



## DV100

### Dual View Dumper

The measure of class and safety.

The powerful engine combined with the high payload (up to 10 tons) combine high material handling with the pulling power it needs. Efficiency utilized to the maximum. And the high safety precautions of the machine such as the entry in signal color, the hill-hold function for mountain travel or the special reversing tone prevent accidents and inattentiveness. This size is a real must-have on the construction site. More power, more bite. With the larger engine, you immediately feel the power during all work and on the road. More tractive force and better acceleration, on any terrain.

### Highlights

- Swiveling operator's seat with plenty of legroom
- Seat belt monitoring with start release
- Fold-down armrest for entry and exit from both sides
- 10-ton payload
- Active Sense Control

### Technical Data

#### Hydraulic

|                               |            |
|-------------------------------|------------|
| Operating pressure hydraulics | 240.0 bar  |
| Flow rate                     | 73.0 l/min |
| Tank capacity                 | 48.0 l     |

#### Mechanical - Output Details

|                        |               |
|------------------------|---------------|
| Nominal rotation speed | 2,300.0 1/min |
| Travel speed           | 25.0 km/h     |

#### Mechanical Details

|                              |                      |
|------------------------------|----------------------|
| Length                       | 4,660.0 mm           |
| Width                        | 2,420.0 mm           |
| Height                       | 3,029.0 mm           |
| Payload                      | 10,000.0 kg          |
| Skip                         | Front tip skip       |
| Skip capacity levelled       | 4,150.0 l            |
| Skip capacity heaped         | 5,000.0 l            |
| Skip capacity waterlevel     | 2,550.0 l            |
| Pendulum angle               | 11.0 °               |
| Operating weight (min.-max.) | 4,931.0 - 5,132.0 kg |

#### Engine

|         |               |
|---------|---------------|
| Cooling | Water-cooling |
|---------|---------------|

|                      |               |
|----------------------|---------------|
| Engine type          | Diesel engine |
| Cylinder             | 4.0           |
| Cylinder capacity    | 2,924.0 cm3   |
| Fuel                 | HVO EN15940   |
| Tank capacity        | 60.0 l        |
| Effective power      | 55.4 KW       |
| Nominal Engine speed | 2,300.0 1/min |
| Maximum torque       | 260.0 Nm      |
| Exhaust-gas limit    | EU Stage V    |
| Engine Manufacturer  | Deutz         |
| Engine Designation   | TD2.9 L4      |

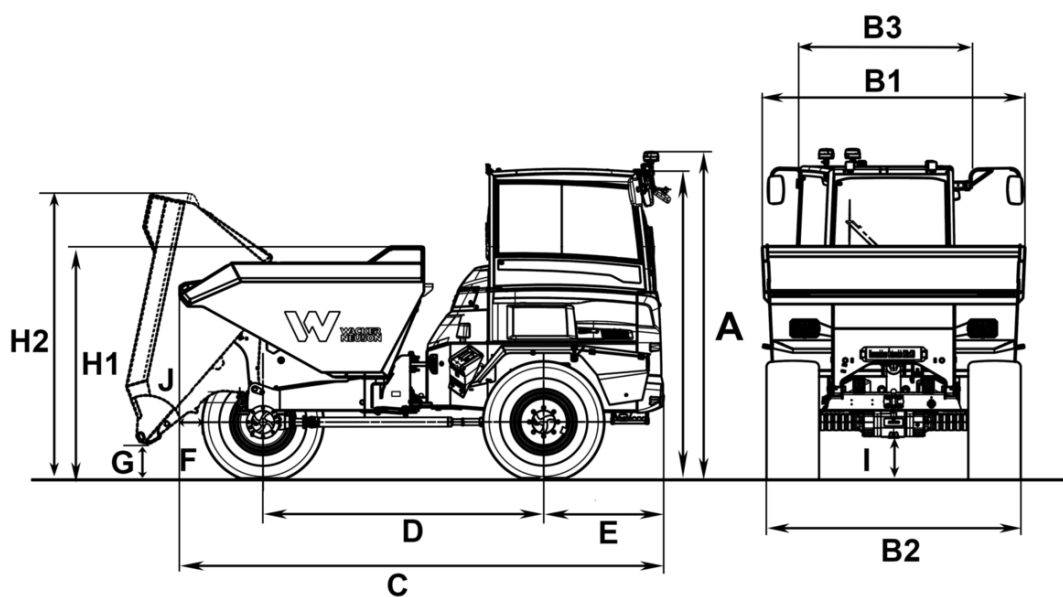
#### Environment Data

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

#### Chassis

|                    |                 |
|--------------------|-----------------|
| Turning radius     | 6,660.0 mm      |
| Articulation angle | 28.0 °          |
| Hydraulik Pump     | Axialpistonpump |
| Flow rate          | 123.0 l/min     |

## Dimensions



|    |                                    |          |
|----|------------------------------------|----------|
| A  | Height with cab                    | 2,974 mm |
|    | Height of cab with rotating beacon | 3,139 mm |
| B1 | Width of cab                       | 1,731 mm |
| B2 | Width of vehicle                   | 2,420 mm |
| B3 | Width of skip                      | 2,504 mm |
| C  | Total length of cab                | 4,660 mm |
| D  | Wheel base                         | 2,700 mm |
| E  | Rear overhang                      | 1,157 mm |
| F  | Dumping width                      | 729 mm   |
| G  | Dumping height max.                | 333 mm   |
| H1 | Skip height                        | 2,073 mm |
| H2 | Skip height tilted                 | 2,740 mm |
| I  | Ground clearance                   | 390 mm   |
| J  | Dumping angle                      | 49 °     |