

Technical sheet :

100 SC



 **MANITOU**
HANDLING YOUR WORLD

Capacities		Metric
Working height	h21	9.70 m
Platform height	h7	7.70 m
Platform capacity	Q	680 kg
Max. capacity on the extension deck		136 kg
Number of people (indoor / outdoor)		4 / 4
Weight and dimensions		
Platform weight*		3653 kg
Platform dimensions (length x width)	lp / ep	2.79 m x 1.60 m
Platform dimensions with extension (length x width)		4.31 m x 1.60 m
Overall length	l1	3.76 m
Overall width	b1	1.75 m
Overall height	h17	2.59 m
Overall height (stowed)	h18 ***	1.92 m
Overall length with platform extension	l15	4.81 m
External turning radius	Wa3	4.60 m
Ground clearance at centre of wheelbase	m2	0.24 m
Wheelbase	y	2.29 m
Performances		
Drive speed - stowed		5.60 km/h
Drive speed - raised		0.40 km/h
Raise speed (laden) / Lower speed (laden)		36 s / 33 s
Gradeability		35 %
Max outrigger leveling front uphill / back uphill		5.30 ° / 4.20 °
Max outrigger leveling side to side		11.70 °
Indoor and outdoor max Tilt Rating (Fore and Aft / Side-to-Side)		3 ° / 2 °
Wheels		
Tires type		Foam-filled
Drive wheels (front / rear)		2 / 2
Steering wheels (front / rear)		2 / 0
Braking wheels (front / rear)		2 / 2
Engine/Battery		
Drive motor power rating		18.50 kW
Engine brand / model		Kubota - D1105
Engine norm		Tier 4 final
Engine power (Hp / kW)		25 Hp / 18.50 kW
Miscellaneous		
Ground Pressure		5.14 dan/cm2
Hydraulic tank capacity		68.10 l
Fuel		37.90 l
Sound pressure level (ground workstation)		85 dB
Sound pressure level (platform work station) (LpA)		79 dB
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)

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

*** With folded guardrail

100 SC - Load chart



100 SC - 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

Hom 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

Biodegradable oil

Lights

Non-marking tires

Safety harness

Working headlight in platform



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