Wheel dumpers







Dual View dumpers from Wacker Neuson. Innovation and Design meets Powerful Performance.

1. Tackle challenges - and easily master them.

You may not be able to choose the terrain, but you can choose your machine. Wheel dumpers and Dual View dumpers by Wacker Neuson can carry out any task even on the most difficult of terrains. The articulated pendulum joint provides high off-road capability and excellent traction on any ground surface.

2. The best conditions for performance – a strong hydrostatic drive system.

Technologies need to be time-tested and proven in application – every single day. The dumpers from Wacker Neuson are equipped with high quality drive systems, which provide reliable performance and will impress you with their user-friendly operation.

3. Tried and tested over the years - optimized together.

Our many years of experience and the close co-operation with our customers in product development make our dumpers sought after helpers on any construction site. All backed up by our 5 year warranty.

4. Flexibility and reliability – the hallmark of our wheel dumpers and Dual View dumpers.

Dumpers from Wacker Neuson are not only durable, sturdy and extremely reliable, but can also be used universally, thanks to a large amount of configuration options. Different types of skips as well as other options make it possible to configure the machine entirely according to your needs: These include everything from the air-conditioning system in the cab to the speed version. We will be happy to advise you and ensure that each of your dumpers provides you with reliable and powerful transportation of material.

Wacker Neuson-all it takes!

We offer products and services rendered that meet your high requirements and diverse applications.

Wacker Neuson stands for reliability. This of course also applies to our wheel dumpers and Dual View dumpers. We give our best every day to ensure your success. And we do this full of passion.

Transport expertise to the last detail.



Travel effortlessly over any ground conditions.

Neither narrow passages nor uneven surfaces can stop the wheel dumpers from Wacker Neuson: Thanks to the articulated pendulum joint, they are able to go anywhere. More on page 21.

Full safety and comfort

Choose between the ROPS bar with practical weather protection roof, weather-proof canopy and the safety cabin with integrated heating, optionally with air-conditioning system and protective skip grating against falling material.











Driving without changing gears.

Everything under control with the one pedal: The hydrostatic drive system makes driving simple and shifting unnecessary in many cases. Details on page 34.

Always the right skip.

With a large selection of skip sizes, the wheel dumpers are built and can be optioned for many applications. Light material skips and special skip versions are also available.

An overview of all skip types can be found on page 37.











Dumpers always in sight with EquipCare.

With our Telematics solution EquipCare, you give your machines a voice. Machines equipped with the Telematics module actively report in, for example, to notify you of upcoming maintenance or possible operating malfunctions. For these machines, our EquipCare Dual ID is also available as an option. This is an electronic access control. Thus, you can precisely define who can operate your machines, increasing security on your construction site.

> Page 18



Wheel dumpers and Dual View dumpers full range overview.

All details on our dumpers are also available online at: www.wackerneuson.com/dumper

Wheel dumpers:



1001

Maximum payload: 1,000 kg > Page 06

Dual View Dumpers:

DV60

Maximum payload: 6,000 kg

W.

1501

1,500 kg

9,000 kg

> Page 24



DW30

3,000 kg - > Page 10 -



DW**6**0

6,000 kg



DW**9**(

9,000 kg

ASK ABOUT
THE BEST
HEAVY INDUSTRY
WARRANTY
5 YEARS

WACKER
OUT Trakes

02 03





Rotating beacon for optimal visibility of traffic participants and construction site personnel

Stage-5 certified

for minimum pollutant emissions

Reversing alarm and side mirrors for optimal all-round visibility and more safety on the construction site



High ground clearance also makes off-road applications possible away from the construction site roads

With towing device as a standard – for manoeuvring work on the construction site, optionally available with an outlet

