

Technical sheet :

# **100 SEC**

---

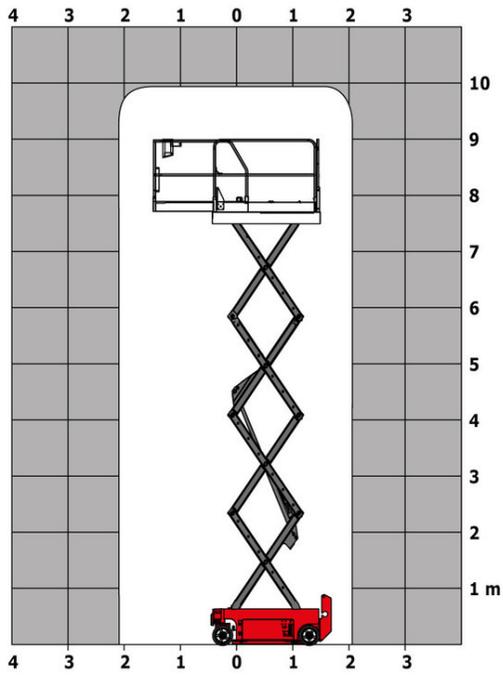


Capacities		Metric
Working height	h21	9.93 m
Platform height	h7	7.93 m
Platform capacity	Q	227 kg
Lift capacity - Extension deck		113 kg
Number of people (inside / outside)		2 / 0
Weight and dimensions		
Platform weight*		1959 kg
Platform dimensions (length x width)	lp / ep	2.26 m x 0.80 m
Platform dimensions with extension (length x width)		3.18 m x 0.80 m
Overall width	b1	0.81 m
Overall length	l1	2.44 m
Overall height	h17	2.26 m
Overall length (stowed)	l9	2.44 m
Overall height (stowed)	h18	1.91 m
Overall length with platform extension	l15	3.33 m
Internal turning radius (over tyres)	b13	0 m
External turning radius	Wa3	2.13 m
Ground clearance with pothole guards deployed	m6	0.02 m
Ground clearance at centre of wheelbase	m2	0.09 m
Wheelbase	y	1.85 m
Performances		
Drive speed - stowed		3.50 km/h
Drive speed - raised		0.80 km/h
Raise speed / Lower speed		28 s / 24 s
Gradeability		25 %
Permissible leveling		3 °
Permissible leveling (side)		1.50 °
Wheels		
Tyres type		Tyres Type Non Marking
Dimensions of front wheels / rear wheels		0,38x0,13m - 0,38x0,13m
Drive wheels (front / rear)		2 / 0
Steering wheels (front / rear)		2 / 0
Braking wheels (front / rear)		2 / 2
Engine/Battery		
Electric Pump		3 kW
Battery / Batteries capacity		6 V / 225 Ah
Integrated charger (V / A)		24 V / 20 A
Miscellaneous		
Hydraulic tank capacity		17 l
Sound level at platform		79 dB
Noise to environment (LwA)		< 70 dB
Vibration on hands/arms		< 2.50 m/s <sup>2</sup>
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)

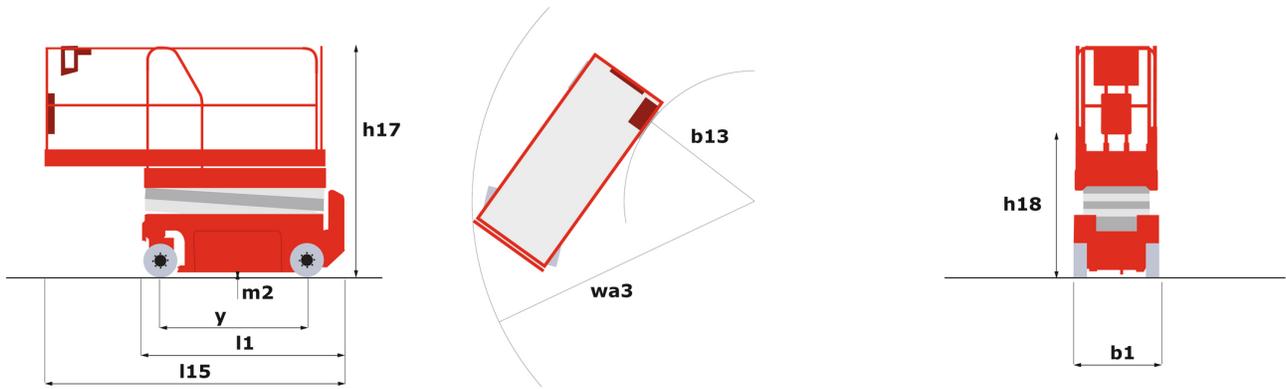
\*Varies according to options and standards of the country to which the machine is delivered

# 100 SEC - Load chart

## Load Chart metric



# 100 SEC - Dimensional drawing



# Equipment

---

## Standard

220V predisposition in the platform

Anti-overtuming bar with automatic operation

Anti-slip step

Audible alarm and illuminated indicator lamp (leveling, overload, lowering)

Battery charge indicator lamp

CAN bus technology

Dynamic hydraulic braking on front wheels

Emergency stop button in platform and on frame

Folding rails with half height swing gate

Hom in the platform

Hour meter

Integrated charger

Integrated diagnostic assistance

Manual emergency lowering

Multi-voltage integrated charger

Non-marking rubber tyres

Platform access gate

Pothole protection with automatic operation

Rear wheel multiple disc brakes

Swing out component trays

## Optional

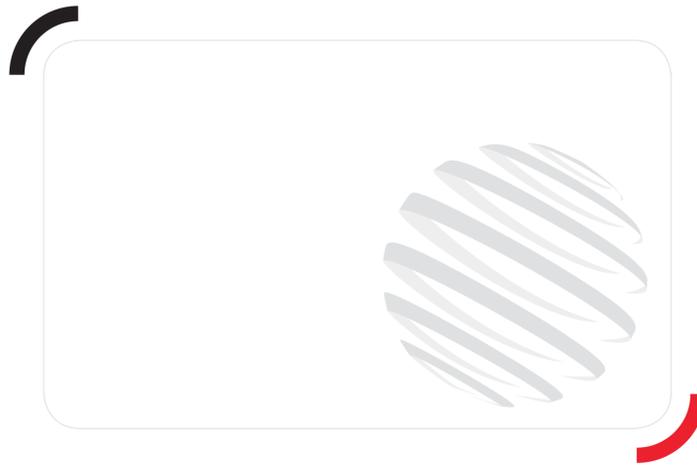
Air predisposition

Beep on every movement

Biodegradable oil

Platform power supply (plug + differential circuit breaker)

Safety harness



Siège Social

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](http://www.manitou.com)



This brochure describes versions and configuration options for Manitou products which may be fitted with different equipment. The equipment described in this brochure may be standard, optional or not available depending on version. Manitou reserves the right to change the specifications shown and described at any time and without prior warning. The manufacturer is not liable for the specifications given. For more information, contact your Manitou dealer. Non-contractual document. Product descriptions may differ from actual products. List of specifications is not comprehensive. The logos and visual identity of the company are the property of Manitou and may not be used without authorisation. All rights reserved. The photos and diagrams contained in this brochure are provided for information only.

MANITOU BF SA - Limited company with board of directors - Share capital: 39,668,399 euros - 857 802 508 RCS Nantes