

DW50

Wheel Dumpers



**WACKER
NEUSON**
all it takes!



Professional material handling – agile, fast and effective.

The DW50 dumper combines a compact design with powerful engine and hydrostatic all-wheel drive making it capable of hauling more in less time, reducing cycle times and increasing efficiency. This 5-ton class dumper offers a payload of 11,023 lbs. and driving speed up to 17.4 mph, plus its ability to travel across rough terrain makes it extremely versatile for moving all types of material on any job site. The unique compact design along with the powerful 74.2 hp engine allows the DW50 to access confined areas but provide the power needed to move heavier loads.

- Tier 4 Final turbo charged diesel engine with Diesel Oxidation Catalyst (DOC) aftertreatment requires no diesel particulate filter, no regeneration and no maintenance
- Efficient hydrostatic all-wheel drive with ECO mode for reduced fuel consumption
- Swivel bucket allows material to be unloaded on either side of the unit for added versatility
- Comfortable operator's station is easily accessible for added convenience. Intuitive operation using the joystick handle allows for single handed control of bucket operation, drive direction, travel speed and horn
- Easy maintenance access and large servicing area with one-piece flip engine hood

DW50 Technical specifications

with swivel tip skip

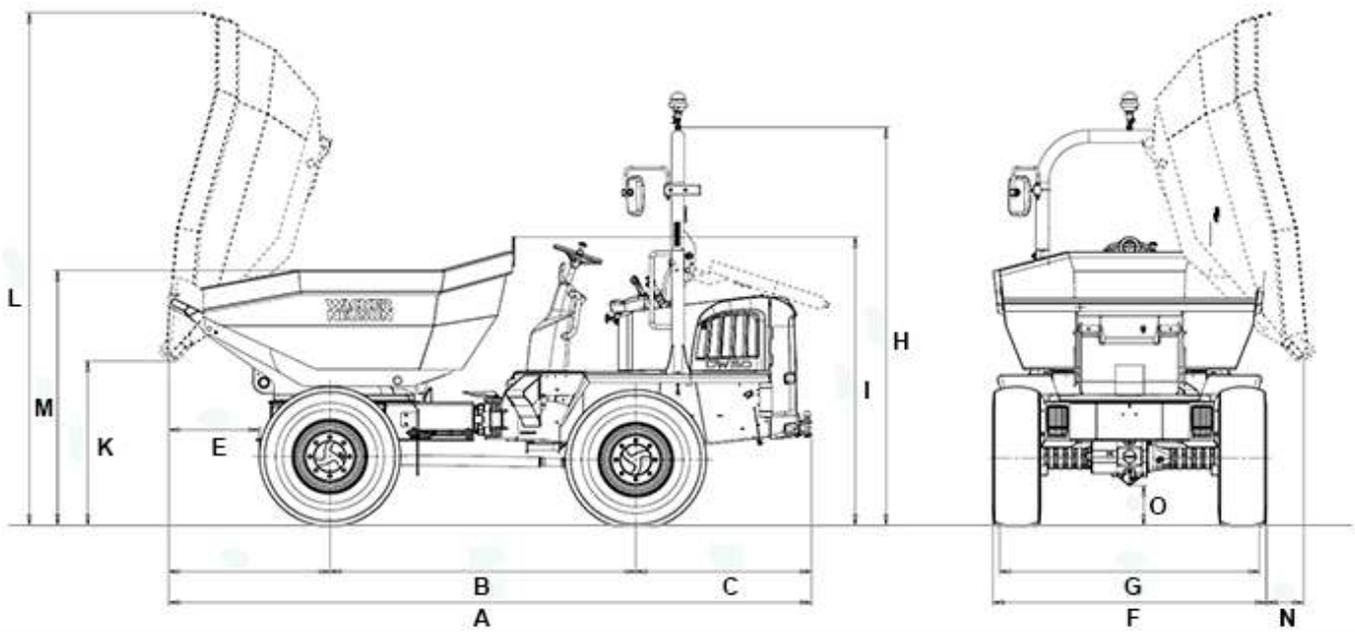
Operating data

Payload	11,023 lb
Shipping weight ROPS	7,595 lb
Skip capacity - Leveled	2.58 yd ³
Skip capacity - Heaped	3.47 yd ³
Skip capacity - Water	1.67 yd ³

Engine / Motor

Engine / Motor manufacturer	Deutz
Engine / Motor type	TCD 2.9
Engine performance - ISO 3046/1	74.2 hp
Emission standards stage	3b
Displacement	176.9 in ³
Engine RPM	2300 rpm
Travel speed max.	17.4 mph
Articulation angle	37 °
Pendulum angle	15 °
Turning radius	167.3 in
Gradeability	50 %
Tires	12.5-18, 12PR
L x W x H	177 x 75.4 x 110.8 in
Steering pump	Axial piston pump
Flow rate	34.9 US gpm
Operating pressure	6,527 psi
Duty pump	Gear pump
Flow rate	12 US gpm
Operating pressure	3,191 psi
Fuel tank capacity	13.2 US gal
Hydraulic oil tank	10.6 US gal
Sound level (LwA)	101 dB(A)

DW50 Dimensions



A	Overall length	177 in
B	Wheelbase	84.3 in
C	Rear overhang	48.4 in
E	Dumping distance	24.8 in
F	Width	75.4 in
G	Skip width	75.2 in
H	Height ROPS	110.8 in
I	Height ROPS down	79.9 in
K	Dump height max.	45.7 in
L	Skip height tilted skip	142.5 in
M	Skip height flat skip	70.5 in
N	Dumping distance	10.2 in
O	Ground clearance	14.6 in
--	Dump angle	48 °

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. Copyright © 2020 Wacker Neuson SE.