

SHERPA 100 ECO

SHERPA 100 ECO
Efficient and Environmentally
Friendly

Hanenberg Materieel B.V. is the first manufacturer to introduce an electric mini skid-steer. The SHERPA 100 ECO is just as powerful as the model with the combustion engine and is particularly suitable for indoor demolition work and work in stables. The 76-cm wide mini skid-steer is powered by a surprisingly strong 2-HP front-mounted electric motor. Pressing the accelerator quickly builds up the pressure in the system. The space that normally contains the combustion engine now stores a 360-Ampere battery pack that powers the mini skid-steer for up to 7 hours.

The environmentally friendly and compact SHERPA 100 ECO can now do the physically demanding indoor work that you used to do manually. This nifty machine is extremely quiet and doesn't produce any unpleasant exhaust fumes.



Technical data
SHERPA 100 ECO

Engine

Type: DC Motor (brushless)	
Capacity (kW/HP):	1,5/2
Revolutions per minute (rpm):	1800

Drive system

Hydraulic through 2 hydraulic wheel motors

Speed (steples, km/h): 0-5

Capacity data

Breakout force (kg):	840
Tractive force (kg):	558
Hydraulic drive system (l/bar):	15/150
Hydraulic tank capacity (l):	42

Tipping load in straight position on
LCD point (kg)

Pallet forks with weight low (70%):	245
Pallet forks with weight high (70%):	154
Bucket with weight low (50%):	175
Bucket with weight high (50%):	110

Tyres: 4.00x10

Brakes

Service brake: Hydrostatic on 2 rear wheels/
2 front wheels through chain transmission

Steering

Typ: Skid steering

Electrical system

Battery type: Traction battery	
Voltage (V):	24
Battery capacity (Ah):	360
Kerb weight (kg):	722

Dimensions in mm

A Maximum height with bucket up	2545	I Bucket angle when scooping low	26°
B Height hinge point coupling plate	2050	J Bucket angle when scooping high	53°
C Maximum height with bucket low	1195	K Wheelbase	657
D Length + bucket	2165	L Length to coupling plate	1520
E Bucket angle when dumping	51°	M Ground clearance	121
F Height underside of the bucket when dumping	1480	N Rear Angle	14°
G Length from front wheel to bucket when dumping	180	O Turning radius	1606
H Height bucket horizontally	1860	P Turning radius with bucket	2250
		Q Width	760



Makes heavy work history!



Hanenberg Materieel B.V.

Canadabaan 14, 5388 RT
Nistelrode - The Netherlands
Phone: +31(0)412 613344
Fax: +31(0)412 611934
export@hanenberg-materieel.nl
www.sherpaminiloaders.com

Your dealer:



SHERPA MINI-LOADERS



The Nr. 1 Dutch manufacturer of labour-friendly road construction equipment



SHERPA 100 NARROW

SHERPA 100 Narrow The Little Giant

The compact SHERPA 100 Narrow does work in tight spots that usually needs to be done manually, like loading and unloading material, filling and excavating. Now you can really take the strain off your back and let the SHERPA 100 do the heavy work for you. Its ease of use, versatility and efficiency make the SHERPA 100 an ideal machine for pavers, gardeners and demolishers.

The SHERPA 100 Narrow is equipped with a Honda GX390 13-HP petrol engine. This versatile little giant is the perfect machine for all sorts of applications in all kinds of terrain. Our customers often use the narrow model for work in tight spots that require a small turning radius, for example, in riding arenas, at demolition sites, in gardens and on farms.



