Technical sheet :

100 SC



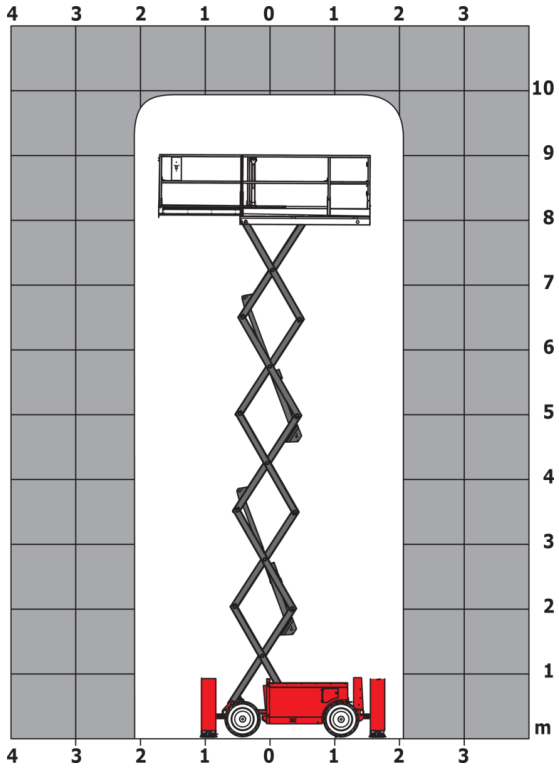
MANITOU
HANDLING YOUR WORLD

Capacities		Metric	Imperial
Working height	h21	9.70 m	31 ft 10 in
Platform height	h7	7.70 m	25 ft 3 in
Platform capacity	Q	680 kg	1499 lb
Max. capacity on the extension deck		136 kg	300 lb
Number of people (indoor / outdoor)		4 / 4	4 / 4
Weight and dimensions			
Platform weight*		3653 kg	8053 lb
Platform dimensions (length x width)	lp / ep	2.79 m x 1.60 m	9 ft 2 in x 5 ft 3 in
Platform dimensions with extension (length x width)		4.31 m x 1.60 m	14 ft 2 in x 5 ft 3 in
Overall length	l1	3.76 m	12 ft 4 in
Overall width	b1	1.75 m	5 ft 9 in
Overall height	h17	2.59 m	8 ft 6 in
Overall height (stowed)	h18	1.92 m	6 ft 4 in
Overall length with platform extension	l15	4.81 m	15 ft 9 in
Internal turning radius (over tyres)	b13	2.11 m	6 ft 11 in
External turning radius	Wa3	4.60 m	15 ft 1 in
Ground clearance at centre of wheelbase	m2	0.24 m	9 in
Wheelbase	y	2.29 m	7 ft 6 in
Performances			
Drive speed - stowed		5.60 km/h	3 mph
Drive speed - raised		0.40 km/h	0.25 mph
Raise speed (laden) / Lower speed (laden)		36 s / 33 s	36 s / 33 s
Gradeability		35 %	35 %
Max outrigger leveling front uphill / back uphill		5.30 ° / 4.20 °	5.30 ° / 4.20 °
Max outrigger leveling side to side		11.70 °	11.70 °
Permissible leveling (front / side)		3 ° / 2 °	3 ° / 2 °
Wheels			
Tires type		Foam-filled	Foam-filled
Drive wheels (front / rear)		2 / 2	2 / 2
Steering wheels (front / rear)		2 / 0	2 / 0
Braking wheels (front / rear)		2 / 2	2 / 2
Engine/Battery			
Electric engine power rating		2 x 18.50 kW	2 x 18.50 kW
Engine brand / model		Kubota - D1105	Kubota - D1105
Engine norm		Tier 4 final	Tier 4 final
I.C. Engine power rating		25 Hp	25 Hp
Miscellaneous			
Ground Pressure		5.14 dan/cm2	75 PSI
Hydraulic tank capacity		68.10 l	18 US gal
Fuel tank		37.90 l	10 US gal
Sound pressure level (ground workstation)		85 dB	85 dB
Sound pressure level (platform work station)		79 dB	79 dB
Vibration on hands/arms		< 2.50 m/s²	< 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)	European directives: 2006/42/EC- Machinery (revised EN280:2013) - 2004/108/EC (EMC) - 2006/95/EC (Low voltage)

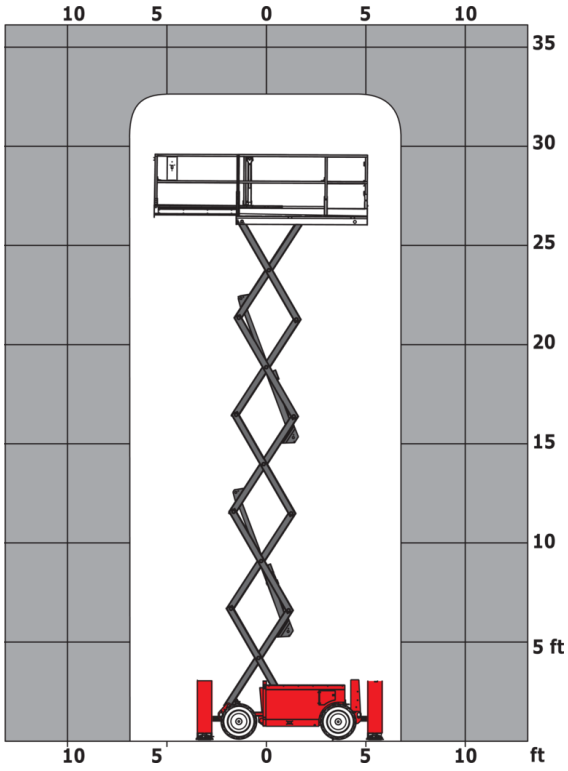
*Varies according to options and standards of the country to which the machine is delivered
** With folded guardrail

100 SC - Load chart

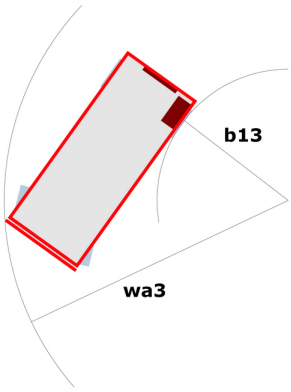
Load Chart for MEWP Metric

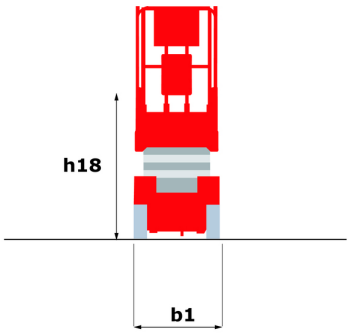


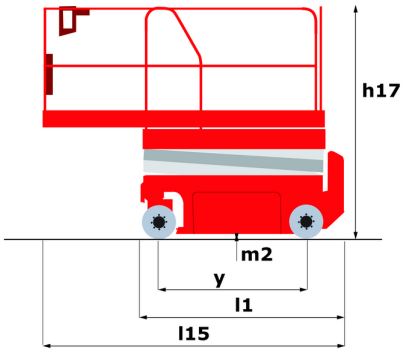
Load Chart for MEWP (Imperial)



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
Horn 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 tyres
Safety harness
Working headlight in platform

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