Technical sheet :

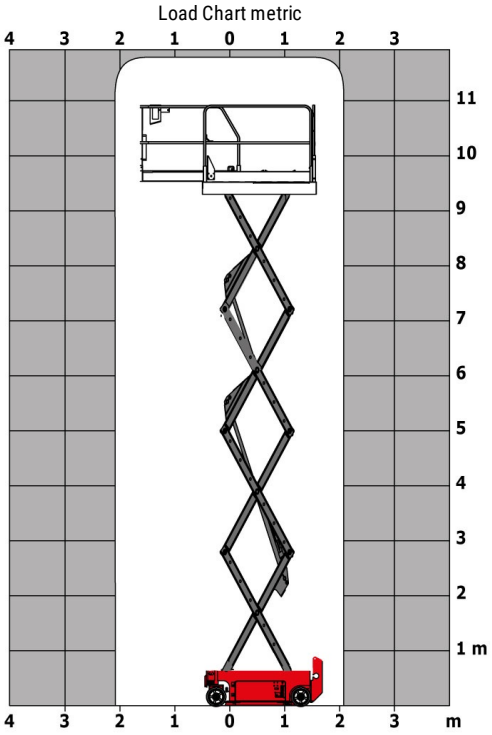
120 SE

MANITOU
HANDLING YOUR WORLD

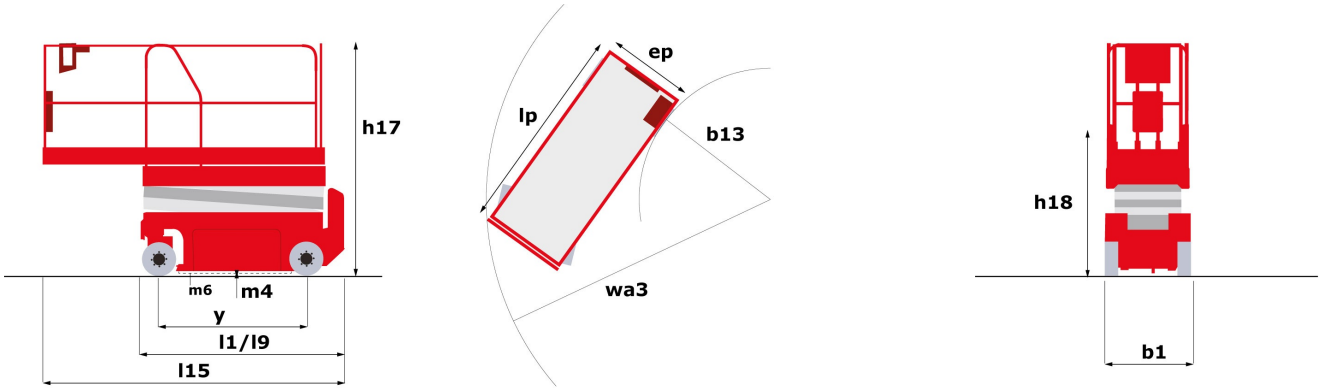
Capacities		Metric
Working height	h21	11.75 m
Platform height	h7	9.75 m
Platform capacity	Q	318 kg
Lift capacity - Extension deck		113 kg
Number of people (inside / outside)		2 / 1
Weight and dimensions		
Platform weight*		2781 kg
Platform dimensions (length x width)	lp / ep	2.26 m x 1.15 m
Platform dimensions without extension (length x width)		2.26 m x 0.81 m
Platform dimensions with extension (length x width)		3.18 m x 1.15 m
Overall width	b1	1.17 m
Overall length	l1	2.41 m
Overall height	h17	2.39 m
Overall length (stowed)	l9	2.41 m
Overall length (rails folded)		2.41 m
Overall height (stowed)	h18	1.80 m
Overall height (rails folded)		1.80 m
Overall length with platform extension	l15	3.33 m
Internal turning radius (over tyres)	b13	0 m
External turning radius	Wa3	2.29 m
Ground clearance	m4	0.10 m
Ground clearance with pothole guards deployed	m6	0.02 m
Wheelbase	y	1.85 m
Performances		
Drive speed - stowed		3.20 km/h
Drive speed - raised		0.80 km/h
Raise speed / Lower speed		57 s / 30 s
Gradeability		25 %
Permissible leveling		3 °
Wheels		
Tyres type		Tyres Type Non Marking
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		
Ground Pressure		9.80 daN/cm²
Hydraulic tank capacity		17 l
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



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
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
Low temperature cut out module
Low temperature thermostat
Platform power supply (plug + differential circuit breaker)
Safety harness

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