



DW50

Wheel Dumper

Optimized for maximum safety and performance

An optimized skip format for even greater water volume and minimized risk of damage when loading and unloading with the excavator bucket, as well as a variety of details that clearly make it outstanding in terms of comfort and safety, make up the DW50. The operator benefits from many storage options, some also lockable, and safety features such as cameras in both directions, rear LED lights incl. dynamic turn signals as well as cruise control and a large clear display. This makes safe work fun.

Highlights

- Seat belt monitoring
- Sturdy skip guard
- Rear LED lights incl. dynamic turn signals
- Auto-stop function
- Active Sense Control

Technical Data

Hydraulic

| | |
|-------------------------------|------------|
| Operating pressure hydraulics | 220.0 bar |
| Hydraulicpump | ZRP |
| Flow rate | 58.0 l/min |
| Tank capacity | 40.0 l |

Mechanical - Output Details

| | |
|-----------------------|-----------|
| Travel speed | 25.0 km/h |
| Travel speed (Option) | 28.0 km/h |

Mechanical Details

| | |
|------------------------------|----------------------|
| Length | 4,412.0 mm |
| Width | 1,905.0 mm |
| Height | 2,813.0 mm |
| Payload | 5,000.0 kg |
| Skip capacity levelled | 2,000.0 l |
| Skip capacity heaped | 2,650.0 l |
| Skip capacity waterlevel | 1,320.0 l |
| Pendulum angle | 15.0 ° |
| Operating weight (min.-max.) | 3,235.0 - 3,642.0 kg |

Engine

| | |
|-------------|-------------------|
| Cooling | Water-cooling |
| Engine type | Turbodieselengine |

| | |
|----------------------|-------------------------|
| Cylinder | 3.0 |
| Cylinder capacity | 2,200.0 cm ³ |
| Fuel | HVO EN15940 |
| Tank capacity | 60.0 l |
| Effective power | 44.5 KW |
| Nominal Engine speed | 2,300.0 1/min |
| Engine Manufacturer | Deutz |
| Engine Designation | TD 2.2 L3 |

Environment Data

| | |
|-----------------------------|-------------|
| Sound power LWA, guaranteed | 101.0 dB(A) |
|-----------------------------|-------------|

Chassis

| | |
|--------------------|-------------------|
| Turning radius | 4,280.0 mm |
| Articulation angle | 37.0 ° |
| Traction drive | 4WD hydrostatic |
| Hydraulik Pump | Axialpistonpump |
| Operating pressure | 470.0 bar |
| Flow rate | 123.0 l/min |
| Tires | 12.5-18/16 MPT-01 |

Shipping and Storage

| | |
|-----------------|------------|
| Shipping weight | 3,106.0 kg |
|-----------------|------------|

Available engines

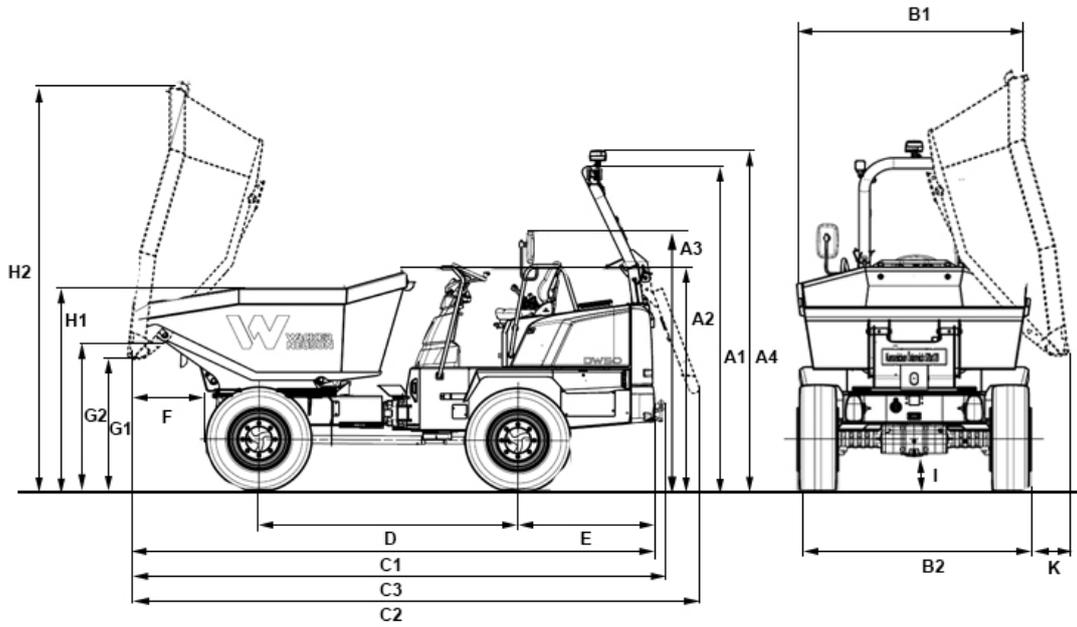
55,4 kW Diesel engine (Stage 5)

| | |
|-------------------------|-------------------------------|
| Cooling | Water-cooling |
| Engine type | Turbodieselengine air cooling |
| Cylinder | 4 |
| Cylinder capacity | 2,925 cm3 |
| Effective power | 55.4 KW |
| Nominal Engine speed | 2,300 kg/m2s |
| Starter battery Voltage | 12 V |
| Engine Manufacturer | Deutz |
| Engine Designation | TD2.9 L4 |
| Stroke | 110 mm |
| Bore | 92 mm |

44,5 kW Diesel engine (Stage 5)

| | |
|-------------------------|-------------------|
| Cooling | Water-cooling |
| Engine type | Turbodieselengine |
| Cylinder | 4 |
| Cylinder capacity | 2,200 cm3 |
| Effective power | 44.5 KW |
| Nominal Engine speed | 2,300 kg/m2s |
| Starter battery Voltage | 12 V |
| Engine Manufacturer | Deutz |
| Engine Designation | TD 2.2 L3 |

Dimensions



| | | |
|----|----------------------------------|----------|
| A1 | Height ROPS | 2,813 mm |
| A2 | Height of ROPS tilted | 1,974 mm |
| A3 | Height above operator's stand | 2,189 mm |
| A4 | Height ROPS with rotating beacon | 2,924 mm |
| B2 | Width of vehicle | 1,926 mm |
| B1 | Width of skip | 1,926 mm |
| C1 | Total length ROPS | 4,412 mm |
| C2 | Total length ROPS tilted | 4,790 mm |
| C3 | Total length with towing device | 4,498 mm |
| D | Wheel base | 2,190 mm |
| E | Rear overhang | 1,157 mm |
| F | Dumping width | 570 mm |
| G1 | Dumping height max. | 1,141 mm |
| G2 | Load-over height | 1,291 mm |
| H1 | Skip height | 1,747 mm |
| H2 | Skip height tilted | 3,509 mm |
| I | Ground clearance | 312 mm |
| | Dumping angle | 48 ° |
| K | Dumping width lateral | 316 mm |