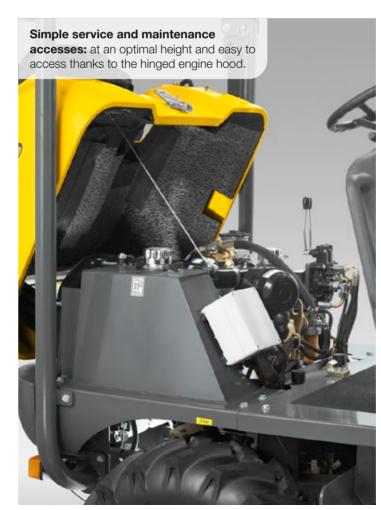
the construction site















Fold-down ROPS (Roll Over

Protective Structure) with gas pressure damper for safe operation without manual effort

The optional rotating beacon, combined with the use of the safety belt, ensures more safety and visibility on the construction site. The orange rotating beacon and the green rotating beacon are available as an option

Skip grating protects
operator and cabin from
material or excavator bucket

Clear instrument panel with joystick operation: Intuitive operation and all important functions quickly reachable with one hand movement

Concrete skip: Dumping opening with pouring pan for concrete processing has been optimized

Cabin with ROPS and FOPS Level II certification available as an option

A seat contact switch makes it so that the machine only gets going when the operator is seated. If the operator stands, the speed is reduced in a controlled manner. This ensures maximum safety on the construction site

Auto-stop function switches the machine off automatically if it is not used for a set time

Spring-loaded parking brake:Completely wear-free operation as well as durable and reliable

DW30

36-kW engine that provides

additional power (optional)

Entry and exit on both sides

increases the operator's safety. Also optionally available in signal color

Articulated pendulum joint adapts to all unevenness and keeps the dumper stable in all situations

Turf tyres (optional) allow gentle soil use and avoid potential tie-in work such as repairs

Optional high swivel tip skip with

tilt sensor makes the DW30 the safe

construction site pro

High level of comfort, maximum safety and intuitive operation are all standard.

Thanks to a number of details and the resulting overall concept, work is made as comfortable and as easy as possible for the operator.

- Clearly arranged instrument panel with joystick operation: all displays at a glance. The modern joystick combines many functions in one handle: skip actuation, travel direction change, gear shift
- The belt coloured in orange signals its control function via the connection with the green LED light, which is externally attached to the machine. It lights up when the operator is properly secured whilst operating the machine
- Due to the hydrostatic 4-wheel drive, these wheel dumpers do not require frequent gear changes. The hydrostatic brake effect and brake lights that illuminate automatically thus making the machine safe for any construction site.











More protection and comfort.

The optional cab of the DW30, with ROPS/FOPS II certification, provides for comfortable and safe working in any weather. Highlights of the cab include:

