

Compact and wheeled excavators



**WACKER
NEUSON**



The following points are strong arguments in favor of the compact and wheeled excavators from Wacker Neuson.

1. Uncompromising economic efficiency! With innovations for optimal lifting force.

A great deal of power, maximum mobility and extremely easy to operate: while developing excavators, we pay attention to every detail so you can carry out your work to the end quickly and precisely. In this way, you profit from our innovative strength.

2. Reliable operation! The excavator specialists with proven quality.

Unload. Sit down. Start excavating. Day in and day out – reliable as clockwork. What is true for the operators also sets apart our excavators. With their high level of operational safety, they meet your requirements exactly – however challenging the project may be.

3. Your requirements in focus! With a complete selection of products and services.

In our extensive assortment of products, you will not only find the right excavators, but also attachments for the most important range of applications. In this way, you receive the solution that is tailored to your needs. This of course also includes our services, which allow you to configure your entire financing, management and maintenance of your machines even more efficiently, giving you more time to spend on your projects.

Excavator expertise down to the last detail.



Revolving superstructure tilting in the event of unevenness

The variable tilting of the revolving superstructure by 15 degrees compensates for gradients up to 27%. See all the advantages of the vertical digging system (vds) on page 26.



Quick replacement of attachments

With the quick-hitch system, the operator can change the attachment in no time without leaving the cabin. More information on page 27.



Emission-free excavator applications

For working in confined spaces, our electro-hydraulic power unit HPU8 can be connected to the excavator 803 dual power in just a few easy steps. More about this can be found on page 7.



Monitor your equipment from afar

With the new global monitoring system, you can always locate your excavator with accuracy. Details on page 27.



Wacker Neuson labels particularly economical and environmentally friendly products with the ECO seal; this includes some of our excavators.

All excavators in overview.

								
803	803 dual power	1404	EZ17	ET18	ET20	ET24	2503	EZ28
Shipping weight: from 930 kg > Page 06	Shipping weight: from 988 kg > Page 07	Shipping weight: from 1,400 kg > Page 08	Shipping weight: from 1,595 kg > Page 09	Shipping weight: from 1,610 kg > Page 10	Shipping weight: from 1,880 kg > Page 11	Shipping weight: from 2,065 kg > Page 11	Shipping weight: from 2,485 kg > Page 12	Shipping weight: from 2,575 kg > Page 14
								
3503	EZ38	5023	6003	7523	8003	14504	6503	EW100
Shipping weight: from 3,425 kg > Page 13	Shipping weight: from 3,580 kg > Page 15	Shipping weight: from 4,905 kg > Page 16	Shipping weight: from 5,605 kg > Page 18	Shipping weight: from 7,450 kg > Page 17	Shipping weight: from 7,760 kg > Page 19	Shipping weight: from 14,915 kg > Page 20	Shipping weight: from 6,035 kg > Page 22	Shipping weight: from 9,590 kg > Page 24

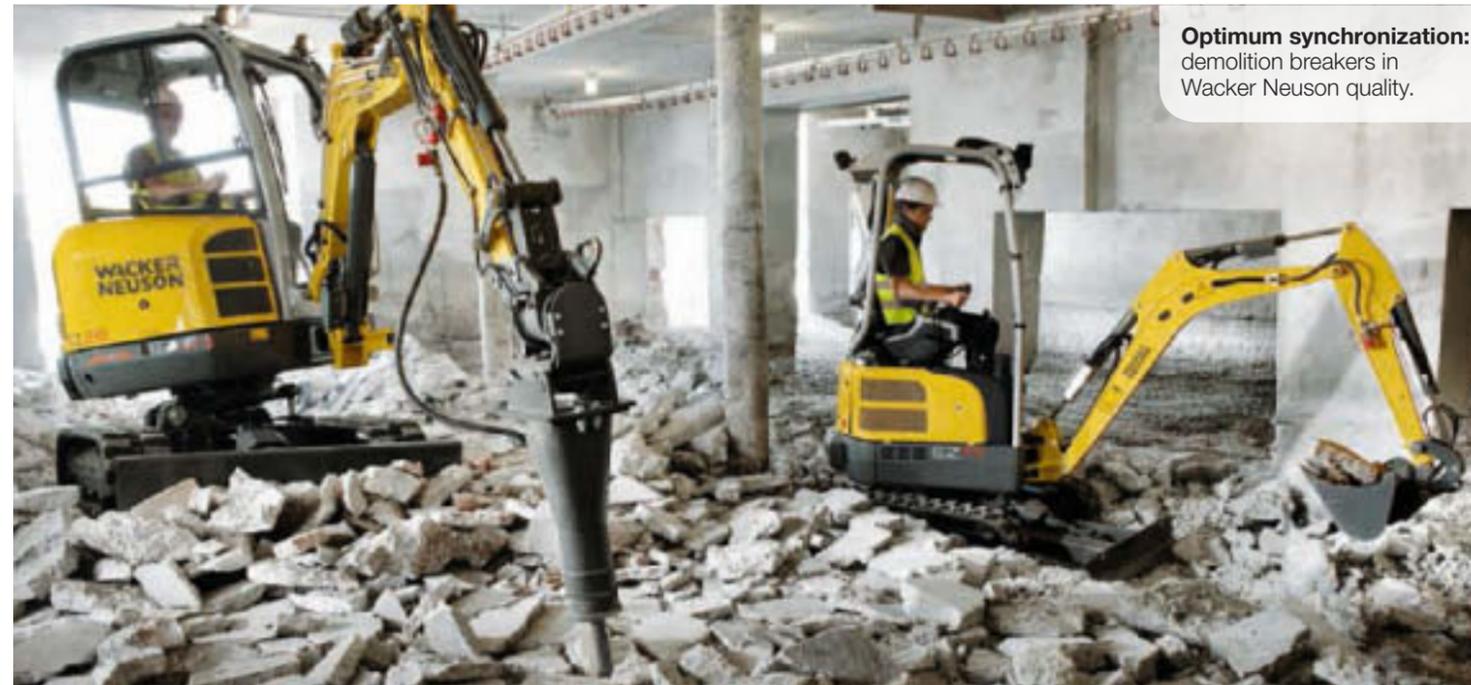
The right solution for any area of application.

