

Compact class

Wacker Neuson All-Wheel Dumpers

1001 • 1501 • 1601_{2WD} • 2001



**WACKER
NEUSON**

**Powerful, manoeuvrable, compact
and great in off-road conditions.**

Payloads of between 1000
and 2000 kg: The greater the
off-road capability, the smoother
the path to cost-effectiveness.

**The all-wheel dumpers from Wacker Neuson “do tons”...
in no time at all.**

State-of-the-art all-wheel drive and a practical understanding of the optimisation of the design processes are the basis of the robust and productive dumper technology from Wacker Neuson. The increasing use of dumpers in recent years have had a highly positive influence on construction site workflows.

Wacker Neuson now promotes their value in helping to ensure sustainable cost-effectiveness, through innovative technology such as the hydrostatic Twin-Lock all-wheel drive. This drives each wheel via its own hydraulic motor (dual motor). As soon as one wheel starts to lose traction, the power is distributed to the other wheels.

Wacker Neuson will get you moving. Particularly when others find it difficult.

Wacker Neuson factors:

- Hydrostatic Twin-Lock All-Wheel drive (except for 1601_{2WD}) for the best traction and off-road capability.
- Supreme off-road capability thanks to a swivel-dump angle of up to 33/15°.
- Extreme gradeability of up to 45 %.
- 3 dumper types with high, front and swivel tipping functions.
- Folding ROPS as standard.
- Generous service and maintenance access (via pivoting engine compartment hatch).
- High-visibility driving position with broad, sturdy leg protection.
- High ground clearance.
- Compact construction from 990 to 1485 mm.
- Articulated frame steering with integrated hose guide for optimal protection.
- High-volume, robust and hard-wearing dumper design.
- Easy mounting and alighting from either side.
- Speeds of up to 21 kph for rapid transport tasks.
- High-strength steel construction: robust and hard-wearing.





Payload 1000 kg: The Wacker Neuson All-wheel Dumper 1001.

525 l*
SKIP CONTENT
*heaped



The All-Round Dumper.

Rapid, safe and easy transport even on the roughest of terrain and a discharge height of up to 1.56 m... the All-Wheel Dumper 1001 is a particularly versatile, manoeuvrable and extremely robust machine.

Wacker Neuson factors:

- High-tipping skip (1.56 m discharge height).
- Compact dimensions, optional narrow tyres (990 mm machine width).
- Hydrostatic Twin-Lock All-Wheel Drive.
- Continuously variable speed up to max. 14 kph.
- Generous service and maintenance access.
- High-visibility driving position with broad and robust leg protection.
- Maximum payload 1000 kg.



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- 1 The folding ROPS roll-bar offers optimal security. For negotiating low headroom, it can be folded back.
- 2 The high ground clearance offers excellent off-road capability in association with the hydrostatic Twin-Lock All-Wheel Drive and centre-pivot steering.
- 3 Generous and unimpaired servicing and maintenance access via the one-piece engine hatch that can be opened wide.

- 4 The high-visibility, robust driving position is as broad as the chassis and offers the driver protection from falling material.
- 5 The centre-pivot steering (33/15°) and split chassis guarantee permanent ground contact and optimal traction even on difficult terrain.

- 6 The integrated hose guide protects the pipelines from damage. The pipes are run through the articulated joint.



6



Payload 1500 kg: The Wacker Neuson All-Wheel Dumper 1501.

800 l*
SKIP CONTENT
*heaped,
standard skip



Still more possibilities.

With 1500 kg payload and the optional swivel-tipping skip, the possibilities for use of this dumper are many and varied. Bulk material can also be very precisely dropped in the tightest of spots.

Wacker Neuson factors:

- High-tipping skip as standard (1.45 m discharge height).
- Swivel-tipping skip optional.
- Hydrostatic Twin-Lock All-Wheel Drive.
- Continuously variable drive speed up to max. 16 kph.
- Generous servicing and maintenance access.
- High-visibility driving position with broad and robust leg protection.
- Maximum payload 1500 kg.