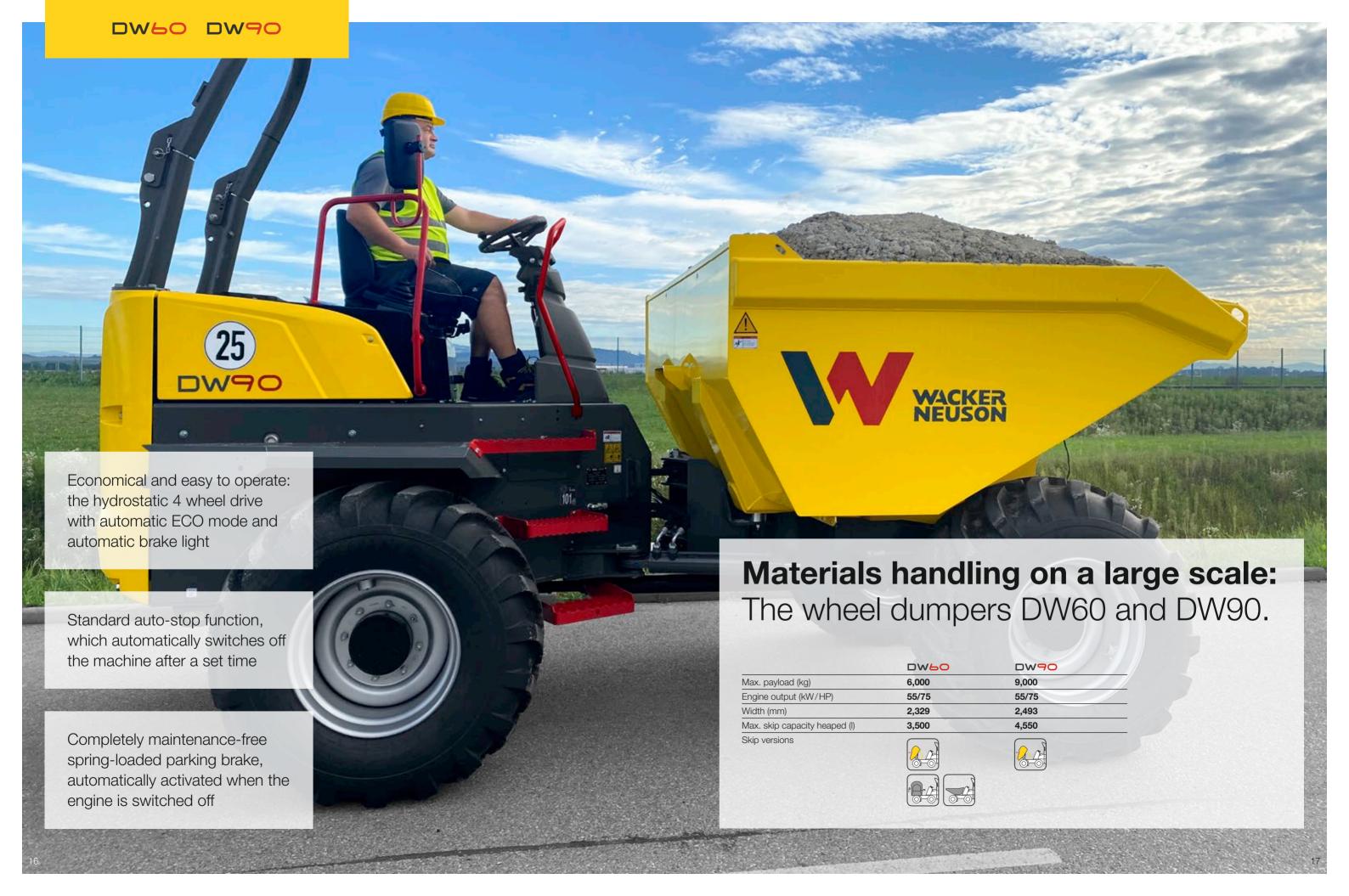
- Powerful air-conditioning system (optional) and heater
- LED work light
- Radio incl. Bluetooth hands-free installation and USB charging connection (optional)
- Imitation leather seat and seat contact switch
- Intuitive joystick operation concept
- Tinted safety glass
- Front and rear-view camera
- Variety of stowage options (e.g. drinks holder)



V h

Simple and cost-saving maintenance.

With the maintenance intervals extended to 500 operating hours, you can really save on costs. When maintenance is due, getting it done is quick and easy with the maintenance points easily accessible from the ground.



Front and rear-view camera (optional) increase safety on the construction site

Powerful diesel engine available in 44.5-kW and 55.4-kW versions. Both comply

with emission standard Stage V

Various skip options for economical handling of large volumes of material, e.g. front tip skip or swivel tip skip (optional)

for optimum maintenance access



Safe entry and exit on both

sides in signal color for flexibility on the construction site

With its durable LED front and rear work lights, the

Standard screw fastening points for optionally available skip grating protecting the

operator and cabin

machine is equipped even for work with poor visibility or at night

Wide selection of tyres:

Wide-tread turf tyres, industrial tyres for flexible applications or tractor tread for maximum traction

ROPS bar with gas pressure damper can be folded forward safety and easily

Optionally with equipment for use on public roads:

side mirrors, reversing alarm, lighting

Standard auto-stop

function causes machine to switch off automatically

The optionally available radio is equipped with a Bluetooth hands-free installation and offers USB charging connections at the

same time

The large, multi-functional 7-inch color display ensures a perfect overview of all

the machine's functions and displays the front- and rear-view camera images



optionally available

with outlet

Articulated pendulum joint

for continuous ground contact in ground conditions

Reverse alarm with broadband

tone: Very good warning characteristics in the danger zone despite low noise pollution







Comprehensively equipped optional cabin.