With the compact and wheeled excavators from Wacker Neuson, you are ideally equipped for any field of application. Thanks to the innovative functions, sophisticated details and variety of attachments, the vehicles can cope with any challenge.



Compact: even with over 14 ton.

Compensate for surface unevenness: with the Vertical Digging System (VDS).



Optimum synchronization: demolition breakers in Wacker Neuson quality.



Ideal for the city and country: wheeled excavators with 3 steering modes.



Use on rails: specialized travel gear makes it possible.



Freedom of movement in all spaces: thanks to the telescopic travel gear and fold-down frame.

803

The smallest excavator from Wacker Neuson is characterized by its extremely slim design – this allows it to easily get through tight points, such as door openings.

- Telescoping travel gear (700–860 mm)
- Roll-over protective structure ROPS special safety bar for a high level of operator safety – can be folded down for low passages
- Fold-over dozer blade extensions
- Protected lifting arm cylinder on the top of the boom

	803
Shipping weight	930–990 kg
Digging depth (short dipper stick)	1,763 mm
Engine output	9.6 kW



Greatest digging depth in its class with particularly compact dimensions.

When things get tight: adjustable width.



803 dual power

Ideal for use in confined spaces or urban areas. With a few easy movements, you can connect an emission-free auxiliary drive to the excavator 803.

- Can be operated electrically or with a diesel engine, without any change in performance
- Intelligent cooling concept for working under full load up to an ambient temperature of 45°C
- Easy plug-and-play connection of the generator to the undercarriage
- 12 m hose for freedom of movement on the job site

	HPU8
Weight*	192 kg
Engine output	7.5 kW

* includes hydraulic oil

dualpower **ECO**

Discover more at:
www.wackerneuson.com/dualpower

Tip: Purchase your 803 excavator with the dual power option – if necessary, you can simply rent the generator!



To the next site of application: the HPU8 generator is quickly loaded and ready for transport.



For transport, simply hang the generator over the dozer blade.



1404

The 1404 is a class champion when it comes to weight and cabin size. Thus, you profit from efficiency output and comfort in equal measure.

- Telescoping travel gear (990–1,300 mm)
- Fold-over dozer blade extensions
- 2-way auxiliary hydraulics as standard
- Ergonomic and spacious cabin that can be easily disassembled via four screws
- Lift arm cylinders on the top of the boom are protected from damage

	1404
Shipping weight	1,400–1,620 kg
Digging depth (short dipper stick)	2,240 mm
Engine output	13.2 kW



The largest cabin
in the 1.5 ton class.

Easy transfer: the 1404 is quickly positioned by using the lifting lugs.



Extremely maneuverable: due to the high level of flexibility of the swivel console.

EZ17 zero tail

The EZ17 offers many functions and options that make working simpler, more productive and much more comfortable.

- Hydraulics with load-independent flow distribution with variable displacement pump for precise work
- Up to four control circuits possible
- Canopy with roof window, plenty of legroom and a high level of operating comfort
- Integrated lifting lugs for easy transfer
- Lift arm cylinders on the top of the boom are protected from damage

	EZ17
Shipping weight	1,595–1,765 kg
Digging depth (short dipper stick)	2,330 mm
Engine output	13.4 kW



The most powerful model in its class – despite being small and compact.



Canopy with roof window: for a clear view in all directions – even upwards.



