



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	3,480.0 psi
Flow rate	19.3 gal/mi
Tank capacity	12.7 gal US

Mechanical - Output Details

Nominal rotation speed	2,300.0 1/min
Travel speed	15.5 m/H

Mechanical Details

Length	183.5 "
Width	95.3 "
Height	119.3 "
Payload	22,046.2 lb
Skip	Front tip skip
Skip capacity levelled	5.4 yd ³
Skip capacity heaped	6.5 yd ³
Skip capacity waterlevel	3.3 yd ³
Pendulum angle	11.0 °
Operating weight (min.-max.)	10,871.0 - 11,314.1 lb

Engine

Cooling	Water-cooling
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Engine type	Diesel engine
Cylinder	4.0
Cylinder capacity	178.4 Inch ³
Fuel	HVO EN15940
Tank capacity	15.9 gal US
Effective power	74.3 hp
Nominal Engine speed	2,300.0 1/min
Maximum torque	192.6 lb/ft
Exhaust-gas limit	EU Stage V
Engine Manufacturer	Deutz
Engine Designation	TD2.9 L4

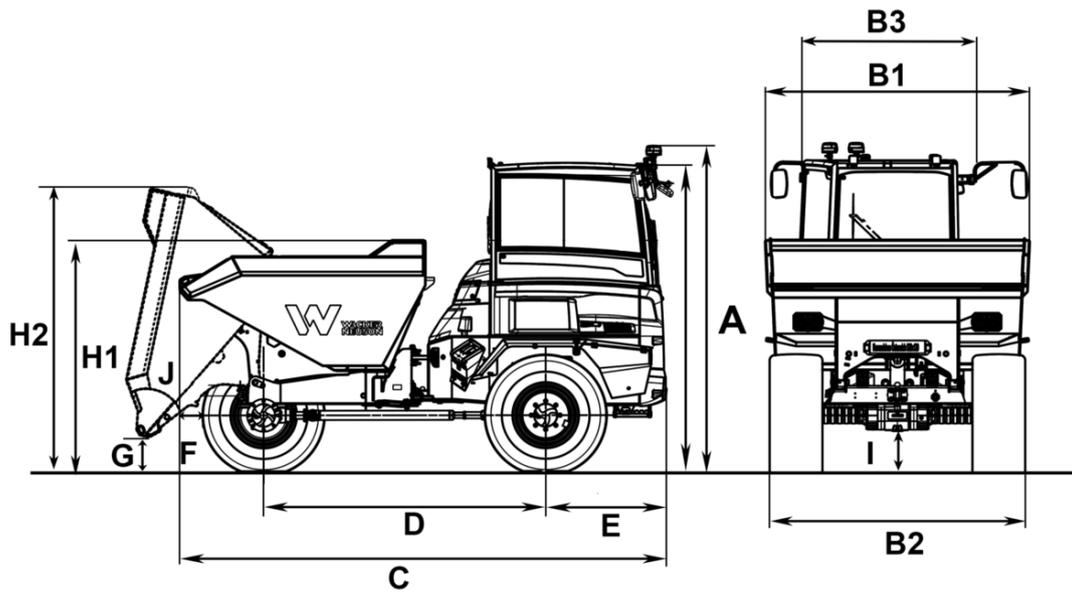
Environment Data

Sound power LWA, guaranteed	101.0 dB(A)
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Chassis

Turning radius	262.2 "
Articulation angle	28.0 °
Hydraulik Pump	Axialpistonpump
Flow rate	32.5 gal/mi

Dimensions



A	Height with cab	117 in
	Height of cab with rotating beacon	123.6 in
B1	Width of cab	68.1 in
B2	Width of vehicle	95.3 in
B3	Width of skip	98.6 in
C	Total length of cab	183.5 in
D	Wheel base	106.3 in
E	Rear overhang	45.6 in
F	Dumping width	28.7 in
G	Dumping height max.	13.1 in
H1	Skip height	81.6 in
H2	Skip height tilted	107.9 in
I	Ground clearance	15.4 in
J	Dumping angle	49 °