1 With the high-tipping skip as standard, material can be tipped from a height of up to 1.45 m. The design is tried-and-tested and particularly robust.

2 With the optional swivel-tipping skip, continuously variable tipping through 180° is possible. This is ideal when material has to be placed with pinpoint accuracy in narrow spaces.



3 The easy servicing and maintenance access saves time and increases the availability of dumper. All key components are immediately accessible.

4 The high ground clearance makes light work of off-road tasks and travel. It is the basis for the exceptional off-road capability.

5 The driving position is a safe and secure workstation. It extends the full width of the chassis and protects the driver.

6 The smart hose guide through the articulated joint provides effective and lasting protection for the hydraulics.

7 The split chassis with centre-pivot steering also ensures permanent ground contact and optimal traction, where others would simply flounder.



Payload 1500 kg: The Wacker Neuson Wheel Dumper 1601 (2WD).



The folding ROPS roll-bar provides optimal security. For negotiating low headroom and for transporting the dumper, it can be folded back.



1044 l*
SKIP CONTENT
*heaped,
standard skip



Three skip types for greater functionality in building processes, logistics and environmental technology.

The standard front-tipping skip is ideal for fast material turnover. The high-tipping skip bridges height differences. The swivel-tipping skip brings the material through 180° to precisely where it needs to be dumped.

- 1** The high ground clearance is decisive in expanding the field of operations of the 1601. It opens up whole new vistas.
- 4** **Safety-driving position:** It extends across the entire width of the chassis and protects the driver from falling material.
- 5** **Hose guide through the articulated joint:** The hydraulic pipelines are durably protected.
- 6** **Rapid servicing:** The one-piece engine cover can be snapped open, offering easy access to the workings.
- 7** **Split chassis and centre-pivot steering (33/15°)** guarantee excellent off-road capability even when loaded.

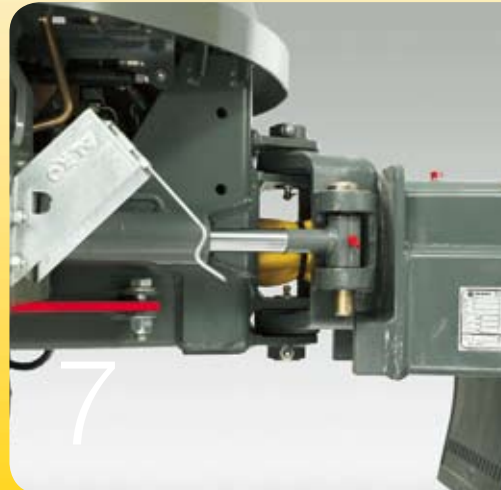
1 The front-tipping skip (as standard) is designed for particularly rapid material turnover. It has the lowest centre of gravity and the greatest capacity (1044 l).

2 The high-tipping skip (optional) enables tipping from a height of up to 1.45 m. The design is tried-and-tested and is optimally suited to tough working conditions.

3 The swivel-tipping skip (option) enables precise tipping of material through a continuously variable 180°. When space is at a premium, this is a great advantage.

Wacker Neuson factors:

- Three different skip types.
- Front-tipping skip (standard), high-tipping skip and swivel-tipping skip (optional).
- Hydrostatic Twin-Lock Two-Wheel Drive.
- Continuously variable speed up to max. 16 kph.
- Generous service and maintenance access.
- High-visibility driving position with broad and robust leg protection.
- Maximum payload 1500 kg.



Payload 2000 kg: The Wacker Neuson All-Wheel Dumper 2001.



1210 l*
SKIP CONTENT
*heaped



**Swivel-tipping skip as standard.
Self-loading unit as option.
And lots more.**

With 2000 kg payload, with a skip having a low tipping height of 2.55 m (option) and with a self-loading unit (option), the Model 2001 all-wheel dumper is a top model in every respect. It will simply move you more.

The folding ROPS roll-bar provides optimal security. For negotiating low headroom and for transporting the dumper, it can be folded back.