Technical data SHERPA 100 NARROW

Engine		Tipping load in straight position on LCD point (kg)	
Manufacturer:	Honda	Pallet forks with weight low (70%):	207
Type:	GX390	Pallet forks with weight high (70%):	135
Capacity (kW/HP):	8.7/11.7	Bucket with weight low (50%):	148
Revolutions per minute (rpm):	3600	Bucket with weight high (50%):	97
Tuned revolutions per minute (rpm):	3000		
Number of cylinders:	1		
Cooling:	Air	Tyres: 4.00x10	
Fuel:	Petrol	Brakes	
	(Euro 95)	Service brake: Hydrostatic on 2 rear wheels/ 2 front wheels through chain transmission	
Fuel tank capacity (l):	6.1		

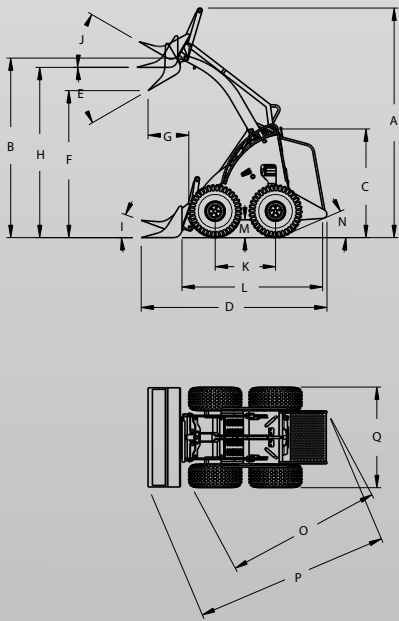
Drive system
Hydraulic through 2 hydraulic wheel motors

Speed (stepless, km/h): 0-7

Capacity data		Electrical system	
Breakout force (kg):	840	Voltage (V):	12
Tractive force (kg):	558	Battery capacity (Ah):	45
Hydraulic drive system (l/bar):	24/190	Kerb weight (kg):	570
Hydraulic tank capacity (l):	42		

Dimensions in mm

A Maximum height with bucket up	2545	I Bucket angle when scooping low	26°
B Height hinge point coupling plate	2050	J Bucket angle when scooping high	53°
C Maximum height with bucket low	1195	K Wheelbase	657
D Length + bucket	2165	L Length to coupling plate	1520
E Bucket angle when dumping	51°	M Ground clearance	121
F Height underside of the bucket when dumping	1480	N Rear Angle	14°
G Length from front wheel to bucket when dumping	180	O Turning radius	1606
H Height bucket horizontally	1860	P Turning radius with bucket	2250
		Q Width	760



SHERPA 100 PETROL

SHERPA 100 Petrol Robust and Multifunctional

This version of the SHERPA 100 holds its own. This model is equipped with a Honda GX630 21-HP petrol engine. The components and parts used in this mini skid-steer are of the highest quality and guarantee the highest performance.

One of the characteristics of the SHERPA 100 Petrol is the numerous tools that can be attached to it. Whether you have to muck out a stable, lay a kerb stone or dispose of a fallen tree, the SHERPA 100 Petrol is the perfect helper. And the SHERPA 100 is so easy to hop on and off that you don't have to think twice about using it. This mini skid-steer is real value for money.

And if you need the SHERPA 100 at a different location, simply put it on a trailer or in a delivery van. No special equipment is needed to transport it.



Technical data SHERPA 100 PETROL

Engine		Tipping load in straight position on LCD point (kg)	
Manufacturer:	Honda	Pallet forks with weight low (70%):	263
Type:	GX630	Pallet forks with weight high (70%):	157
Capacity (kW/HP):	15.5/21	Bucket with weight low (50%):	188
Revolutions per minute (rpm):	3600	Bucket with weight high (50%):	112
Tuned revolutions per minute (rpm):	2660		
Number of cylinders:	2		
Cooling:	Air	Tyres: 20x11.00-8	
Fuel:	Petrol	Brakes	
	(Euro 95)	Service brake: Hydrostatic on 2 rear wheels/ 2 front wheels through chain transmission	
Fuel tank capacity (l):	16		

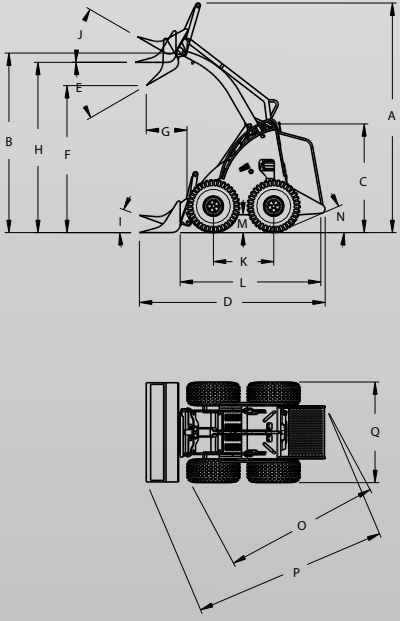
Drive system
Hydraulic through 2 hydraulic wheel motors

