

Technical sheet :

# **100 SEC S3**

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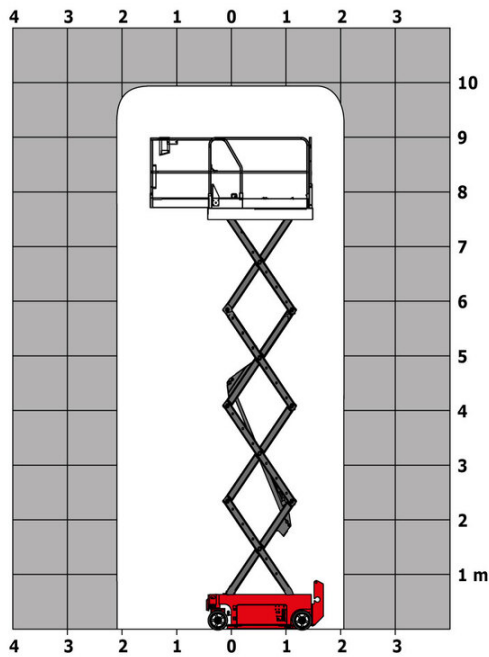
 **MANITOU**  
HANDLING YOUR WORLD

Capacities		Metric
Working height maximum (indoor)	h21	9.96 m
Working height maximum (outdoor)	h21'	7.79 m
Platform height maximum (indoor)	h7	7.96 m
Platform height maximum (outdoor)	h7'	5.79 m
Platform capacity	Q	227 kg
Max. capacity on the extension deck		113 kg
Number of people (indoor / outdoor)		2 / 1
Weight and dimensions		
Platform weight*		2145 kg
Platform dimensions (length x width)	lp / ep	2.27 m x 0.81 m
Platform dimensions with extension (length)		3.33 m
Overall length	l1	2.44 m
Overall width	b1	0.82 m
Overall height	h17	2.32 m
Overall length (stowed)	l9	2.44 m
Overall height (stowed)	h18 ***	1.94 m
Internal turning radius / External turning radius	Wa3	0 mm/2.13 m
Ground clearance with pothole guards deployed	m6	0.02 m
Ground clearance with pothole guards folded	m2	0.12 m
Ground clearance at centre of wheelbase	m2	0.12 m
Wheelbase	y	1.85 m
Performances		
Drive speed - stowed		4 km/h
Drive speed - raised		0.80 km/h
Raise speed (laden) / Lower speed (laden)		44 s / 33 s
Gradeability		25 %
Indoor and outdoor max Tilt Rating (Fore and Aft / Side-to-Side)		3 ° / 1.50 °
Wheels		
Tires type		Non marking
Standard tires		380 x 130 mm
Drive wheels (front / rear)		2 / 0
Steering wheels (front / rear)		2 / 0
Braking wheels (front / rear)		0 / 2
Engine/Battery		
Battery voltage		6 V
Battery capacity		225 Ah
Battery energy		5 kW/h
On-board charger (V / A)		24 V / 20 A
Miscellaneous		
Ground Pressure		13.14 dan/cm2
Hydraulic tank capacity		17 l
Noise to environment (LwA)		< 70 dB
Vibration on hands/arms		< 0.50 m/s²
Standards compliance		
This machine is in compliance with:		European directives: 2006/42/EC- Machinery (revised EN280:2013) - 2004/108/EC (EMC)

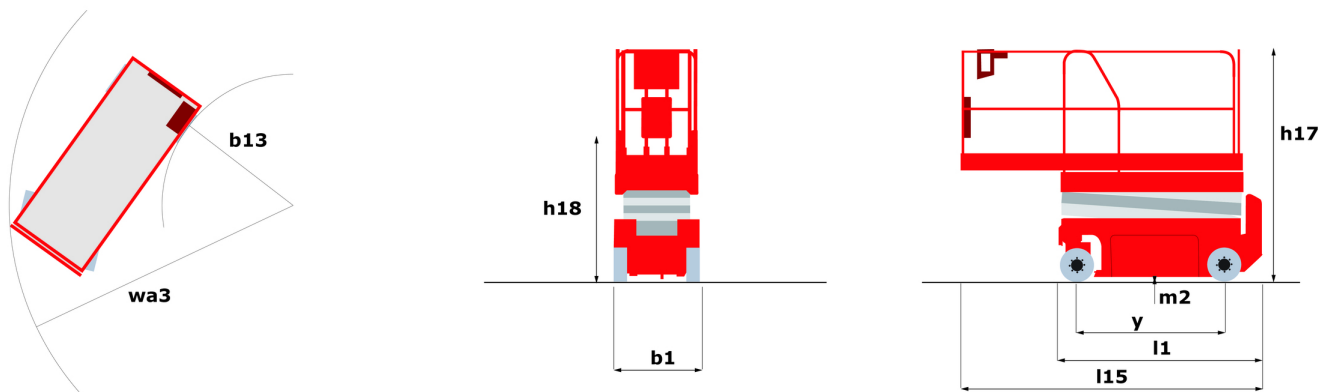
\*Varies according to options and standards of the country to which the machine is delivered

100 SEC S3 - Load chart

Load Chart metric



100 SEC S3 - Dimensional drawing



# Equipment

Standard
2 swing out component trays (hydraulic/electric)
220V predisposition in the platform
Audible alarm and illuminated indicator lamp (leveling, overload, lowering)
Battery charge indicator lamp
CAN bus technology
Descent alarm
Dynamic hydraulic braking on front wheels
Emergency stop
Folding rails with half height swing gate
Hom in the platform
Hour meter
Integrated diagnostic assistance
Load management according to environment (indoor/outdoor)
Manual emergency lowering
Multi-voltage integrated charger
Non-marking rubber tyres
Pothole protection with automatic operation
Rear wheel multiple disc brakes
Side and rear forklift pockets

Optional
Biodegradable oil
Cold weather protection oil
Safety harness



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