- 1 Ground clearance even under heavy load:** Full off-road capability is guaranteed at all times.
- 2 Generously-dimensioned servicing and maintenance access** for short pitstops and many productive working hours.
- 3 High-visibility and robust driving position with safety premium:** it runs the entire width of the chassis and protects the driver from falling material.

- 4 Swivel-tipping skip as standard.** This enables continuously variable, precise tipping of the material through 180°.
- 5 Hose guide through articulated joint:** The hydraulic pipelines are durably protected.
- 6 Easy mounting and alighting from either side of the dumper:** non-slip, stable access for increase safety.

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7 The self-loading unit is a highly productive option. Start. Fill. Move. Empty. Handle more volume in less time. It's worth your while.



7

Wacker Neuson factors:

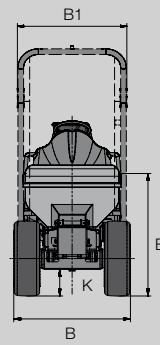
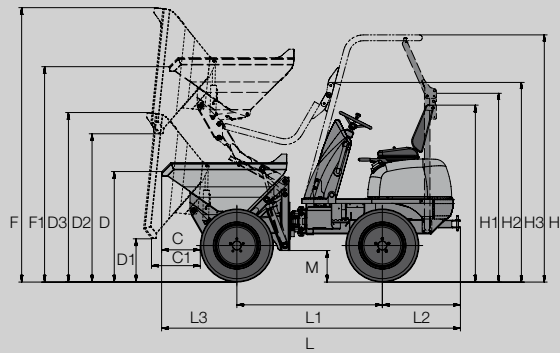
- Swivel-tipping skip as standard.
- Hydrostatic Twin-Lock All-Wheel Drive
- Continuously variable speed up to max. 21 kph. SFlb
- Self-loading unit (optional).
- Skip with low tipping height – 2550 mm*.
- Generous service and maintenance access.
- High-visibility driving position with broad and robust leg protection.
- Maximum payload 2000 kg.

* optional

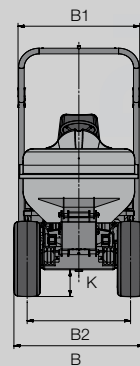
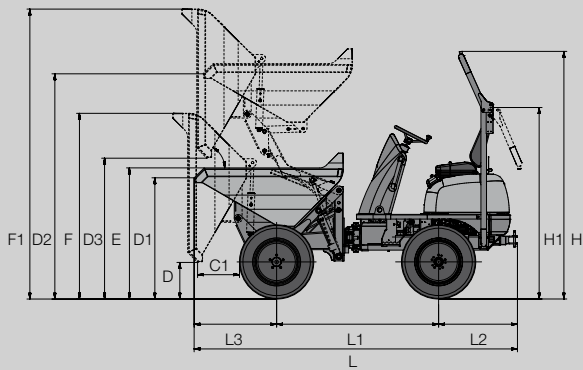


Technical Data:
A full load -
Performance plus.

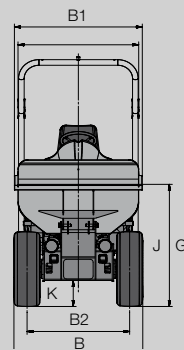
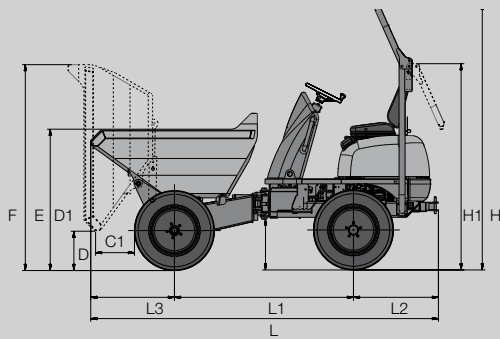




