisposition in the platform |
| Anti-slip platform surface |
| Audible alarm and illuminated indicator lamp (leveling, overload, lowering) |
| Battery charge indicator lamp |
| CAN bus technology |
| Descent alarm |
| Emergency stop |
| Emergency stop button in platform and on frame |
| Folding rails |
| Hom in the platform |
| Hour meter |
| Integrated diagnostic assistance |
| Load management according to environment (indoor/outdoor) |
| Manual emergency lowering |
| Multi-voltage integrated charger |
| Non-marking rubber tyres |
| Platform access gate |
| Pothole protection with automatic operation |
| Side and rear forklift pockets |

| Optional |
|-----------------------------|
| Biodegradable oil |
| Cold weather protection oil |
| Safety harness |



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