DW50 Wheel Dumpers







Professional material handling - agile, fast and effective.

Compact dimensions provide the agility of the 3-ton class. The DW50 can easily compete with the big ones: an innovative concept of cockpit and driver stand including joystick controls, spring-loaded parking brake and many other well thought out details provide highest ease of use. The payload of 5.000 kg and a driving speed of up to 28 km/h make the DW50 an effective workhorse that can handle lots of material quickly and easily.

- Efficient hydrostatic all-wheel drive with ECO mode for reduced fuel consumption.
- Large servicing and maintenance access: one-piece flip-up engine hood.
- Articulated steering with well-protected integrated hose guiding.
- Up to 28 km/h driving speed for rapid transportation tasks.

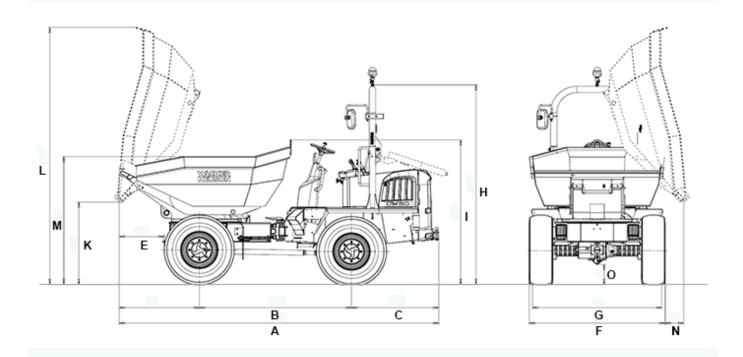
DW50 Technical specifications

with swivel tip skip

Operating data

| Operating data | |
|---------------------------------------|-----------------------|
| Payload | 5,000 kg |
| Shipping weight ROPS | 3,445 kg |
| Skip capacity struck | 1,970 |
| Skip capacity heaped | 2,650 |
| Skip capacity water volume | 1,280 |
| Engine / Motor | |
| Engine / Motor manufacturer | Deutz |
| Engine / Motor type | TCD 2.9 |
| Engine performance acc. to ISO 3046/1 | 55.4 kW |
| Emission standards stage | 5 |
| Displacement | 2,900 cm³ |
| Engine RPM | 2300 rpm |
| Travel speed Option | 28 km/h |
| Travel speed | 25 km/h |
| Articulation angle | 37 ° |
| Pendulum angle | 15 ° |
| Turning radius | 4,250 mm |
| Gradeability | 50 % |
| Tires | 12.5 - 18/16 |
| LxWxH | 4495 x 1915 x 2815 mm |
| Steering pump | Axial piston pump |
| Flow rate | 132 l/min |
| Operating pressure | 450 bar |
| Duty pump | Gear pump |
| Flow rate | 45 l/min |
| Operating pressure | 220 bar |
| Fuel tank capacity | 50 I |
| Sound level (LwA) | 101 dB(A) |
| | |

DW50 Dimensions



| Α | Overall length | 4,495 mm |
|---|-------------------------|----------|
| В | Wheelbase | 2,140 mm |
| С | Rear overhang | 1,230 mm |
| Е | Dumping distance | 630 mm |
| F | Width | 1,915 mm |
| G | Skip width | 1,910 mm |
| Н | Height ROPS | 2,815 mm |
| I | Height ROPS down | 2,030 mm |
| K | Dump height max. | 1,160 mm |
| L | Skip height tilted skip | 3,620 mm |
| М | Skip height | 1,790 mm |
| N | Dumping distance | 260 mm |
| 0 | Ground clearance | 290 mm |
| | Dump angle | 48 ° |

Please note: that product availability can vary from country to country. It is possible that information / products may not be available in your country. More detailed information on engine power can be found in the operator's manual; the stated power may vary due to specific operating conditions. Subject to alterations and errors excepted. Applicable also to illustrations.

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