- The cabin is particularly spacious, so that the operator can concentrate fully on his work
- The laminated safety glass also protects the cabin from external influences
- The optional air-conditioning system provides maximum comfort and a pleasant working temperature in every weather condition
- A variety of stowage options and optimally arranged operating elements help the operator to work quickly and efficiently
- Other highlights include: Windshield wipers in front and back, radio with hands-free intercom station, LED work light and entry in signal color







Maintenance made easy.

A construction machine is productive only when it is in use. That's why we do everything we can to make maintenance as efficient and cost-effective as possible, such as:

- Low-wear drives
- ✓ Long maintenance intervals
- Low service access
- Easy-to-reach maintenance access points
- All necessary areas within reach



Innovative Dual View concept: 180-degree rotatable operator's seat offers the ideal view when loading and driving

The optionally available cabin combined with the skip grating provides the operator the bestpossible protection and safety

Comfortable and low-wear: the hydrostatic 4 wheel drive accelerates variably without a loss of tractive force and gently changes between forwards and reverse operation



DV60 and DV90.

	DV60	DV90
Max. payload (kg)	6,000	9,000
Engine output (kW/HP)	55.4/75.3	55.4/75.3
Width (mm)	2,330	2,420
Max. skip capacity heaped (I)	3,600	4,600











Ideally equipped for

working at night: with

optional work lights

Running lights and rotating beacon for optimal visibility on the construction site

Optional seat contact switch for added safety: machine only runs when the operator is seated

Fold-down ROPS (Roll Over Protective Structure)

ex work for low passage heights and easy transport, particularly easy to operate thanks to the gas pressure damper

DV 60

Large tyre selection:

turf tyres with large contact surface, industrial tyres for flexible applications or tractor tread for maximum traction

Articulated pendulum

joint adapts to all unevenness for maximum stability

Stage-5 certified with diesel particulate filter for minimum particulate emissions to protect the operator and environment

Viewing camera

shows the area behind the machine for added safety on the construction site Front tip skip

with low centre of gravity for safe materials handling of large material volumes Compact dimensions:

much more manoeuvrable on the construction site than a truck

Skip grating on the skip structure protects the

operator and cabin from falling material

Equipment for use on public roads as a standard: side mirrors, reversing alarm, wheel chock, road traffic regulation accessories



AUTO-STOP function:

engine switches off automatically after a longer period of inactivity function: brake lights illuminate automatically when releasing pressure on the gas pedal

Hydrostatic brake

Very good gradeability

allows for safe working in any ground conditions

Hydrostatic 4 wheel drive with ECO mode for optimal use of power with minimum consumption

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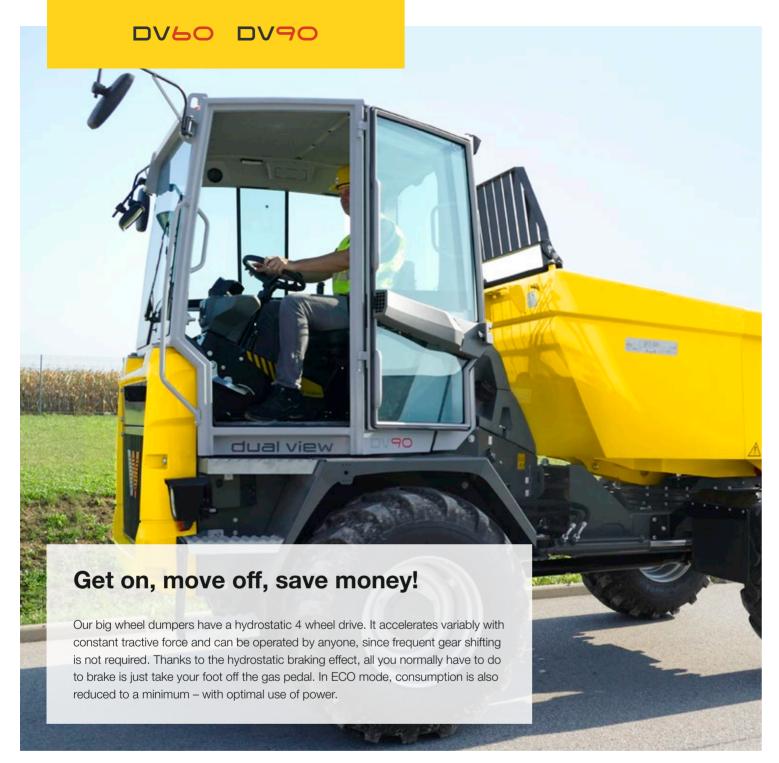
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for quick position

