

Technical sheet :

100 SC



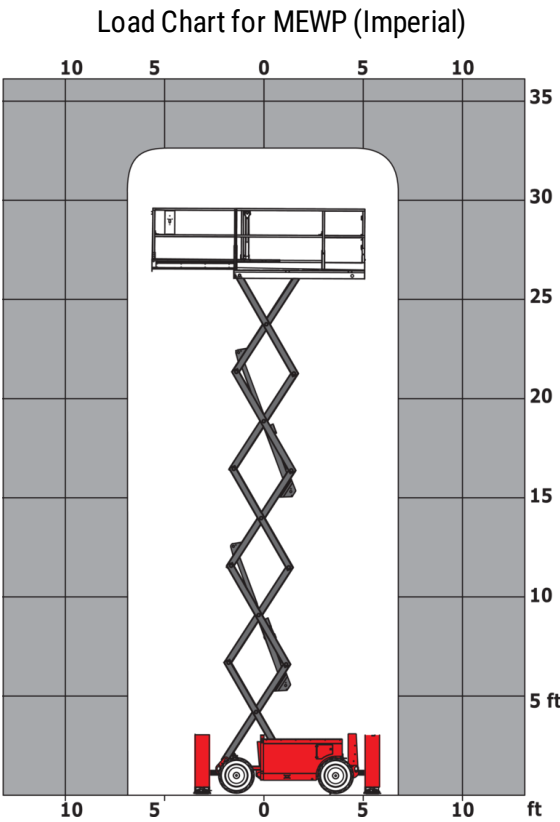
 **MANITOU**
HANDLING YOUR WORLD

Capacities		Imperial
Working height	h21	31 ft 10 in
Platform height	h7	25 ft 3 in
Platform capacity	Q	1499 lb
Max. capacity on the extension deck		300 lb
Number of people (indoor / outdoor)		4 / 4
Weight and dimensions		
Platform weight*		8053 lb
Platform dimensions (length x width)	lp / ep	9 ft 2 in x 5 ft 3 in
Platform dimensions with extension (length x width)		14 ft 2 in x 5 ft 3 in
Overall length	l1	12 ft 4 in
Overall width	b1	5 ft 9 in
Overall height	h17	8 ft 6 in
Overall height (stowed)	h18	6 ft 4 in
Overall length with platform extension	l15	15 ft 9 in
External turning radius	Wa3	15 ft 1 in
Ground clearance at centre of wheelbase	m2	9 in
Wheelbase	y	7 ft 6 in
Performances		
Drive speed - stowed		3 mph
Drive speed - raised		0.25 mph
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 °
Permissible leveling (front / 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		
Electric engine power rating		2 x 18.50 kW
Engine brand / model		Kubota - D1105
Engine norm		Tier 4 final
I.C. Engine power rating		25 Hp
Miscellaneous		
Ground Pressure		75 PSI
Hydraulic tank capacity		18 US gal
Fuel tank		10 US gal
Sound pressure level (ground workstation)		85 dB
Sound pressure level (platform work station)		79 dB
Vibration on hands/arms		< 2.50 m/s ²
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)

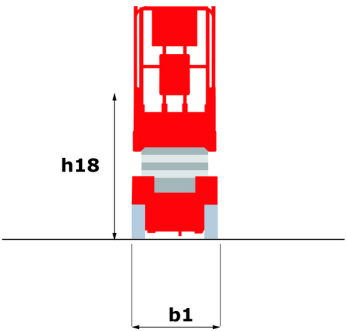
*Varies according to options and standards of the country to which the machine is delivered

** 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 tyres
Safety harness
Working headlight in platform



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