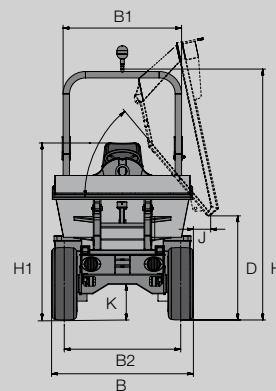
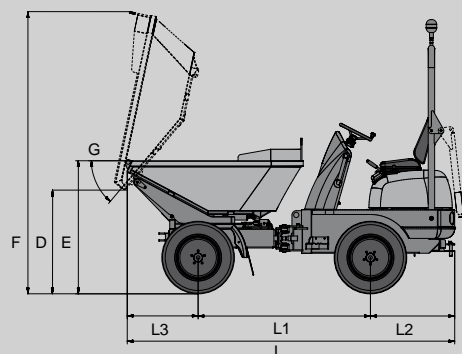
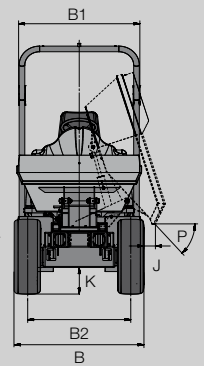
1001



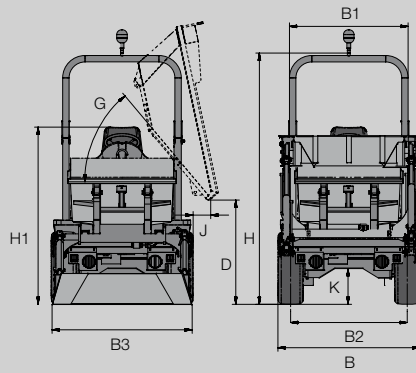
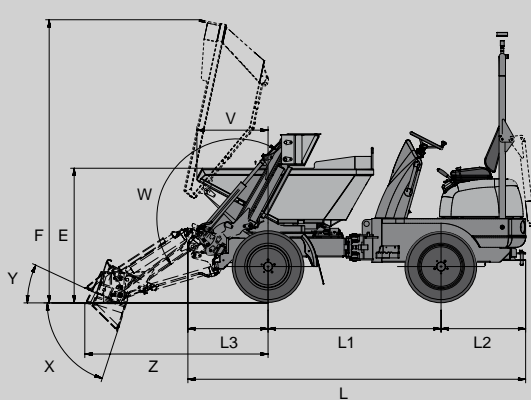
1501 high-tipping
1601 high-tipping



1501 swivel-tipping >
< 1601 front-tipping



2001



2001 SLE

DIMENSIONS	1001	1001 (narrow)	1501 (High-tipping)	1501 (Swivel-tipping)	1601 (Front-Tipping)	1601 (High-tipping)	1601 (Swivel-tipping)
B	1180 mm	990 mm	1305 mm	1305 mm	1305 mm	1305 mm	1305 mm
B1	1130 mm	990 mm	1225 mm	1225 mm	1225 mm	1225 mm	1225 mm
B2	-	-	1050 mm	1050 mm	1050 mm	1050 mm	1050 mm
C	385 mm	385 mm	-	-	-	-	-
C1	510 mm	510 mm	400 mm	280 mm	370 mm	400 mm	280 mm
D	1160 mm	1160 mm	370 mm	680 mm	360 mm	370 mm	680 mm
D1	465 mm	465 mm	1240 mm	1140 mm	1240 mm	1240 mm	1140 mm
D2	1560 mm	1140 mm	2325 mm	-	-	2325 mm	-
D3	1770 mm	1770 mm	1450 mm	-	-	1450 mm	-
E	1230 mm	1230 mm	1345 mm	1300 mm	1345 mm	1345 mm	1300 mm
F	2860 mm	2440 mm	1895 mm	2250 mm	1970 mm	1895 mm	2250 mm
F1	2250 mm	1830 mm	2975 mm	-	-	2975mm	-
G	-	-	-	47°	-	-	47°
H	2580 mm	2580 mm	2550 mm	2550 mm	2550 mm	2550 mm	2550 mm
H1	1850 mm	1850 mm	1960 mm	1960 mm	1960 mm	1960 mm	1960 mm
H2	1960 mm	1980 mm	-	-	-	-	-
H3	2080 mm	2080 mm	-	-	-	-	-
J	-	-	-	100 mm	-	-	100 mm
K	270 mm	270 mm	260 mm	260 mm	260 mm	260 mm	260 mm
L	3080 mm	3080 mm	3300 mm	3220 mm	3310 mm	3300 mm	3220 mm
L1	1500 mm	1500 mm	1650 mm	1700 mm	1700 mm	1650 mm	1700 mm
L2	810 mm	810 mm	810 mm	810 mm	810 mm	810 mm	810 mm
L3	770 mm	770 mm	840 mm	710 mm	800 mm	840 mm	710 mm
M	327 mm	327 mm	-	-	-	-	-
P	-	-	-	-	-	-	-
V	-	-	-	-	-	-	-
W	-	-	-	-	-	-	-
X	-	-	-	-	-	-	-
Y	-	-	-	-	-	-	-
Z	-	-	-	-	-	-	-