materials handling

changes and efficient

Variable up to 30 km/h







Unrestricted view - especially in the main travel direction!



180-degree rotation of the entire ------**operator's cab:** release the lock, turn
the seat together with the console and continue working as usual in no time.



More safety: perfect view of the working area at all times - whether during transportation, loading or unloading.



Higher productivity: act safely and with -----precision, even in confined spaces - no
time wasted and low fuel due to excessive
maneuvering.



You can find more information about Dual View at: www.wackerneuson.com/dualview





Hydrostatic drive.

Large comfort cab.

DV60 DV90

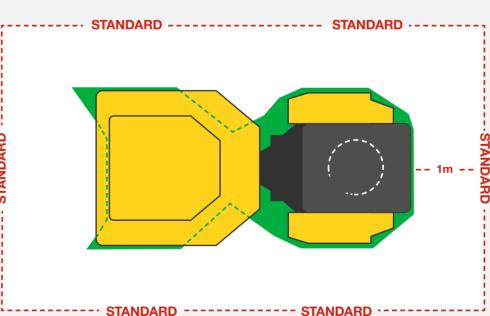
A pleasant working area is important for the operator and a safety bonus. Every detail is just right with our dumper cabins:

- Large control stand with plenty of freedom of movement and leg clearance
- Steering wheel and operator's seat can be adjusted to any operator size
- Air-conditioning system for perfect working temperature and air circulation
- Clearly arranged instrument panel with intuitive joystick operation
- Tinted windows for optimum UV and noise protection
- ROPS/FOPS level-II certified
- Laminated sheet glass
- Cab noise level just 79 dB(A)
- Comfortable working conditions
- Steering wheel tilt adjustment
- 3-way adjustable operator's seat (backrest tilt, forward/ backward, suspension adjusts to weight of operator)
- Plenty of storage areas
- Front sun shade



Simply see more.

The Dual View dumper clearly stands above the requirements of the line-of-sight standard ISO 5006:2017.



Better than the standards!

From here you can overlook a height of 1.2 m with the Dual View*

From here, you must be able to see a height of 1.2 meters according to the line-of-sight standard

hydrostatic braking effect, you can usually drive in most situations with just one pedal. "Today energy efficiency is also a big topic on the construction site. With the automatic ECO mode of the efficient hydrostatic drive, the machine is operated with an optimal use of power and minimum consumption". Dr. Robert Finzel, Managing director of Wacker Neuson Linz

Thanks to the hydrostatic 4 wheel drive with constant tractive force, our wheel dumpers are extremely capable in off-road conditions and very responsive in operation. Thanks to the

* With mirrors and a rear-view camera



The right skip for any construction requirement at a glance.

Whether for construction sites, gardening and landscaping, or municipal use: the different skip types are designed for different needs and provide you with exactly the qualities that are in demand.











Skip versions at a glance.