Zero tail: thanks to the zero tail, it can also be rotated 360° against walls.

ET18, ET20, ET24

For a high level of excavation power, the models ET18, ET20 and ET24 have specially coordinated arm systems with different bucket arm lengths. These are adapted to the individual weight classes and allow you to work even more precisely.

- Intelligent cooling concept for working under full load up to an ambient temperature of 45°C
- Continuous proportional control for attachments
- Up to four auxiliary control circuits for connecting different attachments
- Practical 2-point lifting gear for easy transfer by crane
- Spacious cabin with clearly arranged operator's controls
- Innovative windshield system (see page 29)

ET18

Shipping weight	1,610–1,955 kg
Digging depth (short dipper stick)	2,200 mm
Engine output	13.4 kW

See all the advantages of the vertical digging system on page 26.



ET20

Shipping weight	1,880–2,075 kg
Digging depth (short dipper stick)	2,490 mm
Engine output	13.4 kW

See all the advantages of the vertical digging system on page 26.



The most powerful equipment in its weight class.

Telescoping travel gear for particularly tight spaces.

Adjustable dozer blade for safe operation.



ET24

Shipping weight	2,065–2,285 kg
Digging depth (short dipper stick)	2,500 mm
Engine output	13.4 kW

See all the advantages of the vertical digging system on page 26.



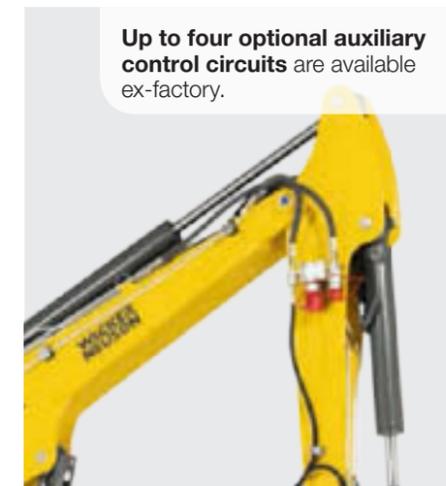
Easy transfer or lifting thanks to 2-point lifting gear.



High level of stability on any terrain thanks to VDS.



Up to four optional auxiliary control circuits are available ex-factory.



2503, 3503

Full power at a low rpm – one reason for the high running smoothness, economic efficiency and low noise emission.

- Self-cleaning travel gear
- Hydraulic, pilot-operated pedals that facilitate precise work
- Spacious cabin that can be easily demounted
- Optimal accessibility for maintenance

	3503
Shipping weight	3,425–4,105 kg
Digging depth (short dipper stick)	3,230 mm
Engine output	23.7 kW

See all the advantages of the vertical digging system on page 26.

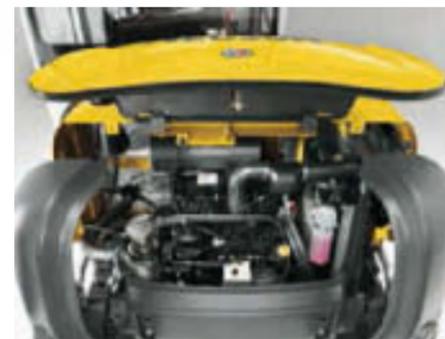


Standard: Auxiliary hydraulics for the dipper stick.



Standard with Auto2Speed transmission: two travel speeds automatically regulated, 2nd gear manually lockable – ideal for precise work.

	2503
Shipping weight	2,485–2,820 kg
Digging depth (short dipper stick)	2,620 mm
Engine output	19.2 kW



For full access: if the equipment needs to be serviced, the side parts of the rear weight can be removed.



Sit straight thanks to the vertical compensation: with VDS, it is possible to work efficiently, even on uneven terrain.

EZ28, EZ38 zero tail

Due to the compact dimensions of the zero tail models EZ28 and EZ38, you profit from machines that can perform all work perfectly, even with little space.

- Variable proportional control for particularly efficient work with attachments.
- Intelligent cooling concept for working under full load up to an ambient temperature of 45°C
- Auto2Speed (EZ38)
- Innovative windshield system (see page 29)
- Spacious, comfortable cabin with clearly arranged operator's controls

	EZ28
Shipping weight	2,575–3,230 kg
Digging depth (short dipper stick)	2,540 mm
Engine output	15.2 kW

See all the advantages of the vertical digging system on page 26.



	EZ38
Shipping weight	3,580–4,340 kg
Digging depth (short dipper stick)	3,110 mm
Engine output	21 kW

See all the advantages of the vertical digging system on page 26.



Ideal for tight spaces, since there is no tail overhang with lateral working movements.

Standard with Auto2Speed transmission: two travel speeds automatically regulated, 2nd gear manually lockable – ideal for precise work.

Transport possible with car trailers – thanks to a weight of 2.6 ton.