2001 (Swivel tipping)	2001 (Tipping with low dump height)	2001 (SLE)
1485 mm	1485 mm	1485 mm
1250 mm	1250 mm	1250 mm
1230 mm	1230 mm	1230 mm
-	350 mm	-
-	-	-
-	-	-
-	1090 mm	1090 mm
-	-	-
-	-	-
1400 mm	1400 mm	1400 mm
3000 mm	2550 mm	3000 mm
-	-	-
50°	50°	50°
2650 mm	2650 mm	2650 mm
1850 mm	1850 mm	1850 mm
-	-	-
-	-	-
180 mm	180 mm	180 mm
380 mm	380 mm	380 mm
3420 mm	3420 mm	3530 mm
1800 mm	1800 mm	1800 mm
880 mm	880 mm	880 mm
740 mm	740 mm	850 mm
-	-	-
-	-	-
-	-	740 mm
-	-	155°
-	-	72°
-	-	25°
-	-	1910 mm

OPERATING- DATA	1001 (High-tipping)	1001 (narrow)	1501 (High-tipping)
Payload	1000 kg	850 kg	1500 kg
Tare weight	1215 kg	1150 kg	1320 kg
Skip capacity levelled	415 l	415 l	650 l
Skip capacity stacked high	525 l	525 l	800 l
Skip capacity Water levelling	275 l	275 l	420 l
ENGINE			
Make/Type	YANMAR 3TNV76	YANMAR 3TNV76	YANMAR 3TNV76
Model	watercooled 3-cylinder	watercooled 3-cylinder	watercooled 3-cylinder
Power SFlb (Iso 3046/1)	17 kW (23.1 PS)	17 kW (23.1 hp)	17 kW (23.1 hp)
Displacement	1.116 cm ³	1.116 cm ³	1.116 cm ³
Operating speed	3000 min ⁻¹	3000 min ⁻¹	3000 min ⁻¹
Exhaust emissions	ac. 97/68/EU, 3A	ac. 97/68/EU, 3A	ac. 97/68/EU, 3A
DRIVE CHARACTERISTICS			
Drive speed	0–16 kph	0–16 kph	0–16 kph
Steering angle	+/- 33°	+/- 33°	+/- 33°
Oscillation	+/-15°	+/- 15°	+/- 15°
Turning radius outside	3.200 mm	3.200 mm	3.300 mm
Gradeability	45 %	45 %	50 %
DRIVE			
Drive	4WD hydrostatic, TWIN-LOCK	4WD	4WD
Steering	hydrostatic articulated frame steering with emergency steer		
Tyres	10.00/75-15 Tractor profile	6.00/16; Tractor profile	10.00/75-15 Tractor profile
Service brake	hydrostatic	hydrostatic	hydrostatic
Parking brake	*spring brake / disc brake in oil bath Operation also via flip-switch on dashboard		
HYDRAULICS SYSTEM			
Drive pump	Axial piston pump	Axial piston pump	Axial piston pump
Flow rate	84 l/min	84 l/min	135 l/min
Operating pressure	360 bar	360 bar	360 bar
Work pump	Gear pump	Gear pump	Gear pump
Flow rate	25 l/min	25 l/min	25 l/min
Operating pressure	170 bar	170 bar	170 bar
TANK CAPACITY			
Diesel tank	15 l	15 l	20 l
Hydraulic oil tank	20 l	20 l	20 l
ELECTRICS			
Voltage	12 V	12 V	12 V
Battery	45 Ah	45 Ah	45 Ah
Alternator	40 A	40 A	40 A
Starter	1.1 kW	1.1 kW	1.1 kW
NOISE LEVELS			
Noise LWA (acc. 2000/14/EC)	101 dB(A)	101 dB(A)	101 dB(A)

