



Sherpa 100 2Speed Technical Datasheet

English
V2025-01

SHERPA 100 2Speed

Technical Datasheet



Motor

Capacity	: 4.2 hp
Max. revolutions	: 1950 rpm
Adjusted revolutions	: 1350/1650 rpm
Type	: PMAC Motor
Cooling	: Air cooled

Capacity data

Breakout force	: 650 kg
Tractive force	: 390 kg
Work- drive	: 11 L/min - 180 bar
hydraulics (turtle)	
Work- drive	: 16 L/min - 180 bar
hydraulics (hare)	
Hydraulic tank capacity	: 38 L

Tires

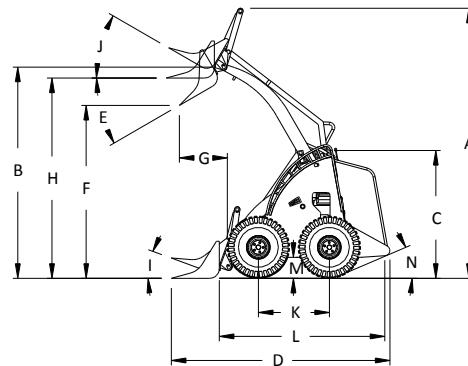
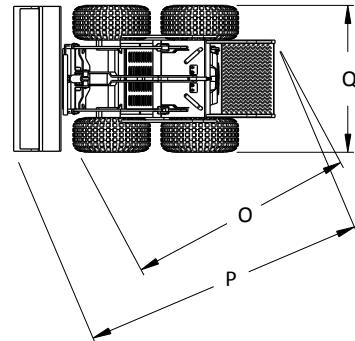
Standard	: 4.00-8
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Brakes

Braking system	: Hydrostatic on 2 rear wheels/2 front wheels through chain transmission
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Drive system

Drive	: Hydrostatic on 2 rear wheels/2 front wheels through chain transmission
Max. Speed (turtle)	: 0-3(proportional) km/h
Max. Speed (hare)	: 0-4(proportional) km/h
Steering	: Skid steering



Dimensions in mm

A	Maximum height with bucket up	2545
B	Height hinge point coupling plate	2050
C	Maximum height with bucket low	1220
D	Length + bucket	2165
E	Bucket angle when dumping	51°
F	Height underside of the bucket when dumping	1480
G	Length from front wheel to bucket when dumping	180
H	Height bucket horizontally	1860
I	Bucket angle low	26°
J	Bucket angle high	53°
K	Wheelbase	657
L	Length to coupling plate	1520
M	Ground clearance	121
N	Rear Angle	14°
O	Turning radius	1606
P	Turning radius with bucket	2250
Q	Width	760

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Electrical system

Voltage : 24 V

Battery capacity : 8.6 kWh

Max. Dimensions

(L mm x B mm x H mm, excl. bucket)

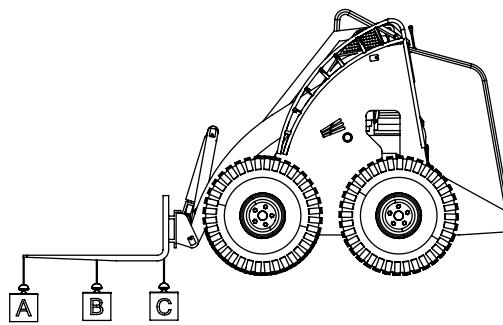
Standard : 1520 x 760 x 1220

Kerb weight

820 kg

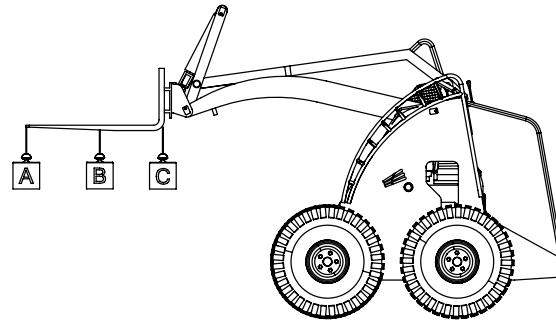
Tipping loads (kg)*:

Palletforks load low**



A 283
B 412
C 755

Palletforks load high**



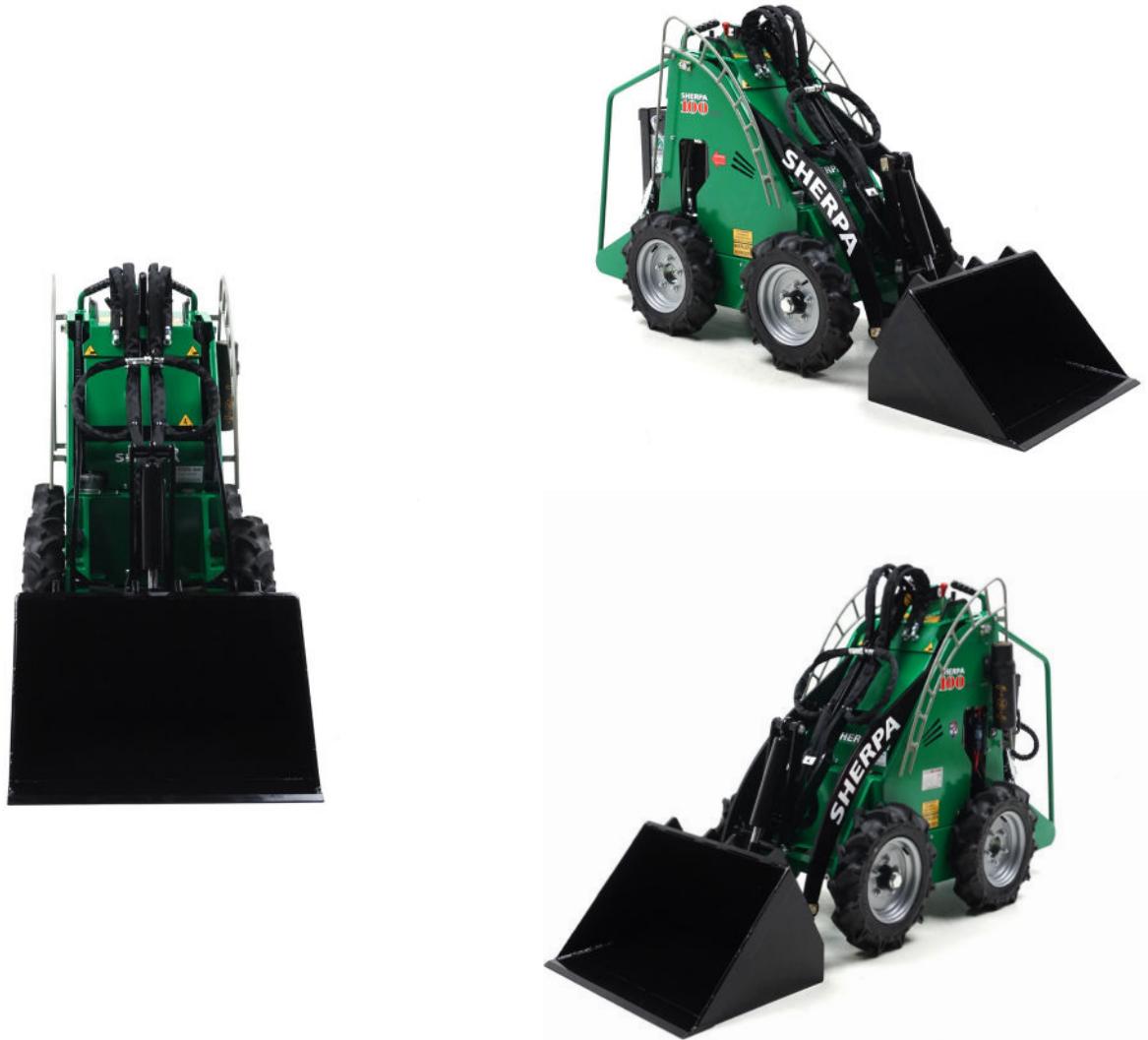
A 174
B 236
C 367

* Including operator 75kg

** Take into account a safety factor of 30%

SHERPA 100 2Speed

Our SHERPA 100 2Speed, as the name suggests, has 2 speeds. Slowly with more power; to maneuver and work and a second gear to cover longer distances with a higher speed. Thanks to the ingenious design with 2 hydraulic pumps of which the switch can be operated while driving, it is a real pleasure to work with this machine.



More information? Please contact us!

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