Front tip skip

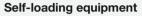
The front tip skip is ideal if a lot of material has to be transported in a short period of

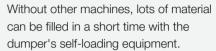
- For larger material volumes up to 4.75 m³
- Low centre of gravity and low dumping height
- Economic solution



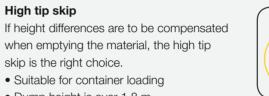
Other types of skips

A low dump height is important in many applications. This is exactly why the DW30 has special skips. When very large volumes need to be transported, a light materials skip is recommended.





- Lifting of up to 300 kg material
- Self-contained actuation of loading arm and bucket



- Dump height is over 1.8 m
- Flexible use as front or high tip skip



High swivel tip skip

- Combination of the advantages of a swivel tip skip and a high tip skip
- Outstanding suitability for bridging of height differences in narrow spaces
- The modern tilt sensor warns the operator of instability immediately with a visible and acoustic signal



Swivel tip skip

Thanks to the infinitely variable 180-degree tipping, the swivel tip skip puts your material exactly where you want it - ideal for limited spaces.

- Levelling when transporting liquids on gradients
- 2 × 90-degree turn motor left and right
- Side filling possible



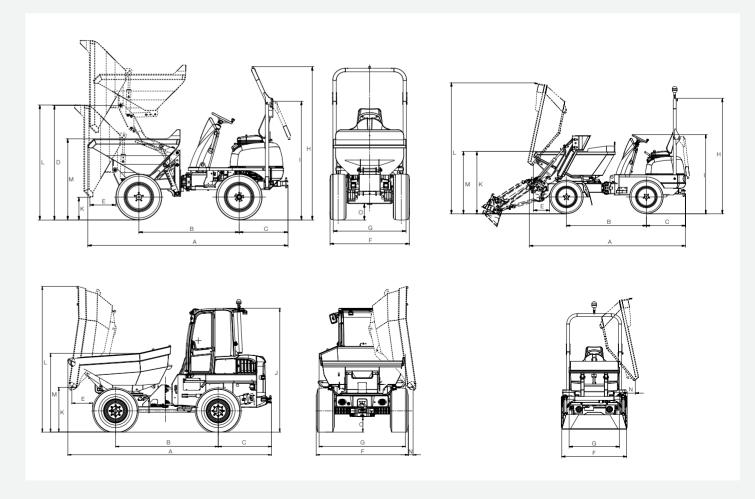




Dimensions

		I	100	D 1	15	01	□W∃O			I	DW90		
			High tip skip	Narrow	High tip skip	Swivel tip skip	Swivel tip skip	Front tip skip	Concrete skip	Front tip skip	Swivel tip skip	Swivel tip skip 3'm	Front tip skip
	GENERAL	UNIT											
	A Overall length	mm	3,08	30	3,300	3,220	3,904	3,786	4,890	4,554	4,806	4,744	4,729
	B Wheel base	mm	1,50	00	1,650	1,700	1,9	945	2,090	2,485			2,700
	C Tail projection including hitch	ing hitch		0	810		1,0	1,039		1,263			1,263
0,	D Pivot point of the high tip skip			820/1,885	-	-	-	-		-			
Ä	E Tipping distance	mm	51	0	400	280	482	543	1,212	565	456	446	514
_	F Width of vehicle	mm	1,180	990	1,0	305	1,7	730	1,780		2,230		2,420
Da	G Width of skip	mm	1,130	990	1,225	1,260	1,7	730	1,740	2,328	2,217	2,218	2,486
ᇳ	H Overall height of ROPS	mm	2,58	80	2,550		2,7	2,778 2,86		3,240	3,258	3,258	3,280
WHE	Height of ROPS (roll over protection structure) folded down	mm	1,96	1,960	1,9	1,960		1,913		2,591			2,618
	J Height of cab	mm	-			-		-	2,689	2,999			3,081
	K Height of tipping edge Skip tipped	mm	465/1,560	465/1,140	370/1,450	680	994	233	363	384	1,100	1,153	374
	L Height of skip tipped	mm	1,770/2,860	1,770/2,440	1,895/2,975	2,250	3,082	2,074	3,040	2,417	3,639	3,639	2,580
	M Height of skip not tipped	mm	1,23	1,230		1,300	1,475	1,473	1,698	1,828	1,837	1,830	2,003
	N Tipping distance lateral	mm	-		-	100	235	-	700	-	22	27.5	-
	O Ground clearance	mm	27	0	2	60	25	57	257		378		396

