

SHERPA

100 STANDARD

DIESEL



TECHNICAL DATA

SHERPA 100 DIESEL

Motor

Manufacturer	Kubota
Type	D722
Capacity	14.9/20 kW/hp
Revolutions per minute	3600 rpm
Adjusted amount of revolutions	2700 rpm
Number of cylinders	3
Cooling	Water cooled (coolant)
Fuel	Diesel
Fuel tank capacity	16 l

Drive system

Hydrostatic on 2 rear wheels/2 front wheels through chain transmission

Speed 315 cc wheelmotor

0-10 (proportional) km/h*

Speed 400 cc wheelmotor

0-8 (proportional) km/h*

Capacity data

Breakout force	675 kg
Tractive force 315 cc wheelmotors	340 kg*
Tractive force 400 cc wheelmotors	430 kg*
Hydraulic drive- and working system	30 l/min - 190 bar
Hydraulic tank capacity	45 l

Tires

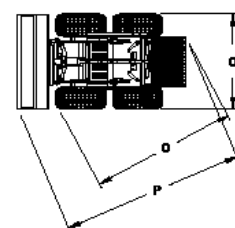
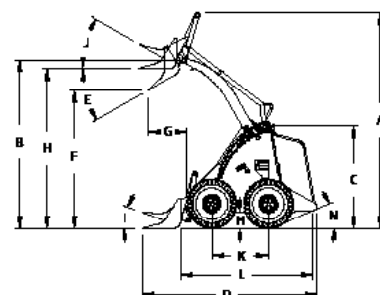
Standard	20x11.00-8 -wide traction tires
Narrow	4.00-10 - traction profile tires

Brakes

Braking system	Hydrostatic on 2 rear wheels/2 front wh through chain transmission
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Steering

Skid steering



A Maximum height with bucket up	2600	J Bucket angle high	53°
B Height hinge point coupling plate	2105	K Wheelbase	657
C Maximum height with bucket low	1250	L Length to coupling plate	1520
D Length + bucket	2112	M Ground clearance	176
E Bucket angle when dumping	51°	N Rear Angle	23°
F Height underside of the bucket when dumping	1560	O Turning radius	1690
G Length from front wheel to bucket when dumping	60	P Turning radius with bucket	2265
H Height bucket horizontally	1930	Q Width	1140
I Bucket angle low	26°		

* Depending on choice of tires

specifications and features are subject to change without notice

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Electrical system

Voltage	12 V
Battery capacity	45 Ah

Max. Dimensions (L mm x B mm x H mm, without bucket):

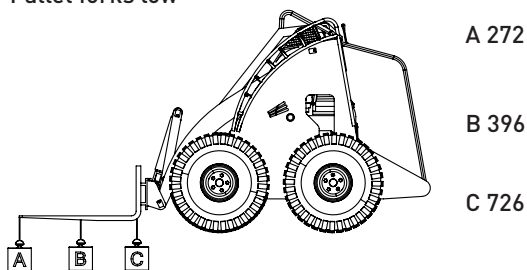
Standard	1520 x 1140 x 1250
Narrow	1520 x 860 x 1220

Kerb weight

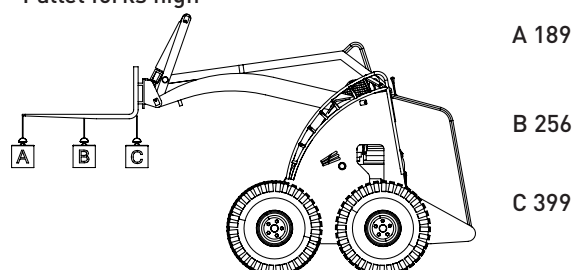
730 kg (with standard tires)

Tipping loads (kg)*:

Pallet forks low**



Pallet forks high**



* Including driver 75kg

** Consider a safety factor of 30%

SHERPA 100 DIESEL

Outstanding is the use of hydraulic engineering for both 4WD propulsion and machine-specific functions. This makes the SHERPA 100 Diesel available in various industries.

More information?

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