

# 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 8 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

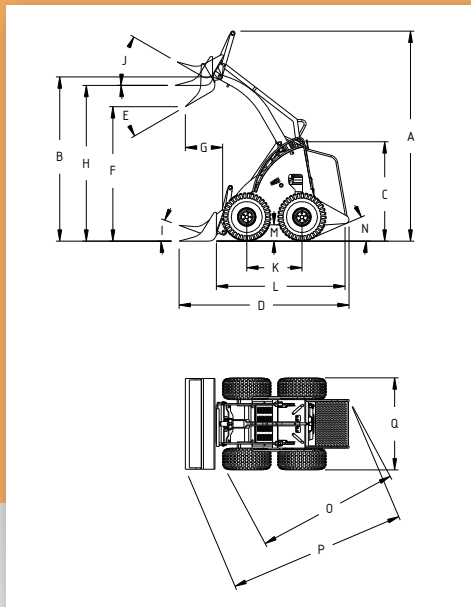
<b>Engine:</b>		<b>Tyres:</b>	4.00x10
Type:	DC Motor (brushless)		
Capacity (kW/HP):	1,5/2	<b>Brakes:</b>	
Revolutions per minute (rpm):	1800	Service brake: Hydrostatic on 2 rear wheels/ 2 front wheels through chain transmission	

<b>Drive system:</b>		<b>Steuerung:</b>	
Hydraulic through 2 hydraulic wheel motors		Typ:	Skid steering

<b>Speed (km/h):</b>	0-5 (stepless)		
<b>Capacity data:</b>		<b>Electrical system:</b>	
Breakout force (kg):	840	Battery type:	Traction battery
Tractive force (kg):	558	Voltage (V):	24
Hydraulic drive system (l/bar):	15/190	Battery capacity (Ah):	360
Hydraulic tank capacity (l):	42	<b>Kerb weight (kg):</b>	722

<b>Tipping load in straight position on LCD point (kg)</b>	
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

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



# HANENBERG

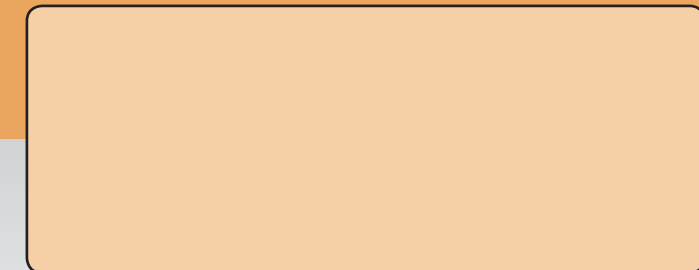
## DISCOVER THE EASE OF VACUUM!



## SHERPA MINI-LOADERS

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# SHERPA MINI-LOADERS



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# 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.



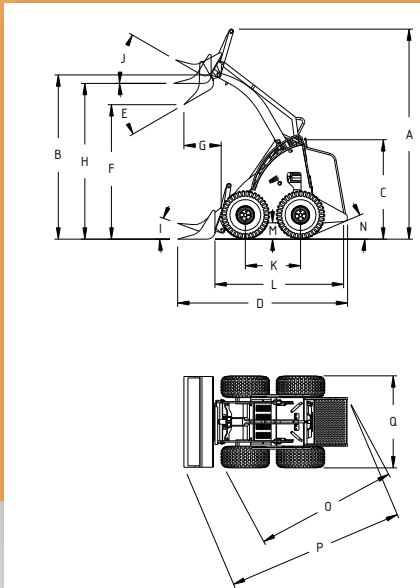
### Technical data SHERPA 100 Narrow

<b>Engine:</b>		<b>Tipping load in straight position on LCD point (kg)</b>	
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	<b>Tyres:</b>	4.00x10
Cooling:	Air		
Fuel:	Petrol (Euro 95)	<b>Brakes:</b>	
Fuel tank capacity (l):	6.1	Service brake: Hydrostatic on 2 rear wheels/ 2 front wheels through chain transmission	

<b>Drive system:</b>		<b>Steering:</b>	
Hydraulic through 2 hydraulic wheel motors		Type:	Skid steering

<b>Speed (km/h):</b>		<b>Electrical system:</b>	
0-7 (stepless)		Voltage (V):	12
<b>Capacity data:</b>		Battery capacity (Ah):	45
Breakout force (kg):	840		
Tractive force (kg):	558	<b>Kerb weight (kg):</b>	570
Hydraulic drive system (l/bar):	24/190		
Hydraulic tank capacity (l):	42		

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



# 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.



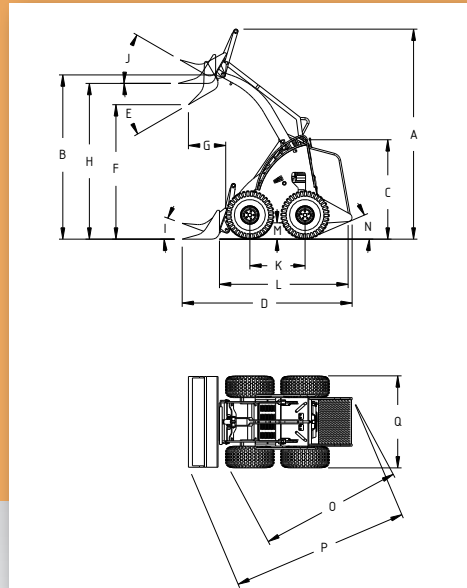
### Technical data SHERPA 100 Petrol

<b>Engine:</b>		<b>Tipping load in straight position on LCD point (kg)</b>	
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	<b>Tyres:</b>	20x11.00-8
Cooling:	Air		
Fuel:	Petrol (Euro 95)	<b>Brakes:</b>	
Fuel tank capacity (l):	16	Service brake: Hydrostatic on 2 rear wheels/ 2 front wheels through chain transmission	

<b>Drive system:</b>		<b>Steering:</b>	
Hydraulic through 2 hydraulic wheel motors		Type:	Skid steering

<b>Speed (km/h):</b>		<b>Electrical system:</b>	
0-9 (stepless)		Voltage (V):	12
<b>Capacity data:</b>		Battery capacity (Ah):	45
Breakout force (kg):	840		
Tractive force (kg):	558	<b>Kerb weight (kg):</b>	634
Hydraulic drive system (l/bar):	29/190		
Hydraulic tank capacity (l):	52		

Dimensions in mm:					
A	Maximum height with bucket up	2600	J	Bucket angle when scooping 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 when scooping low	26°			



# 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

<b>Engine:</b>		<b>Tipping load in straight position on LCD point (kg)</b>	
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	<b>Tyres:</b>	20x11.00-8
Cooling:	Water cooled (coolant)		
Fuel:	Diesel	<b>Brakes:</b>	
Fuel tank capacity (l):	16	Service brake: Hydrostatic on 2 rear wheels/ 2 front wheels through chain transmission	

<b>Drive system:</b>		<b>Steering:</b>	
Hydraulic through 2 hydraulic wheel motors		Type:	Skid steering

<b>Speed (km/h):</b>		<b>Electrical system:</b>	
0-10 (stepless)		Voltage (V):	12
<b>Capacity data:</b>		Battery capacity (Ah):	45
Breakout force (kg):	840		
Tractive force (kg):	558	<b>Kerb weight (kg):</b>	734
Hydraulic drive system (l/bar):	33/190		
Hydraulic tank capacity (l):	52		

Dimensions in mm:					
A	Maximum height with bucket up	2600	J	Bucket angle when scooping 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
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