Technical sheet:

120 SE S3



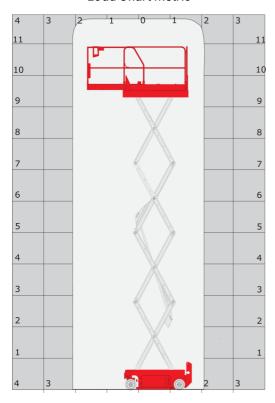


	120 SE 53	120 SE S3 Created on 2 May 2024 at 4:24:29 AM UTC	
Capacities		Metric	
Working height maximum (indoor)	h21	11.78 m	
Working height maximum (outdoor)	h21'	8.71 m	
Platform height maximum (indoor)	h7	9.78 m	
Platform height maximum (outdoor)	h7'	6.71 m	
Platform capacity	Q	318 kg	
Max. capacity 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	V	1.85 m	
Performances	,	1100 111	
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		3 / 1.30	
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		270	
Battery voltage		6 V	
, -		210 Ah	
Battery capacity		1 kWh	
Battery energy Integrated charger / charger		24 V / 20 A	
Miscellaneous		24 V / 20 A	
Ground Pressure		10.26 dan/cm2	
Hydraulic tank capacity		10.26 dan/cm2 16.10 l	
		< 70 dB	
Noise to environment (LwA)			
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)	

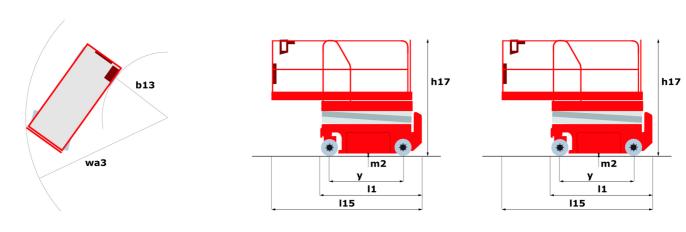
^{*}Varies according to options and standards of the country to which the machine is delivered

120 SE S3 - Load chart

Load Chart metric



120 SE S3 - Dimensional drawing



Equipment

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