				DV	50	DV90				
				Front tip skip	Swivel tip skip	Front tip skip Swivel tip skip				
		GENERAL	UNIT							
	Α	Overall length	mm	4,448	4,699	4,622	4,891			
	В	Wheel base	mm	2,4	85	2,70	00			
œ	С	Tail projection including hitch	mm	1,1	57	1,15	57			
VIEW DUMPER	D	Pivot point of the high tip skip	mm	-		-				
Ž	Е	Tipping distance	mm	565	456	520	457			
∨	F	Width of vehicle	mm	2,2	30	2,42	20			
JE/	G	Width of skip	mm	2,328	2,218	2,497	2,453			
_	н	Overall height of ROPS	mm	3,3	77	3,382				
DUAL	ı	Height of ROPS (roll over protection structure) folded down	mm	2,4	00	2,405				
	J	Height of cab	mm	2,9	40	2,94	15			
	ĸ	Height of tipping edge Skip tipped	mm	385	1,100	357	1,168			
	L	Height of skip tipped	mm	2,463	3,639	2,723	3,980			
	М	Height of skip not tipped	mm	1,828	1,981	1,970	2,230			
	N	Tipping distance lateral	mm	-	69	-	152			
	0	Ground clearance	mm	37	0	358	3			



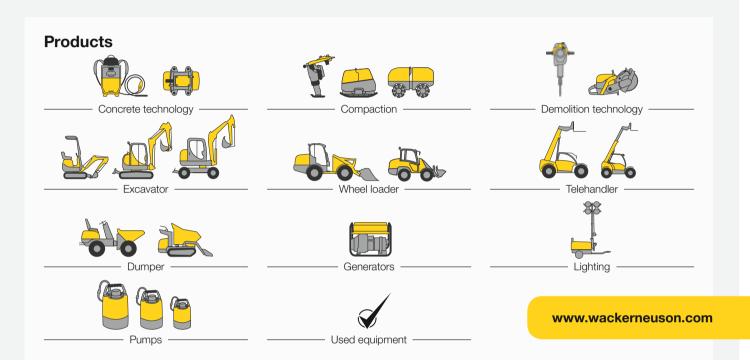
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Technical data

