

DW30

Wheel Dumper

Compact, safe and a very versatile machine

The all-wheel drive system and the constant tractive force combined with the articulated pendulum joint and the gradeability of up to 50% make the DW30 a real off and on-road pro. At the same time, the low service and maintenance costs associated with it are impressive. An engine with higher performance that gives the DW30 additional power is also available as an option. The optional cab is a benefit when working in the rain, cold or heat. The intuitive operating concept with joystick controls and clearly arranged instrument panel allows the operator to concentrate fully on the task. The high swivel tip skip with tilt sensor fulfills the requirements for all applications. Long maintenance intervals reduce required maintenance to a minimum, saving money and time.

Highlights

- Extended maintenance intervals
- Tilt sensor for the high swivel tip skip
- Automatic brake lights with the hydrostatic braking function
- Auto-stop function
- Sturdy skip guard

Technical Data

Hydraulic

Operating pressure hydraulics	200.0 bar
Hydraulicpump	ZRP
Flow rate	33.0 l/min

Mechanical - Output Details

Gradeability	60.0 %
Travel speed	20.0 km/h
Travel speed (Option)	25.0 km/h

Mechanical Details

Length	3,904.0 - 4,045.0 mm
Width	1,730.0 mm
Height	2,969.0 mm
Weight	1,987.00 kg
Payload	3,000.0 kg
Skip capacity levelled	1,420.0 l
Skip capacity heaped	1,800.0 l
Skip capacity waterlevel	1,110.0 l
Pendulum angle	15.0 °
Operating weight (min.-max.)	2,048.0 - 2,506.0 kg

Engine

Cooling	Water-cooling
Engine type	Diesel engine
Cylinder	3.0
Cylinder capacity	1,116.0 cm³
Fuel	Diesel EN 590
Effective power	18.9 kW
Nominal Engine speed	3,000.0 1/min
Exhaust-gas limit	EU Stage V
Engine Manufacturer	Yanmar
Engine Designation	3TNV76-UDWN

Environment Data

Sound power LWA, guaranteed	101.0 dB(A)

Chassis

Turning radius	3,900.0 mm
Articulation angle	36.0 °
Traction drive	Swash plate motor
Hydraulik Pump	Axialpistonpump
Operating pressure	445.0 bar

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Flow rate	66.0 l/min
Tires	10.0/75-15.3 10PR

Shipping and Storage

Shipping weight	1,937.0 kg

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Available engines

Yanmar 3TNV76-UDWN EPA Tier 4, EU Stage V

Cooling	Water-cooling
Engine type	Diesel engine
Cylinder	3
Cylinder capacity	1,116 cm³
Effective power	18.9 kW
Nominal Engine speed	3,000 1/min
Exhaust-gas limit	EPA Tier 4, EU Stage V
Starter battery Voltage	12 µg/l
Engine Manufacturer	Yanmar
Engine Designation	3TNV76-UDWN
Stroke	82 mlai
Bore	76 mlai

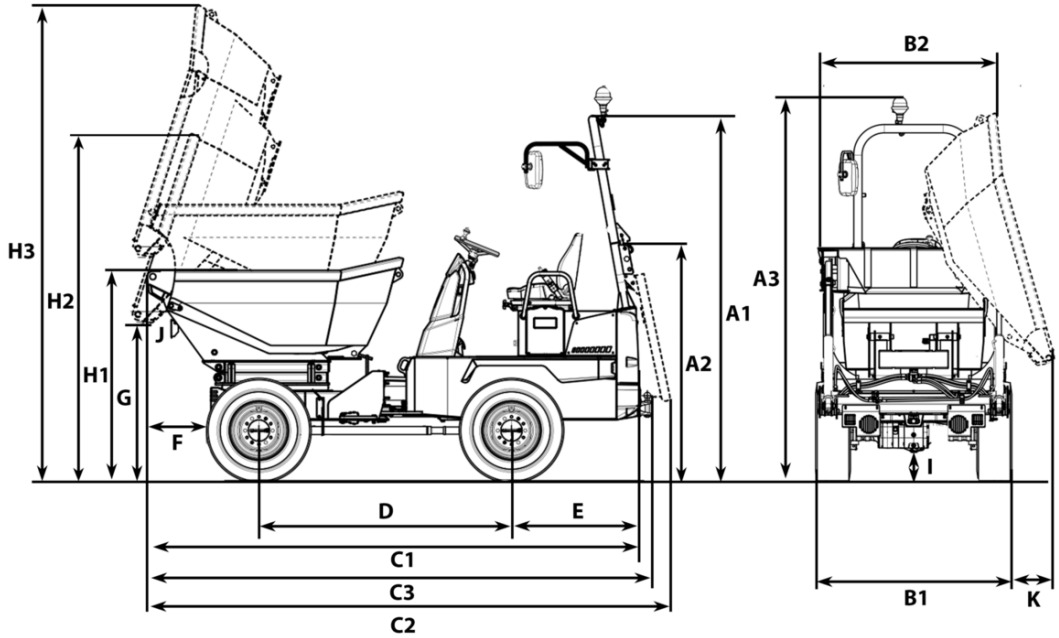
36 kW Diesel engine (Stage 5)

Cooling	Water-cooling
Engine type	Diesel engine
Cylinder	3
Cylinder capacity	1,663 cm³
Effective power	36 kW
Nominal Engine speed	2,800 1/min
Exhaust-gas limit	EU Stage V
Starter battery Voltage	12 µg/l
Engine Manufacturer	Perkins
Engine Designation	403J-E17T
Stroke	100 mlai
Bore	84 mlai

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Dimensions



		Front tip skip	Swivel tip skip	Concrete skip	High swivel tip skip	
A1	Height ROPS	2,799 mm	2,799 mm	2,799 mm	2,799 mm	2,799 mm
	Height with cab	2,689 mm	2,689 mm	2,689 mm	2,689 mm	2,689 mm
A2	Height of ROPS tilted	1,913 mm	1,913 mm	1,945 mm	1,945 mm	1,913 mm
B1	Width of vehicle	1,730 mm	1,730 mm	1,730 mm	1,730 mm	
B2	Width of skip	1,730 mm	1,730 mm	1,730 mm	1,730 mm	1,740 mm
C1	Total length ROPS	3,710 mm	3,828 mm	4,806 mm	4,071 mm	
	Total length of cab	4,139 mm	4,139 mm	4,139 mm	4,139 mm	
C2	Total length ROPS tilted	3,984 mm	4,102 mm	5,062 mm	4,326 mm	
C3	Total length with towing device	3,786 mm	3,906 mm	4,890 mm	4,156 mm	
D	Wheel base	1,945 mm	1,945 mm	1,945 mm	1,945 mm	
E	Rear overhang	963 mm	963 mm	963 mm	963 mm	
F	Dumping width	543 mm	482 mm	539 mm	492 mm	
G	Dumping height max.		994 mm	363 mm	1,268 mm	
G2	Dumping height max., high swivel tip skip raised				1,929 mm	
H1	Skip height	1,473 mm	1,475 mm	1,698 mm	1,639 mm	
H2	Skip height tilted	2,074 mm	3,082 mm	3,040 mm	3,342 mm	
H3	Skip height tilted, high tip skip raised				3,915 mm	
J	Dumping angle	48 °	48 °	48 °	46 °	
K	Dumping width lateral			828 mm	162 mm	

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