





# **DV90**

## **Dual View Dumper**

Rotation for safety.

More legroom and the exit option in both seating directions enable even safer and more efficient application of the machine. Up to 9 tons of payload not only offers plenty of materials handling per trip, but is also optionally supported by a power engine, which noticeably increases the tractive force and power. Additional safety features complete the power: Hill-hold function, seat belt monitoring and many other highlights think before anything can even happen.

### 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
- Power version
- Active Sense Control

### **Technical Data**

### Hydraulic

Operating pressure hydraulics	240.0 bar
Hydraulicpump	ZRP
Flow rate	73.0 l/min
Tank capacity	48.0

### Mechanical - Output Details

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

Mechanical Details				
Length	4,622.0 mm			
Width	2,420.0 mm			
Height	3,483.0 mm			
Payload	9,000.0 kg			
Skip	Front tip skip			
Skip capacity levelled	3,750.0			
Skip capacity heaped	4,600.0 l			
Skip capacity waterlevel	2,400.0			
Pendulum angle	11.0 °			
Operating weight (minmax.)	4,852.0 - 5,101.0 kg			
■ Engine				

Water-cooling

Engine type	Diesel engine
Cylinder	4.0
Cylinder capacity	2,924.0 cm3
Fuel	HVO EN15940
Tank capacity	60.0
Effective power	55.4 KW
Nominal Engine speed	2,300.0 1/min
Maximum torque	260.0 Nm
Engine speed (max. torque)	1,600.0 1/min
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	6,620.0 mm
Articulation angle	28.0 °
Hydraulik Pump	Axialpistonpump
Flow rate	123.0 l/min
Shipping and Storage	
Shipping weight	4,545.0 kg

The illustrations, equipment and data shown may deviate from the current delivery program of your country. Optional equipment subject to additional charge may be shown. Subject to changes.

Cooling

## Available engines

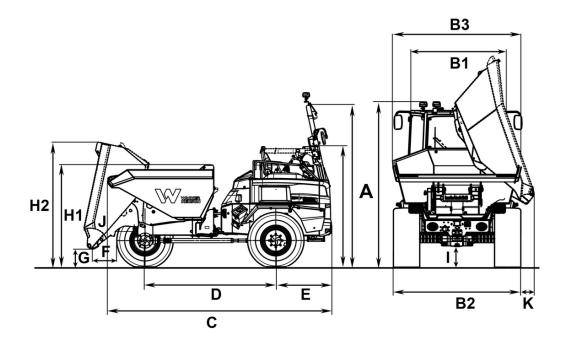
## 100 kW Turbo diesel engine (Stage 5)

Engine type	Diesel engine
Effective power	100 KW
Nominal Engine speed	2,300 1/min
Starter battery Voltage	12 V
Engine Manufacturer	Deutz
Engine Designation	TCD3.6 L4

## 55,4 kW Diesel engine (Stage 5)

oling Water-coc	
Engine type	Diesel engine
Engine operating mode	four-stroke
Cylinder	4
Cylinder capacity	2,924 cm3
Power rating max.	55.4 KW
Engine speed (Power max.)	2,300 1/min
Engine Manufacturer	Deutz
Engine Designation	TCD 2,9 L4
Alternator	12V DC - 95A

### **Dimensions**



Α	Height ROPS	3,483 mm
	Height ROPS with rotating beacon	3,593 mm
Α	Height of ROPS tilted	2,473 mm
	Height with cab	2,974 mm
Α	Height of cab with rotating beacon	3,139 mm
B1	Width of cab	1,629 mm
B2	Width of vehicle	2,420 mm
B3	Width of skip	2,486 mm
С	Total length ROPS	4,622 mm
	Total length of cab	4,622 mm
D	Wheel base	2,700 mm
Е	Rear overhang	1,157 mm
F	Dumping width	674 mm
G	Dumping height max.	365 mm
H1	Skip height	2,099 mm
H2	Skip height tilted	2,573 mm
I	Ground clearance	390 mm
J	Dumping angle	49 mm