OPTIONS**1001 • 1001 (narrow)****HYDRAULICS**

Panolin Bio-Oil
BP-Biohyd SE46

PAINT

Special paint 1 RAL
(for yellow parts only)
Special paint 1 no RAL
(for yellow parts only)

MISCELLANEOUS

Security 24 (1500 h)
Warranty extension to 24 months
or 1500 operation hours
Security 24 (2000 h)
Warranty extension to 24 months
or 2000 operation hours
Cover for dashboard
On-road kit
Lawn tyres
Trailer socket (on-road only)
TÜV road homologation (Germany)
Narrow tyres (990 mm)
Flashing beacon
Reverse alarm
Spare wheel

PACKS

Mirror package

OPTIONS**1501****HYDRAULICS**

Panolin Bio-Oil
BP-Biohyd SE46
Special paint 1 RAL
(for yellow parts only)

Special paint 1 no RAL
(for yellow parts only)

MISCELLANEOUS

Security 24 (1500 h)
Warranty extension to 24 months
or 1500 operation hours
Security 24 (2000 h)
Warranty extension to 24 months
or 2000 operation hours
Cover for dashboard
On-road kit
Lawn tyres
Trailer socket (on-road only)
TÜV road homologation (Germany)
Flashing beacon
Reverse alarm
Spare wheel
Swivel skip

PACKS

Mirror package

OPTIONS**1601****HYDRAULICS**

Panolin Bio-Oil
BP-Biohyd SE46
Special paint 1 RAL
(for yellow parts only)

Special paint 1 no RAL
(for yellow parts only)

MISCELLANEOUS

Security 24 (1500 h)
Warranty extension to 24 months
or 1500 operation hours
Security 24 (2000 h)
Warranty extension to 24 months
or 2000 operation hours
Cover for dashboard
On-road kit
Lawn tyres
Trailer socket (on-road only)
TÜV road homologation (Germany)
Flashing beacon
Reverse alarm
Spare wheel
Swivel skip
High discharge dumper

PACKS

Mirror package

OPTIONS**2001****HYDRAULICS**

Panolin Bio-Oil
BP-Biohyd SE46
Special paint 1 RAL
(for yellow parts only)

Special paint 1 no RAL
(for yellow parts only)

MISCELLANEOUS

Security 24 (1500 h)
Warranty extension to 24 months
or 1500 operation hours
Security 24 (2000 h)
Warranty extension to 24 months
or 2000 operation hours
Cover for dashboard
On-road kit
Lawn tyres
Trailer socket (on-road only)
TÜV road homologation (Germany)
Flashing beacon
Reverse alarm
Spare wheel
Skip with 2550 mm dump height
Wheel chock
Self-loading unit

PACKS

Mirror package

Wacker Neuson compact equipment offers power and manoeuvrability on the spot. **Any time, any place.**

We consider it a constant duty to ensure that our promise regarding our products and services is fulfilled:

Reliability, Trust, Quality, Reactivity, Flexibility and Innovation.

Compact construction equipment of the Wacker Neuson brand also does the business where others can only stand and watch. Our products prove their worth through quality, power, intelligent hydraulics, compact dimensions, innovative technology, high productivity and reliability. This gives a form of set-up that only Wacker Neuson – the specialist in compact equipment – is capable of.

You too can take advantage of this bespoke capability. The Wacker Neuson compact class is in a class of its own. With success stamped right through it.



**WACKER
NEUSON**