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 (mph): 0-4
- Capacity data
  - Breakout force (lbs): 1851
  - Tractive force (lbs): 1230
  - Hydraulic drive system (psi): 2756
  - Hydraulic tank capacity (gal): 11

**Dimensions**
- A Maximum height with bucket up 100 in
- B Minimum height with bucket up 67 in
- C Maximum height with bucket 47 in
- D Length + bucket 85 in
- E Bucket angle when dumping 51°
- F Height underside of the bucket when dumping 5 8 in
- G Length from front wheel to bucket when dumping 8 in
- H Height bucket horizontally 30 in
- I Bucket angle when scooping low 26°
- J Bucket angle when scooping high 53°
- K Tipping load in straight position on LCD point (lb)
  - Pallet forks with weight low: 771
  - Pallet forks with weight high: 486
  - Bucket with weight low: 770
  - Bucket with weight high: 486
- L Tyres: 4.00x10
- M Brakes
  - Service brake: Hydrostatic on 2 rear wheels/2 front wheels through chain transmission
- N Steering
  - Type: Skid steering
- O Electrical system
  - Battery type: Traction battery
  - Voltage (V): 24
  - Battery capacity (Ah): 360
  - Kerb weight (lbs): 1591
- P Tipping load in straight position on LCD point (lb)
  - Pallet forks with weight low: 771
  - Pallet forks with weight high: 486
  - Bucket with weight low: 770
  - Bucket with weight high: 484

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