



**WACKER
NEUSON**
all it takes!

DW30

1000390633

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DW30

Material number 1000390633



The compact and durable DW wheel dumper increases not only productivity in materials handling, but also the safety of the operator and that of the entire construction site thanks to many safety features.

Product details

- 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

Standard Components

General

- Payload 3,000 kg
- Front tip skip (volume struck 1,420 L, heaped 1,800 L, water mass 1,110 L)
- Roll Over Protective Structure (ROPS) with gas-pressurized spring (transport height folded 1,913 mm)
- Speed: 20 km/h
- Watertight, lockable document box
- Battery main switch very easy to reach from the ground
- Tires 11.5/80-15.3 (Mitas, TS-05) tread with very good traction, also for application in the industrial sector

Engine

- Water-cooled Yanmar diesel engine, model 3TNV76, 3 cylinders / 1,116 ccm, engine output 18.9 kW (25.7 hp), 3,000 rpm (stage 5)

Hydraulics

- Permanent all-wheel drive
- Partially-locked differential on the front axle
- Hydrostatic drive system incl. hydrostatic brake and brake light
- Hydrostatic articulated frame steering (load sensing)
- Electrically operated spring-loaded parking brake

- Electrically operated spring-loaded parking brake

Comes with

Machine

Technical specifications

DW30

HYDRAULIC

Operating pressure hydraulics	200,0 bar
Hydraulicpump	ZRP
Flow rate	33 l/min

MECHANICAL DETAILS

Length	3.904 - 4.045 mm
Width	1.730 mm
Height	2.969 mm
Weight	1.987,00 kg
Skip capacity levelled	1.420 l
Skip capacity heaped	1.800 l
Operating weight (min.-max.)	2.048 - 2.506 kg
Payload	3.000 kg
Skip capacity waterlevel	1.110 l
Pendulum angle	15 °

ENGINE

Engine type	Diesel engine, Diesel engine, Diesel engine
Effective power	18,9 kW, 18,9 kW, 36,0 kW
Nominal Engine speed	3.000 1/min, 3.000 1/min, 2.800 1/min
Cylinder	3, 3, 3
Cylinder capacity	1.116 cm3, 1.663 cm3, 1.116 cm3
Engine Manufacturer	Yanmar, Perkins, Yanmar

Engine Designation	3TNV76-UDWN, 403J-E17T, 3TNV76-UDWN
Stroke	82 mm, 100 mm
Bore	76 mm, 84 mm
Cooling	Water-cooling, Water-cooling, Water-cooling
Exhaust-gas limit	EPA Tier 4, EU Stage V, EU Stage V, EU Stage V
Starter battery Voltage	12 V, 12 V

MECHANICAL - OUTPUT DETAILS

Gradeability	60,0 %
Travel speed	20,0 km/h
Travel speed (Option)	25,0 km/h

CHASSIS

Turning radius	3.900 mm
Articulation angle	36 °
Traction drive	Swash plate motor
Hydraulikpump	axialpistonpump
Operating pressure	445 bar
Flow rate	66 l/min
Tires	10.0/75-15.3 10PR

ENVIRONMENT DATA

Sound power LWA, guaranteed	101,0 dB(A)
Exhaust-gas limit	EU Stage V, US TIER 4, EU Stage V

SHIPPING AND STORAGE

Shipping weight	1.937,00 kg
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SHIPPING AND STORAGE

Shipping weight	4.270,4 lb
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ENGINE

Engine type	Diesel engine, Diesel engine, Diesel engine
Effective power	25,3 hp, 25,3 hp, 48,3 hp
Nominal Engine speed	3.000 1/min, 3.000 1/min, 2.800 1/min
Cylinder	3, 3, 3
Cylinder capacity	68,1 Inch3, 101,5 Inch3, 68,1 Inch3
Engine Manufacturer	Yanmar, Perkins, Yanmar
Engine Designation	3TNV76-UDWN, 403J-E17T, 3TNV76-UDWN
Stroke	82 mm, 100 mm
Bore	76 mm, 84 mm
Cooling	Water-cooling, Water-cooling, Water-cooling
Exhaust-gas limit	EPA Tier 4, EU Stage V, EU Stage V, EU Stage V
Starter battery Voltage	12 V, 12 V

ENVIRONMENT DATA

Sound power LWA, guaranteed	101,0 dB(A)
Exhaust-gas limit	EU Stage V, US TIER 4, EU Stage V

MECHANICAL DETAILS

Length	153,7 - 159,3 "
Width	68,1 "
Height	116,9 "
Weight	4.380,59 lb
Skip capacity levelled	375,1 gal US
Skip capacity heaped	475,5 gal US
Operating weight (min.-max.)	4.515,1 - 5.524,8 lb
Payload	6.613,9 lb
Skip capacity waterlevel	293,2 gal US
Pendulum angle	15 °

MECHANICAL - OUTPUT DETAILS

Gradeability	60,0 %
Travel speed	12,4 m/H
Travel speed (Option)	15,5 m/H

CHASSIS

Turning radius	153,5 "
Articulation angle	36 °
Traction drive	Swash plate motor
Hydraulikpump	axialpistonpump
Operating pressure	6.452,5 psi
Flow rate	17,4 gal/mi
Tires	10.0/75-15.3 10PR

HYDRAULIC

Operating pressure hydraulics	2.900,0 psi
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Hydraulicpump

ZRP

Flow rate

8,7 gal/mi

Please Note

This product availability can vary from country to country. It is possible that information / products may not be available in your country. More detailed information on engine power can be found in the operator's manual; the started power may vary due to specific operating conditions. Subject to alterations and errors expected. Applicable also to illustrations.

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