

Technical sheet :

100 SC

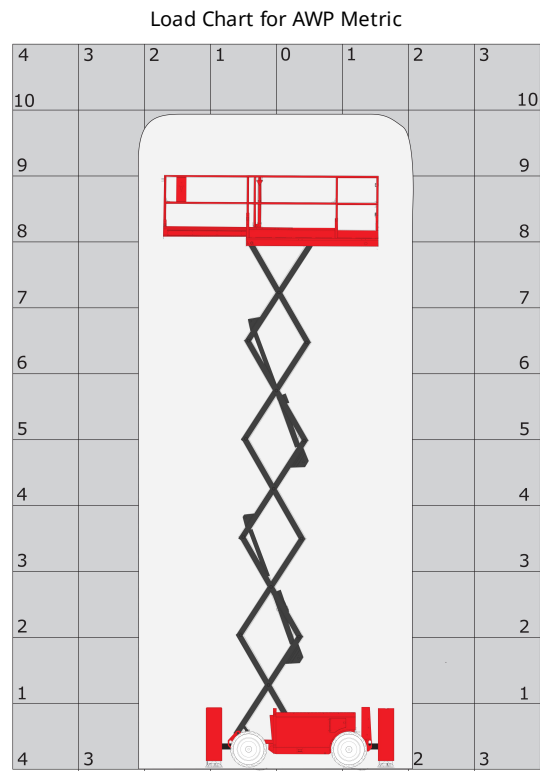


Capacities		Metric
Working height	h21	9.7 m
Platform height	h7	7.7 m
Platform capacity	Q	680 kg
Lift capacity - Extension deck		136 kg
Number of people (inside / outside)		4 / 4
Weight and dimensions		
Platform weight*		3701 kg
Platform dimensions (length x width)	lp / ep	2.79 m x 1.6 m
Platform dimensions with extension (length x width)		4.31 m x 1.6 m
Overall width	b1	1.75 m
Overall length	l1	3.76 m
Overall height	h17	2.59 m
Overall height (stowed)	h18	1.92 m
Overall length with extension	l15	4.81 m
Internal turning radius (over tyres)	b13	2.11 m
External turning radius	Wa3	4.6 m
Ground clearance at centre of wheelbase	m2	0.24 m
Wheelbase	y	2.29 m
Performances		
Drive speed - stowed		5.6 km/h
Drive speed - raised		0.5 km/h
Raise speed / Lower speed		36 s / 33 s
Gradeability		40 %
Max outrigger leveling front uphill / back uphill		5.3 ° / 4.2 °
Max outrigger leveling side to side		11.7 °
Permissible leveling (front / side)		3 ° / 2 °
Wheels		
Tyres type		Foam-filled
Dimensions of front wheels / rear wheels		0.66 x 0.30 - 0.66 x 0.30
Drive wheels (front / rear)		2 / 2
Steering wheels (front / rear)		2 / 0
Braking wheels (front / rear)		2 / 2
Engine/Battery		
Electric engine power rating		2 x 18.5 kW
Engine brand / model / norm		Kubota - D1105 / Tier IV Final
I.C. Engine power rating		25 Hp
Miscellaneous		
Ground Pressure		5.14 daN/cm²
Hydraulic tank capacity		68.10 l
Fuel tank		37.90 l
Sound pressure level (ground workstation)		85 dB(A)
Sound pressure level (platform work station)		79 dB(A)
Vibration on hands/arms		< 2.5 m/s
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)

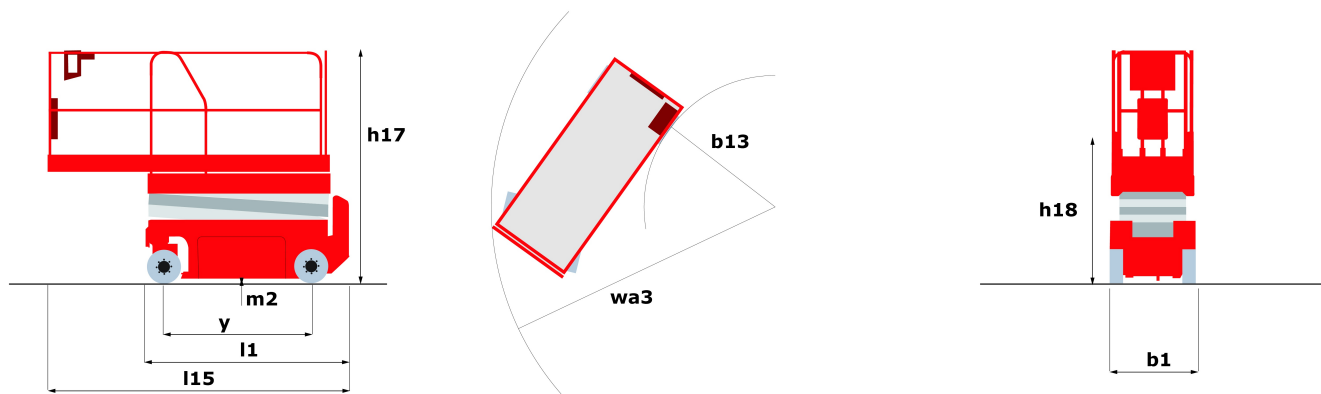
*Varies according to options and standards of the country to which the machine is delivered

** With folded guardrail

Load chart



Dimensional drawing



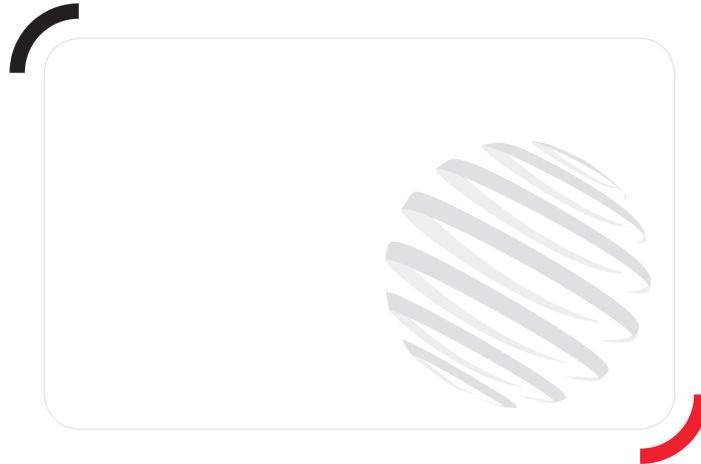
Equipment

Standard

230V Predisposition
 4 wheel drive
 Anti-slip platform surface
 Audible alarm and illuminated indicator lamp (leveling, overload, lowering)
 CAN bus technology
 Emergency stop button in platform and on frame
 Engine mounted on sliding platform
 Fixed anti-shearing protection
 Fold away guard rails with full height swing gate
 Horn in the platform
 Hour meter
 Integrated diagnostic assistance
 Lowering alarm
 Oscillating front axle
 Platform access gate
 Proportional controls
 Removable control unit
 Stabilizers with automatic leveling
 Travel possible at maximum height

Optional

2 flashing lights on frame
 Air predisposition
 Beep upon travel
 Biodegradable oil
 Flashing Light
 Non-marking tyres
 Safety harness
 Working headlight in platform



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



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