Technical sheet :

100 SEC

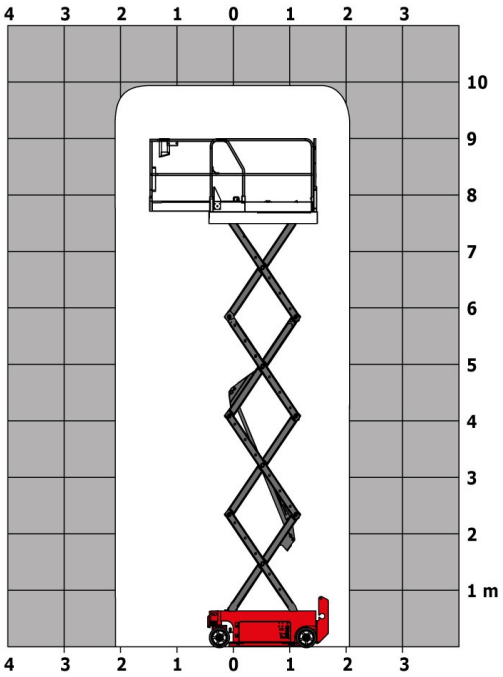
MANITOU
HANDLING YOUR WORLD

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(A)
Noise to environment (LwA)		< 70 dB(A)
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)

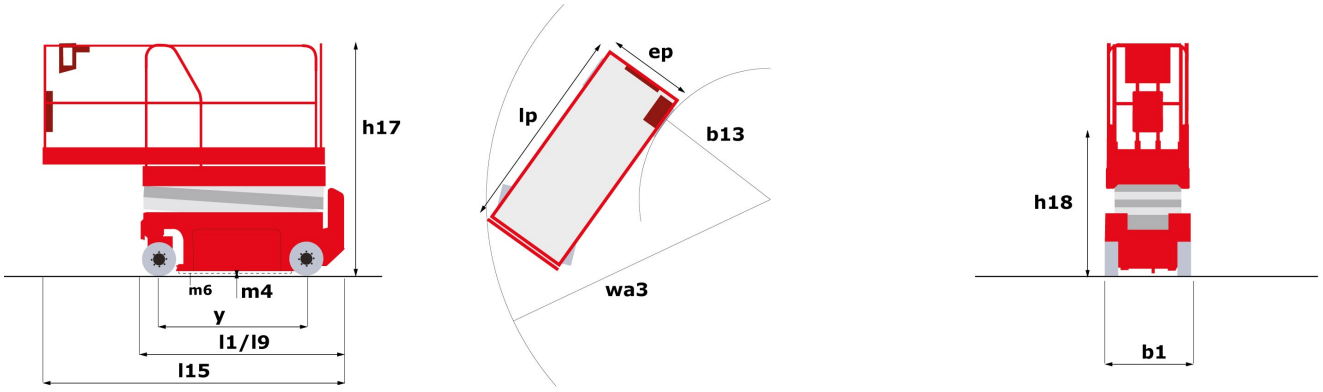
*Varies according to options and standards of the country to which the machine is delivered

Load chart

Load Chart metric



Dimensional drawing



Equipment

Standard
220V predisposition in the platform
Anti-overturning 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
Horn 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

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