Technical sheet :

120 SE S3



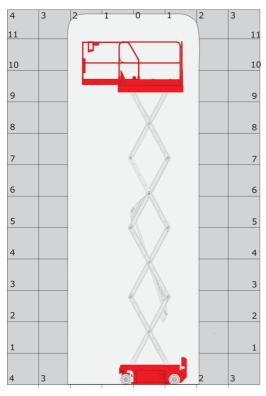


	120 SE S3 Created on 4 May 2024	at 15:17:16 UT	
Capacities	Metric		
Working height maximum (indoor)	h21 11.78 m		
Working height maximum (outdoor)	h21' 8.71 m		
Platform height maximum (indoor)	h7 9.78 m		
Platform height maximum (outdoor)	h7' 6.71 m		
Platform capacity	Q 318 kg		
Max. capacity on the 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		
Overall length	l1 2.44 m		
Overall width	b1 1.16 m		
Overall height	h17 2.43 m		
-	h18 1.82 m		
Overall height (stowed)	Wa3 0 mm/2.29 m		
Internal turning radius / External turning radius	m6 0.02 m		
Ground clearance with pothole guards deployed	m2 0.12 m		
Ground clearance at centre of wheelbase			
Wheelbase Performances	y 1.85 m		
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 %		
•	25 % 3 ° / 1.50 °		
Permissible leveling (front / side)	3 / 1.30		
Wheels The tree	Non marking		
Tires type Standard tires	Non marking		
	380 x 130 mn	1	
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/cm	2	
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:	(revised EN280:2013) - 2004	European directives: 2006/42/EC- Machinery (revised EN280:2013) - 2004/108/EC (EMC) - 2006/95/EC (Low voltage)	

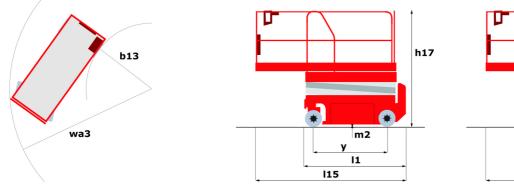
 $\mbox{*Varies}$ according to options and standards of the country to which the machine is delivered

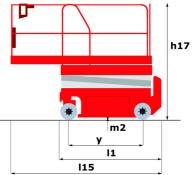
120 SE S3 - Load chart

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 Horn 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