			10	001	1501 High tip skip Swivel tip skip		High swivel tip skip Swivel tip skip Front tip skip			DW 60		DW90	Swivel tip skip Front tip skip		DV90		
			High tip skip	Narrow					Swivel tip skip	Front tip skip	Swivel tip skip 3m	Front tip skip			Swivel tip skip	Front tip skip	
	GENERAL	UNIT															
	Payload	kg	1,000	850	1,500		3,000			6,000		9,000	6,000		9,000		
	Shipping weight	kg	1,215	1,150	1,320	1,261	2,804	2,142	1,987	4,118	3,874	4,118	4,478	4,002		4,	570
	Skip capacity struck	ı	4	415		0	1,280	1,280	1,420	2,350	2,700	2,300	3,600	2,350	2,700	3,300	3,750
	Skip capacity heaped	1	52	25	80	0	1,750	1,750	1,800	3,150	3,600	3,100	4,500	3,150	3,600	4,350	4,600
	Skip capacity volume of water	1	27	75	420	325	990	990	1,110		1,600		2,350	1,600	1,900	2,050	2,400
	DRIVE	UNIT															
	Manufacturer/model	-	Yanmar	3TNV76	Yanmar 3TNV76			Yanmar 3TNV76*		Deutz	Deutz TD 2.2** Deutz TI		Deutz TD 2.9	Deutz	TD 2.9	Deutz	TD 2.9
	Design system	-	water-cooled 3	3-cylinder-diesel	water-cooled 3-	-cylinder-diesel		water-cooled 3-cylinder-diesel			water-cooled 3-cylinder turbo-diesel		water-cooled 4-cylinder turbo-diesel	water-cooled 4-cylinder turbo-diesel 55.4/75.3		water-cooled 4-cylinder turbo-diesel 55.4/75.3	
	Power (Iso 3046/1)	kW/hp	18.9	/25.7	18.9/	25.7		18.9/25.7		44.5/59.7 55.4/7			55.4/75.3				
0,	Displacement	cm ³	1,1	116	1,1	16		1,116		2	,194	2,900	2,900	2,900		2,900	
Ë	Operating speed	min ⁻¹	3,0	000	3,00	00		3,000		2,300 2		2,200	2,200	2,20	200	2,200	
DUMPER	Emissions/emission standard	standard - Stage V Stage V		e V	Stage V			Sta	Stage V Stage V		Stage V	Stage V		Sta	ige V		
	DRIVE CHARACTERISTICS	UNIT															
VIEW	Max. travel speed	km/h		4	16		20				25		25	28		30	
₹		Degrees		33	± 3			± 36			±29		±29	±29			28.3
DUAL	-	Degrees		15	± 1		± 15			±11.5		±11.5	±		±11		
	Turning radius outside	mm		200	3,30			3,800			5,125		5,750	5,980	6,100	6,491	6,760
	Gradeability max.	%	4	15	50)		50			60		45	5	55		50
WHEEL DUMPERS AND	DRIVE SYSTEM Drive system	UNIT	4WD Tv	vin Lock	4WD Tw	in Lock		4WD Hydrostatic			4WD Hydrostatic		4WD Hydrostatic incl. ECO mode	4WD Hydrostatic incl. ECO mode		4WD Hydrostatic incl. ECO mode	
WHEE	Tyres	-	10.00/ 75-15.3 tractor tread	6.00/ 16.3 tractor tread	10.00/7 tractor		11.5/80-15.3 tractor tread		40:	405/70-20 tractor tread		500/60-22.5 tractor tread	405/70-20 tractor tread		500/60-22.5 tractor tread		
	HYDRAULIC SYSTEM	UNIT															
	Drive pump	-	Axial pist	ton pump	Axial pisto	on pump	Axial piston pump			Axial piston pump		Axial piston pump Axial piston pump		on pump	Axial piston pump		
	Discharge volume	l/min	8	34	13	5		66			123		123	123		123	
	Operating pressure	bar	36	60	36	0	445 Gear pump			473		473	50	00	500		
	Work pump	-	Gear	pump	Gear p	oump				Gear pump		Gear pump	Gear pump		Gear pump		
	Flow rate	l/min	2		25		33.4			59				0.6		0.6	
	Operating pressure	bar	17	70	17	0	200			240		240	240		2	40	
	TANK CAPACITY	UNIT															
	Diesel tank	ı		5	20		35 31			70			70		30		30
	Hydraulic oil tank	LINIT	2	20	20)					48		48	6	60		60
	NOISE EMISSIONS Sound power level (LWA) (according to 2000/14/EG)	dB(A)	10	01	10	1		101			101		101	101		101	
	Emission sound pressure level (LpA)	dB(A)	8	32	81	1	81/77*			-		-	78		78		

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Your everyday working life is full of challenges. We have the right solutions and help you to be ahead of the competition. We offer everything you need for your construction requirements: **Wacker Neuson—all it takes!**



Services



Financial solutions Uncomplicated, transparent and individual financing options for you.



Repair & maintenance
Excellent and fast maintenance.
Repairs using original spare parts.



Academy
We increase your
knowledge in a
practice-oriented
manner and within
an ideal learning
environment.



EquipCare
Everything to do
with the machine
in an overview,
via app or PC –
EquipCare.



Concrete specialists Our specialists advise you in all project stages.

Spare parts



Every minute counts: Within the shortest period of time, we deliver over 150,000 original Wacker Neuson spare parts to your construction site.

09/2021 EN







