

SHERPA 100 DIESEL



ENG V1.1



SHERPA
MINI-LOADERS

TECHNICAL DATA

SHERPA 100 DIESEL

Motor

Manufacturer	Kubota
Type	D722
Capacity	14/19 kW/pk
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 through 2 hydraulic wheel motors

Speed 315 cc wheelmotor

0-8,5 (proportional) km/h

Speed 400 cc wheelmotor

0-7,5 (proportional) km/h

Capacity data

Breakout force	630 kg
Tractive force 315 cc wheelmotor	285 kg
Tractive force 400 cc wheelmotor	355 kg
Hydraulic drive- and working system	30/190 l/bar
Hydraulic tank capacity	45 l

Tires

Standard	20x11.00-8 - Trac profile tires
Narrow	4.00-10 - Trac profile tires small

Brakes

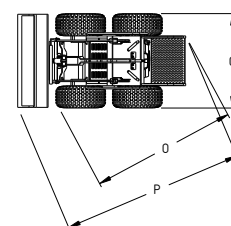
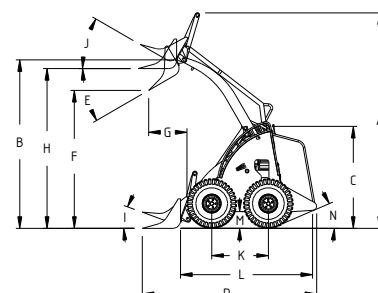
Braking system: Hydrostatic on 2 rear wheels/2 front wheels through chain transmission

Steering

Skid steering

Dimensions in mm

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	1508
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	1125
I	Bucket angle low	26°			



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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):

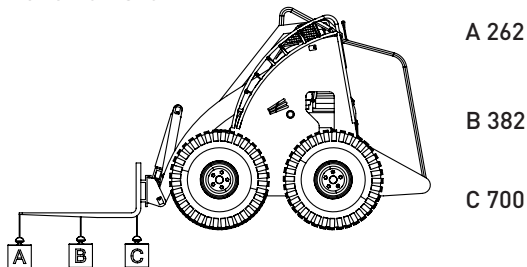
Standard	1490 x 1120 x 1218
Narrow	1490 x 830 x 1218

Kerb weight

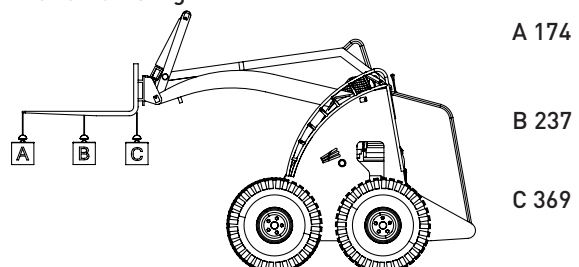
712 kg (with standard tires)

Tipping loads (kg)*:

Pallet forks low**



Pallet forks high**



* Including driver 60kg

** 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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