

Technical sheet :

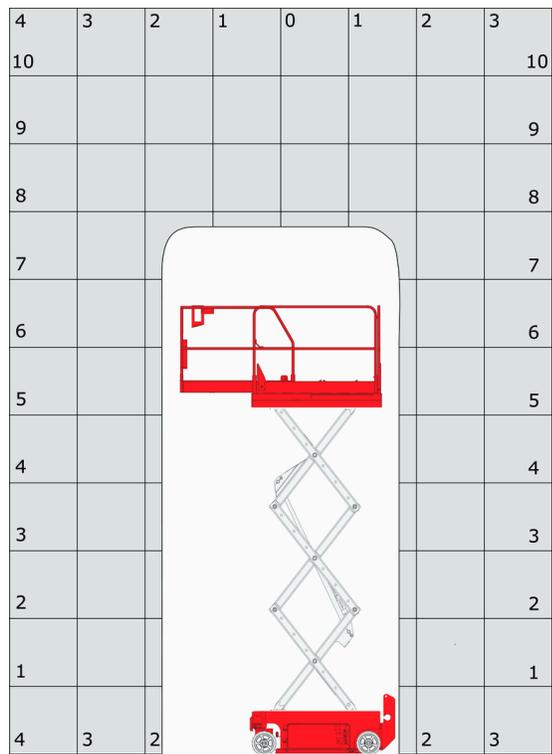
78 SEC



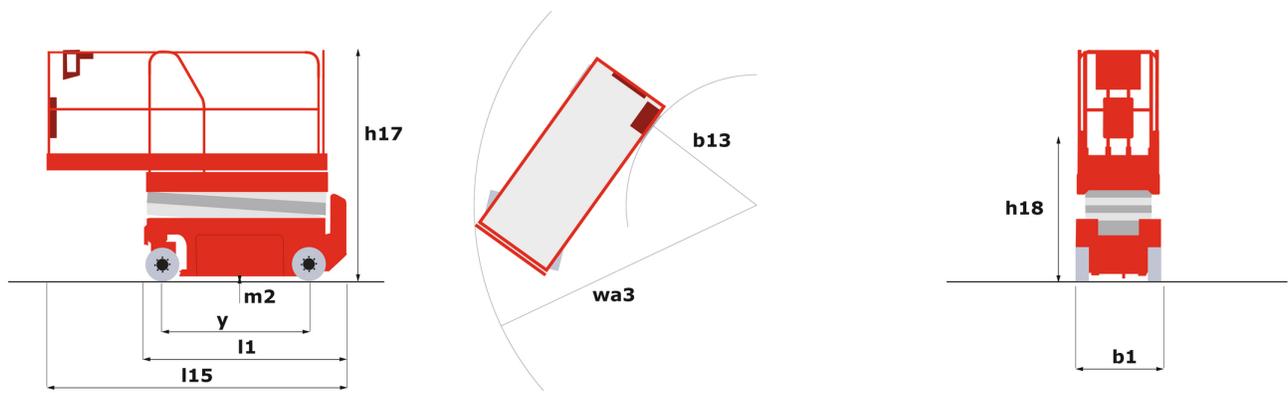
Capacities		Metric
Working height	h21	7.79 m
Platform height	h7	5.79 m
Platform capacity	Q	227 kg
Lift capacity - Extension deck		113 kg
Number of people (inside / outside)		2 / 1
Weight and dimensions		
Platform weight*		1503 kg
Platform dimensions (length x width)	lp / ep	1.63 m x 0.74 m
Platform dimensions without extension (length x width)		2.79 m x 1.60 m
Overall width	b1	0.81 m
Overall length	l1	1.83 m
Overall height	h17	2.11 m
Overall length (stowed)	l9	1.83 m
Overall height (stowed)	h18	1.75 m
Overall length with platform extension	l15	2.74 m
Internal turning radius (over tyres)	b13	0 m
External turning radius	Wa3	1.55 m
Ground clearance	m4	0.06 m
Ground clearance with pothole guards deployed	m6	0.02 m
Ground clearance at centre of wheelbase	m2	0.02 m
Wheelbase	y	1.32 m
Performances		
Drive speed - stowed		4 km/h
Drive speed - raised		0.80 km/h
Raise speed / Lower speed		16 s / 29 s
Gradeability		25 %
Permissible leveling		3 °
Wheels		
Tyres type		Solid non-marking tyres
Dimensions of front wheels / rear wheels		0,30x0,11 - 0,30x0,11
Drive wheels (front / rear)		2 / 0
Steering wheels (front / rear)		2 / 0
Braking wheels (front / rear)		2 / 2
Engine/Battery		
Battery / Batteries capacity		6 V / 225 Ah
Integrated charger (V / A)		24 V / 20 A
Miscellaneous		
Ground Pressure		9.98 dan/cm2
Hydraulic tank capacity		14.20 l
Noise to environment (LwA)		< 70 dB
Vibration on hands/arms		< 2.50 m/s ²
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)

78 SEC - Load chart

Load Chart metric



78 SEC - Dimensional drawing



Equipment

Standard

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

Dynamic hydraulic braking on front wheels

Emergency stop button in platform and on frame

Flashing Light

Fold-away guard rails to allow movement through the door

Folding rails with half height swing gate

Horn in the platform

Hour meter

Integrated charger

Integrated diagnostic assistance

Manual emergency lowering

Monobloc semi-traction battery on pivot (maintenance)

Multi-voltage integrated charger

Negative-type braking on rear wheels

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

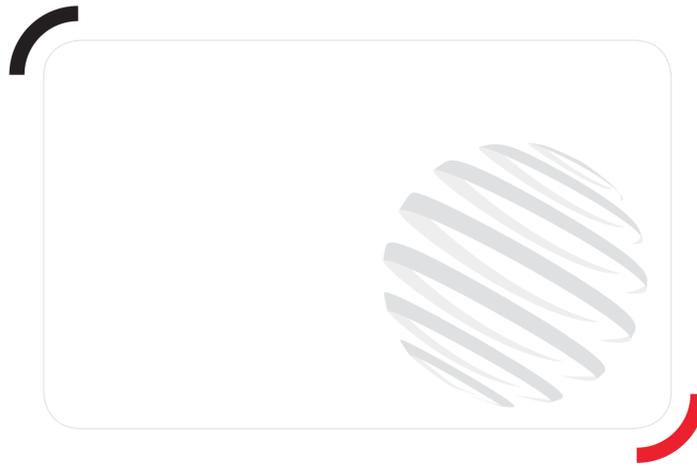
Biodegradable oil

Low temperature cut out module

Low temperature thermostat

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



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