

Technical sheet :

# 100 SC

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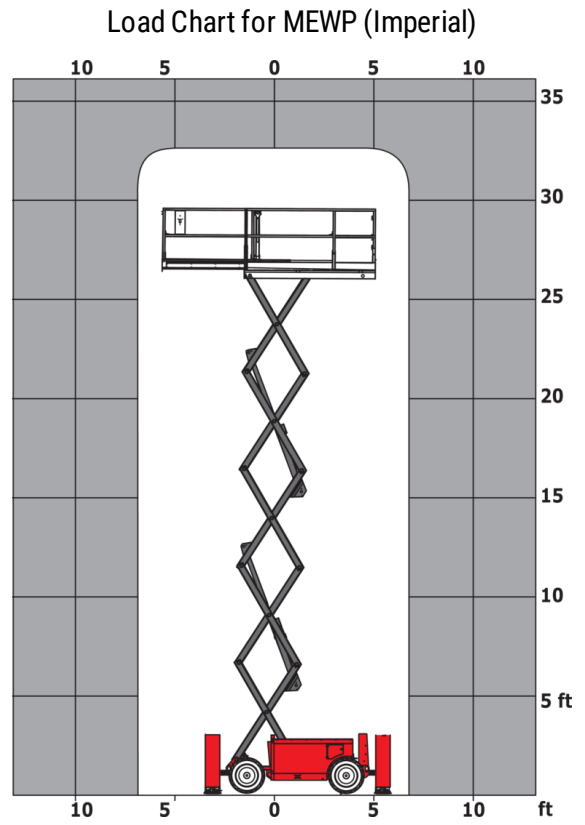
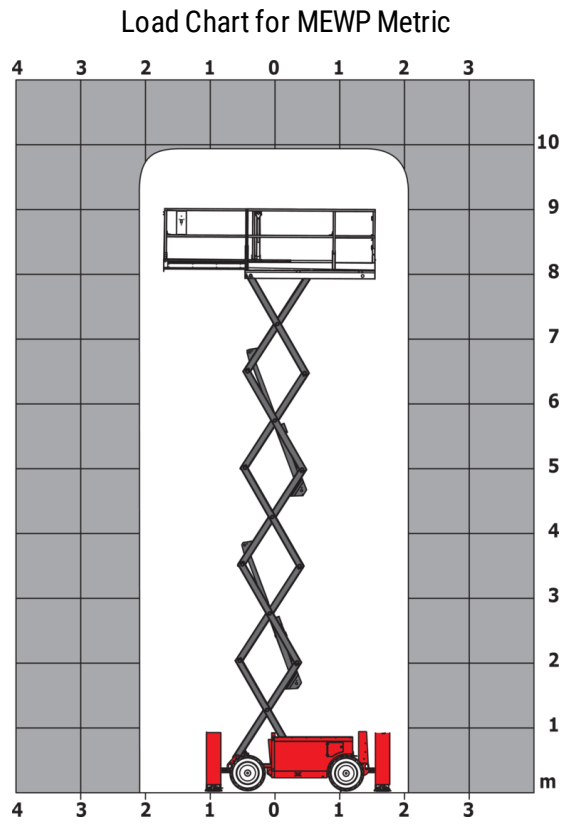


Capacities		Metric	Imperial
Working height	h21	9.70 m	31 ft 10 in
Platform height	h7	7.70 m	25 ft 3 in
Platform capacity	Q	680 kg	1499 lb
Max. capacity on the extension deck		136 kg	300 lb
Number of people (indoor / outdoor)		4 / 4	4 / 4
Weight and dimensions			
Platform weight*		3653 kg	8053 lb
Platform 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
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 °
Indoor and outdoor max Tilt Rating (Fore and Aft / Side-to-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 nom		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) (platform work station)		79 dB	79 dB
Vibration on hands/arms		< 2.50 m/s <sup>2</sup>	< 2.50 m/s <sup>2</sup>
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)

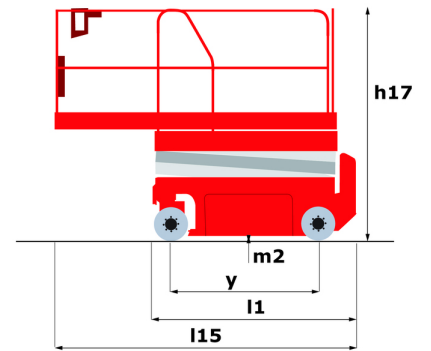
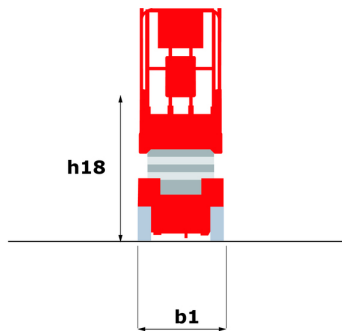
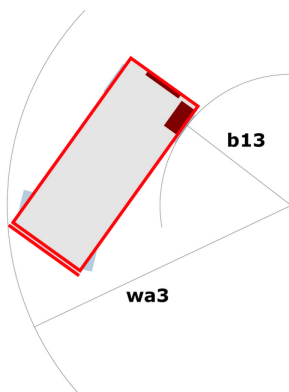
\*Varies according to options and standards of the country to which the machine is delivered

\*\*\* With folded guardrail

### 100 SC - Load chart



### 100 SC - Dimensional drawing



# Equipment

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## 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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