



DW40

Wheel Dumper

Reliable, safer and durable for material handling

With modern engine technology, the wheel dumper fleet can reach a speed of 25 km/h with a total payload of four metric tons. In doing so, the operator can rely on very high safety standards: The skip and tilt monitoring warns the operator of an unsafe use of the machine, while the cameras to the front and rear, including a washing system, provide the surroundings on a large 7-inch display. These and many other safety features make the DW40 a partner on the construction site, which can prevent accidents and noticeably increase the operator's level of comfort.

Highlights

- Hill-Hold function
- Skip monitoring
- Hydrostatic 4-wheel drive
- Inclination monitoring
- Seat belt monitoring with start release

Technical Data

Hydraulic

Operating pressure	220.0 bar
hydraulikpump	ZRP
Flow rate	38.0 l/min

Mechanical - Output Details

Travel speed	25.0 km/h
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Mechanical Details

Length	4,269.0 mm
Width	1,780.0 mm
Height	2,860.0 mm
Payload	4,000.0 kg
skip	Swivel skip
Skip capacity levelled	1,800.0 l
Skip capacity heaped	2,300.0 l
Skip capacity waterlevel	1,190.0 l
Pendulum angle	12.0 °
Operating weight (min.-max.)	2,640.0 - 2,950.0 kg

Engine

Cooling	Water-cooling
Motor type	Diesel engine
Cylinder	3.0

Cylinder capacity	1,663.0 cm3
Inclined position max.	25.0 °
Fuel type	Diesel EN 590
Effective power	36.0 KW
Nominal Engine speed	2,800.0 1/min
Exhaust-gas limit	EU Stage V
Starter battery Voltage	12.0 V
Manufacturer	Perkins
Engine designation	403J-E17T

Environment Data

Sound power LWA, measured	97.4 dB(A)
Sound power LWA, guaranteed	101.0 dB(A)
Sound power LWA (Standard)	ISO 6395

Operating Fluids

Fuel specification	Diesel EN 590
Fuel Tank Volume	45.0 l

Chassis

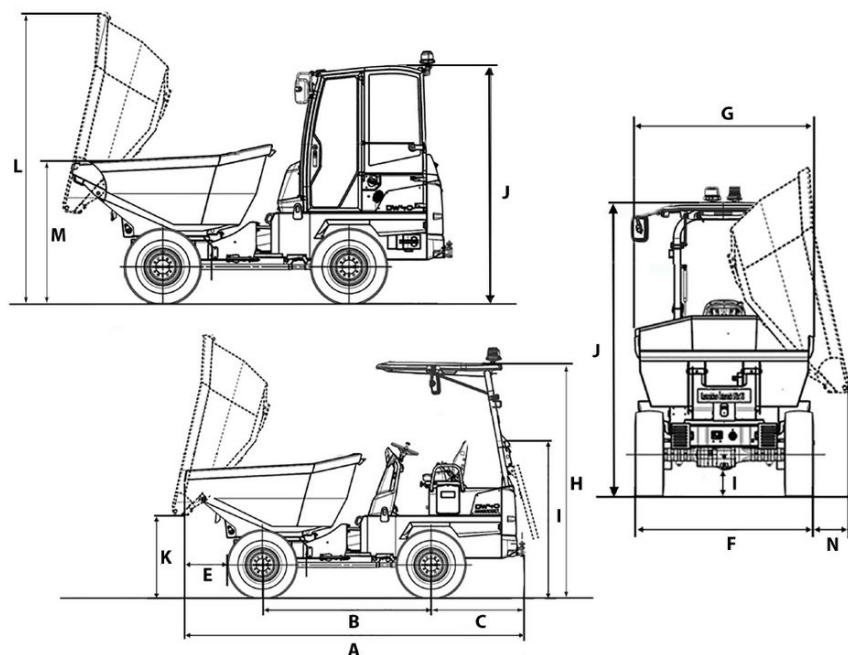
Turning radius	4,030.0 mm
Articulation angle	36.0 °
drive unit	Swash plate motor
hydraulikpump	Axialpistonpump

Operating pressure	420.0 bar
Flow rate	99.0 l/min
tires	11.5/80-15,3 - 14PR

■ **Shipping and Storage**

Shipping weight	2,575.0 kg
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Dimensions



A	Total length	4,269 mm
B	Wheel base	2,090 mm
C	Rear overhang	1,072 mm
E	Dumping width	567 mm
F	Width of vehicle	1,780 mm
G	Width of skip	1,780 mm
H	Height ROPS	2,857 mm
I	Height of ROPS tilted	1,945 mm
J	Height with cab	2,690 mm
K	Dumping height max.	1,014 mm
L	Skip height tilted	3,298 mm
M	Skip height	1,582 mm
N	Dumping width lateral	237 mm