

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/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 |



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