

Neuson Fourwheel drive dumper

Technical Data

5001



Capacity

Max. safe load	5000 kg
Unladen weight	3140 kg
Skip - struck	2000 l
- heaped	2700 l
- water level	1400 l
- swing	180-217 °



Engine

Make	Deutz
Type	F4M2011
	4 cylinder, oil cooled
Output (Iso 3046/1)	46,5 kw (hp)
Revolution	2600 min ⁻¹
Displacement	3108 ccm
Emission	acc. 97/68/EG, step 2



Drive characteristics

Speed I	0 - 8 km/h
Speed II	0 - 25 km/h
Steering angle	+/- 37 °
Oscillation	+/- 15 °
Turning radius outside	4425 mm
Gradeability	50 %



Transmission

Final Drive	automotive hydrostatic drive via dropbox to axle and wheels
Steering	hydrostatic center-pivot steering (load Sensing)
Tyres	12,5/80-18 12 Ply Traction profile
Working brake	foot brake via oil discs in front axle
Parking brake	parking brake via oil discs in front axle



Hydraulic System

Drive pump	axial piston pump
- flowrate	157 l/min
- oper. press.	450 bar
Working pump	gear pump
- flowrate	45 l/min
- oper. press.	175 bar



Tank capacity

Diesel	40 l
Hydraulic	48 l



Electric

Voltage	12 V
Battery	88 Ah
Alternator	40 A
Starter	2,3 kw

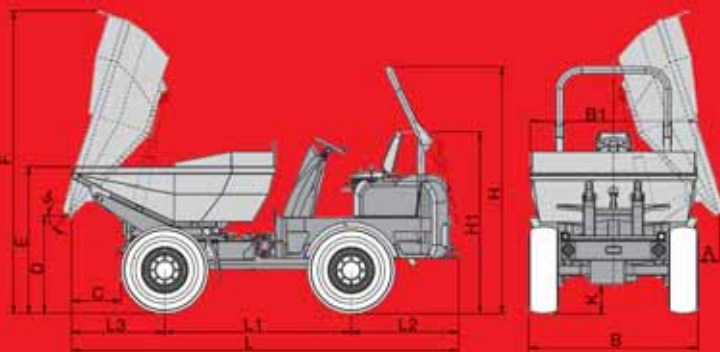


Noise Emission

Noise Level LWA (acc. 2000/14/EC)	104 dB(A)
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Dimension



	A	B	B1	C	D	E	F
mm	250	1920	1900	610	1110	1650	3400
	H	H1	K	L	L1	L2	L3
mm	2800	2010	370	4385	2110	1215	1060



Features

- Power swivel skip enabling discharge either side
- Excellent rough terrain performance from hydrost. permanent 4-wheel drive
- Heavy duty construction; skip with 5-8 mm steel plate, reinforced with box sections
- Simple and safe operation; drive direction and speed switch on the steering column.
- Acceleration by foot pedal and braking from hydrost. retardation
- Wide, heavy duty center console protects driver legs
- Simple and clear dashboard including fuel gauge, hourmeter, warning lights for-parking brake, oil filter, oil pressure, engine temperature
- Folding ROPS as standard
- Easy access for service maintenance
- Towing bracket as standard
- Differential lock in front axle



Optional equipment

- Road Lights
- Flashing Beacon
- Reversing Alarm
- Spare Wheel
- Biodegradable hydraulic oil
- Trailer socket

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