Speed (stepless, km/h): 0-9

Capacity data		Electrical system	
Breakout force (kg):	840	Voltage (V):	12
Tractive force (kg):	558	Battery capacity (Ah):	45
Hydraulic drive system (l/bar):	29/190	Kerb weight (kg):	634
Hydraulic tank capacity (l):	52		

Dimensions in mm

A Maximum height with bucket up	2600	I Bucket angle when scooping low	26°
B Height hinge point coupling plate	2105	J Bucket angle when scooping high	53°
C Maximum height with bucket low	1250	K Wheelbase	657
D Length + bucket	2112	L Length to coupling plate	1508
E Bucket angle when dumping	51°	M Ground clearance	176
F Height underside of the bucket when dumping	1560	N Rear Angle	23°
G Length from front wheel to bucket when dumping	180	O Turning radius	1690
H Height bucket horizontally	1930	P Turning radius with bucket	2265
		Q Width	1125



SHERPA 100 DIESEL

SHERPA 100 Diesel Powerful and Fast

The SHERPA 100 Diesel is a compact earth-moving machine and a mobile hydraulic powerhouse. The use of hydraulics for locomotion, lifting and many other functions makes this a very versatile and manoeuvrable machine that is easy to use and maintain. This little machine moves much more material than its size suggests.

The hydraulic drive systems are powered through a gear pump that transfers the oil to the machine's various functions through a 5-fold hydraulic control unit. Hydraulic wheel motors in each of the eight wheels and a chain connection to the front wheel provide for effective 4-wheel drive. This configuration makes the mini skid-steer so manoeuvrable that it can turn on its own axis. A quick-connect system enables the SHERPA 100 Diesel to be quickly fit with a wide range of attachment tools, and quick-couplings enable servo tools to be connected to the auxiliary system.

Each attachment tool is specially developed and built by craftsmen with experience in the gardening and paving sectors. This enables us to find a custom solution for every problem.



Technical data SHERPA 100 DIESEL

Engine		Tipping load in straight position on LCD point (kg)	
Manufacturer:	Kubota	Pallet forks with weight low (70%):	333
Type:	D722	Pallet forks with weight high (70%):	191
Capacity (kW/HP):	14/19	Bucket with weight low (50%):	238
Revolutions per minute (rpm):	3600	Bucket with weight high (50%):	137
Tuned revolutions per minute (rpm):	3000		
Number of cylinders:	3		
Cooling:	Water cooled (coolant)	Tyres: 20x11.00-8	
Fuel:	Diesel	Brakes	
Fuel tank capacity (l):	16	Service brake: Hydrostatic on 2 rear wheels/ 2 front wheels through chain transmission	

Drive system
Hydraulic through 2 hydraulic wheel motors

Speed (stepless, km/h): 0-10

Capacity data		Electrical system	
Breakout force (kg):	840	Voltage (V):	12
Tractive force (kg):	558	Battery capacity (Ah):	45
Hydraulic drive system (l/bar):	33/190	Kerb weight (kg):	734
Hydraulic tank capacity (l):	52		

Dimensions in mm

A Maximum height with bucket up	2600	I Bucket angle when scooping low	26°
B Height hinge point coupling plate	2105	J Bucket angle when scooping high	53°
C Maximum height with bucket low	1250	K Wheelbase	657
D Length + bucket	2112	L Length to coupling plate	1508
E Bucket angle when dumping	51°	M Ground clearance	176
F Height underside of the bucket when dumping	1560	N Rear Angle	23°
G Length from front wheel to bucket when dumping	180	O Turning radius	1690
H Height bucket horizontally	1930	P Turning radius with bucket	2265
		Q Width	1125

