



## DW50

Wheel Dumpers



### Professional material handling – agile, fast and effective.

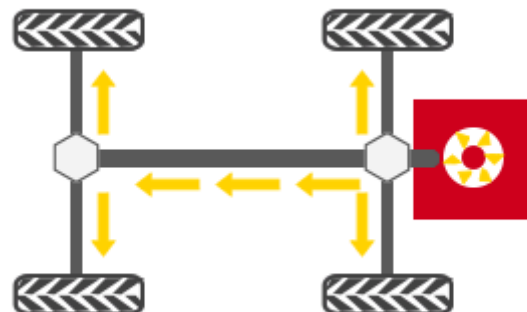
Compact dimensions provide the agility of the 3-5 tons class. The DW50 can easily compete with the big ones: an innovative concept of cockpit and driver stand including joystick controls, spring-loaded parking brake and many other well thought out details provide highest ease of use. The payload of 5.000 kg and a driving speed of up to 28 km/h make the DW50 an effective workhorse that can handle lots of material quickly and easily.

- powerful level 3b (Tier IV final) turbo diesel engine: meets future-proof all emission directives
- efficient hydrostatic all-wheel drive with ECO mode for reduced fuel consumption
- large servicing and maintenance access: one-piece flip-up engine hood
- articulated steering with well-protected integrated hose guiding
- up to 28 km/h driving speed for rapid transportation tasks



#### Hydrostatic all-wheel drive

- total focus on the job, no busy shifting of gears
- one central hydraulic engine drives both axles via a cardan shaft
- hydrostatic braking effect as soon as the foot is taken off the accelerator pedal
- low-wear drive for reduced service and maintenance costs
- controlled delay for regulated switching, thus no abrupt change of drive
- accelerate from 0 to maximum speed of 28km/h without traction loss





#### Articulated pendulum joint

- supreme off-road capability even under full load
- optimum ground contact and excellent traction in rough terrain



#### Joystick control

- All controls such as switches and joysticks are placed on the right side so the operator's left hand can always remain on the steering wheel.
- Multiple functions - one handle: the joystick controls skip operation, gear shift, change of direction and the ECO mode.

#### Maximum safety combined with premium comfort

- Work lights: two front and one rear spotlight for perfect visibility.



- Full public traffic vehicle lighting.





- Back-up alarm: an acoustic alarm signals when the drive is in reverse gear.



- A camera and display minimize the blind spot in front of the vehicle, thus ensuring even more safety.



- A rotating beacon enhances the vehicle's visibility.



- Seat contact control switch: If the driver leaves the driver's seat, the engine reduces speed to full stop.



#### Swivel tip skip

The 180° seamless tip-out capability allows the swivel tip skip to deliver materials right on the spot – ideal in narrow spaces.

- When transporting liquids on slopes, the skip can be leveled accordingly
- Swivels 90° to the left and 90° to the right
- Enables lateral filling and discharging.

## Technical specifications

### with swivel tip skip

#### Operating data

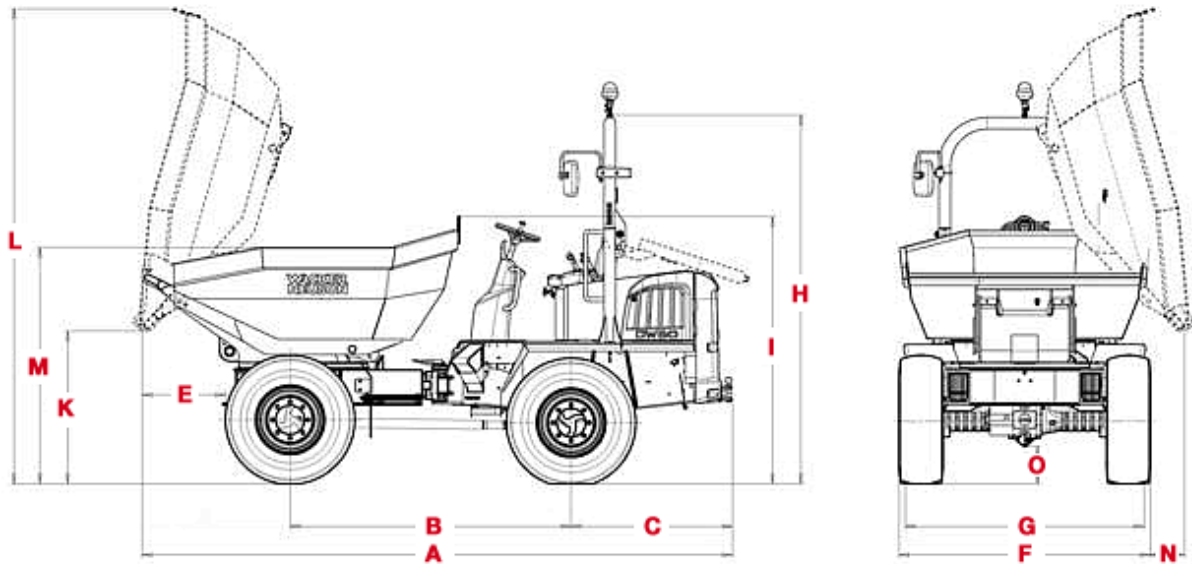
Payload	5,000 kg
Net weight	3,445 kg
Shipping weight ROPS	3,445 kg



Skip capacity struck	1,970 l
Skip capacity heaped	2,650 l
Skip capacity water volume	1,280 l
Engine / Motor	
Engine / Motor manufacturer	Deutz
Engine / Motor type	TCD 2.9
Engine performance acc. to ISO 3046/1	55.4 kW
Displacement	2,925 cm <sup>3</sup>
Engine RPM	2,300 rpm
Travel speed	28 km/h
Articulation angle	37 °
Pendulum angle	15 °
Turning radius	4,250 mm
Gradeability	50 %
Tires	12.5 - 18/16
L x W x H	4,495 x 1,915 x 2,815 mm
Steering pump	Axial piston pump
Flow rate	132 l/min
Operating pressure	450 bar
Duty pump	Gear pump
Flow rate	45 l/min
Operating pressure	220 bar
Fuel tank capacity	50 l
Hydraulic oil tank	40 l
Sound level (LwA)	101 dB(A)



## Dimensions



F	Overall width mm	1,915
G	Skip width mm	1,910
K	Skip height tip-out, tilted skip mm	1,160
L	Skip height tilted skip mm	3,620
M	Skip height flat skip mm	1,790
H	Height ROPS mm	2,815
I	Height ROPS down mm	2,030
A	Length mm	4,495
B	Wheelbase mm	2,140
C	Rear overhang mm	1,230
O	Ground clearance mm	370



**WACKER  
NEUSON**  
*all it takes!*

**Please note**

that 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 stated power may vary due to specific operating conditions.

Subject to alterations and errors excepted. Applicable also to illustrations.

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