

# Neuson Fourwheel drive dumper

## Technical Data

# 3001



### Capacity

|                |           |
|----------------|-----------|
| Max. safe load | 3000 kg   |
| Unladen weight | 2560 kg   |
| Skip - struck  | 1250 l    |
| - heaped       | 1850 l    |
| - water level  | 850 l     |
| - swing        | 180-217 ° |



### Engine

|                     |                       |
|---------------------|-----------------------|
| Make                | Yanmar                |
| Type                | 3 TNV 88              |
|                     | 3-cyl, watercooled    |
| Output (Iso 3046/1) | 25,2 (34,3) kw (hp)   |
| Revolution          | 2800 min-1            |
| Displacement        | 1642 ccm              |
| Max. Torque         | 105 Nm                |
| Emission            | acc. 97/68/EG, step 2 |



### Drive characteristics

|                        |             |
|------------------------|-------------|
| Speed I                | 0 - 7 km/h  |
| Speed II               | 0 - 21 km/h |
| Steering angle         | +/- 37 °    |
| Oscillation            | +/- 15 °    |
| Turning radius outside | 3650 mm     |
| Gradeability           | 50 %        |



### Transmission

|               |   |
|---------------|---|
| Final Drive   | automotive hydrostatic drive via dropbox to axle and wheels |
| Steering      | hydrostatic center-pivot steering (load Sensing)            |
| Tyres         | 11.50/80-15,3<br>10 Ply<br>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     | 126 l/min         |
| - oper. press. | 360 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    | 1,4 kw |

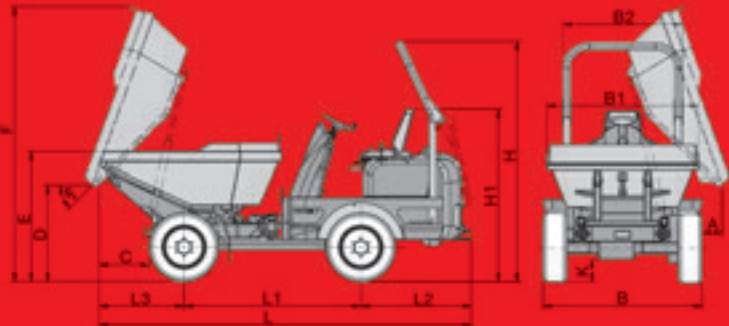


### Noise Emission

|                                   |           |
|-----------------------------------|-----------|
| Noise Level LWA (acc. 2000/14/EC) | 103 dB(A) |
| Noise Level LPA (acc. 2000/14/EC) | 83 dB(A)  |



### Dimension



|    | A    | B    | B1   | B2   | C    | D    | E    | F    |
|----|------|------|------|------|------|------|------|------|
| mm | 200  | 1745 | 1670 | 1300 | 551  | 1060 | 1390 | 3020 |
|    | H    | H1   | K    | L    | L1   | L2   | L3   |      |
| mm | 2650 | 1880 | 240  | 4075 | 1935 | 1210 | 930  |      |



### 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
- Turf Profile Tyres
- Biodegradable hydraulic oil
- Trailer socket

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We reserve the right to change the above specification w/o prior notice.  
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