

Technical sheet :

120 SE S3



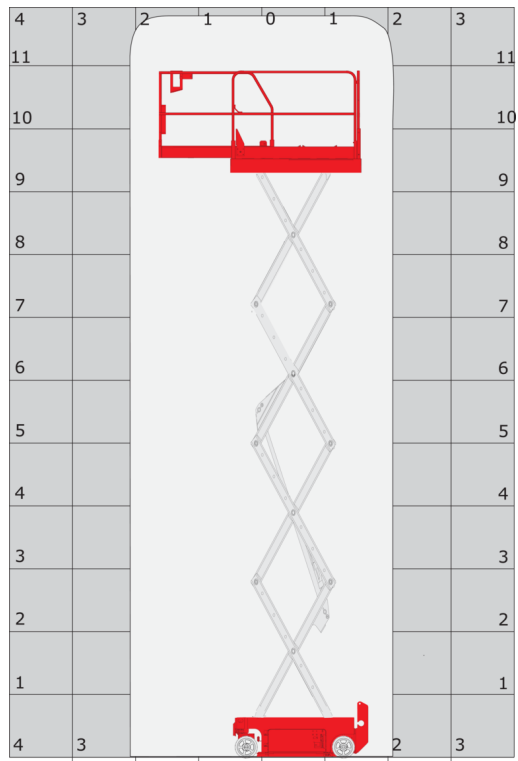
 **MANITOU**
HANDLING YOUR WORLD

| Capacities | | Metric |
|--|---------|--|
| Working height | h21 | 11.78 m |
| 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 | 1.18 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 with pothole guards folded | m2 | 0.12 m |
| Ground clearance at centre of wheelbase | m2 | 0.12 m |
| Wheelbase | y | 1.85 m |
| Performances | | |
| Drive speed - stowed | | 4 km/h |
| Drive speed - raised | | 0.80 km/h |
| Raise speed (laden) / Lower speed (laden) | | 53 s / 34 s |
| Gradeability | | 25 % |
| Indoor and outdoor max Tilt Rating (Fore and Aft / Side-to-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 | | 225 Ah |
| Battery energy | | 5 kWh |
| On-board charger (V / A) | | 24 V / 20 A |
| Miscellaneous | | |
| Ground Pressure | | 10.26 dan/cm2 |
| Hydraulic tank capacity | | 15.10 l |
| Noise to environment (LwA) | | < 70 dB |
| Vibration on hands/arms | | < 0.50 m/s ² |
| 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) |

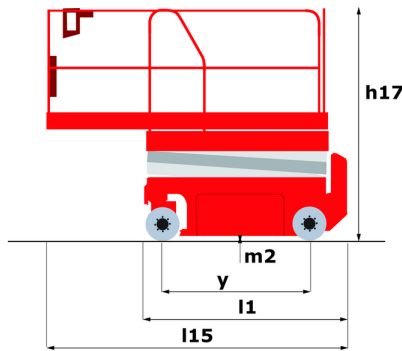
*Varies according to options and standards of the country to which the machine is delivered

120 SE S3 - Load chart

Load Chart metric



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