Sensitive operation and precise work with hydraulic, pilot-operated pedals.



Make way for easy maintenance, thanks to the tiltable cabin (only EZ38).



Easily attachable auxiliary rear weights made of solid cast steel.



Sophisticated cabin design for a high level of ergonomics.



50Z3, 75Z3 zero tail

The hydraulic system from the 50Z3 and 75Z3 will amaze you: it generates power reserves and thus guarantees 100% performance at an ambient temperature up to 45°C.

- Up to five auxiliary control circuits available
- Operation of auxiliary hydraulics and the 3rd control circuit with rocker on the joystick
- Tilttable cabin that is spacious and offers a great overview
- Innovative windshield system (see page 29)
- Optional air-conditioning system and counterweight

18% more stability through optional counterweight at 300 kg.



50Z3	
Shipping weight	4,905 – 6,205 kg
Digging depth (short dipper stick)	3,500 mm
Engine output	28.1 kW

See all the advantages of the vertical digging system on page 26.



75Z3	
Shipping weight	7,450 – 8,870 kg
Digging depth (short dipper stick)	4,039 mm
Engine output	43.7 kW

Standard with Auto2Speed transmission: two travel speeds automatically regulated, 2nd gear manually lockable – ideal for precise work.

Generous service access through laterally seated engine and large engine hood.



No tail overhang for safe operation on the streets and in the city.



Hauls away a great deal, thanks to the high-performance hydraulics.



6003, 8003

The small-turn excavators 6003 and 8003 combine the best maneuverability with a high level of stability. And the minimized tail overhang is ideal for use in tight spaces.

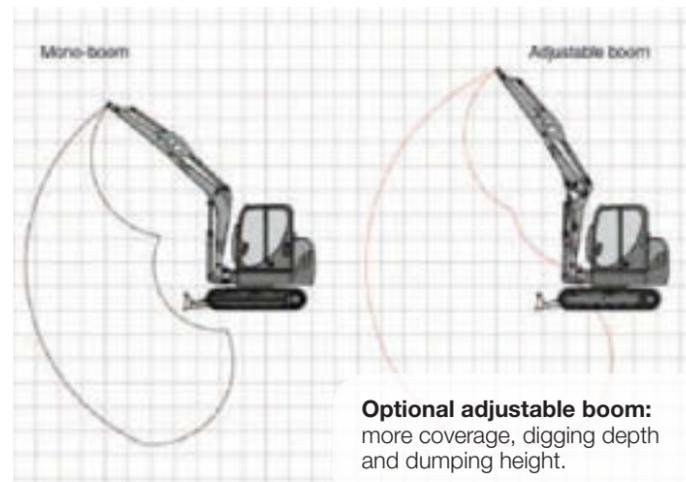
- Up to five auxiliary control circuits allow for the use of different attachments and therefore a higher range of utilization
- Large power reserves in the hydraulic system up to an ambient temperature of 45°C
- Optionally with an adjustable boom or a mono-boom
- Solid swing console with large boom pivot angle (67° left, 63° right)
- Auto2Speed
- Only minimal tail overhang from laterally installed engine
- Tilttable cab
- Innovative windshield system (see page 29)

Unique: 6 ton equipment with adjustable boom.

	6003
Shipping weight	5,605–6,690 kg
Digging depth (short dipper stick)	3,845 mm
Engine output	43.7 kW

	8003
Shipping weight	7,760–9,400 kg
Digging depth (short dipper stick)	4,311 mm
Engine output	43.7 kW

Large boom pivoting angle for far-reaching working radius.



On request: 8003 railway with custom undercarriage for railway construction work.



14504

With the 14504, profit from the size and maneuverability of an 8 ton excavator and the efficiency output of equipment in the 15 ton class.

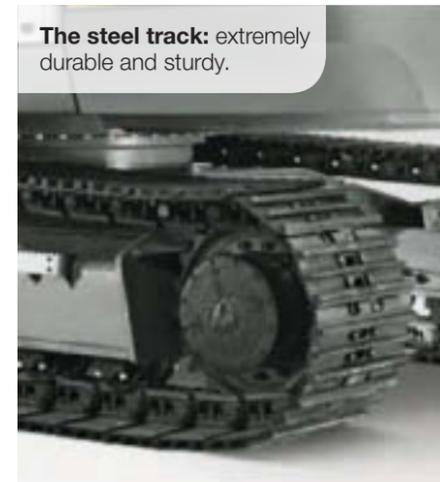
- Power adjustment through individual pump performance
- Additional hydraulically-activated control circuit for the application of particularly powerful attachments
- Rear engine and side-mounted hydraulic control block for an unimpeded view to the right
- Optional rubber, steel or hybrid track for a high level of application flexibility
- Air-conditioning system as standard
- Innovative windshield system (see page 29)

Unique: 14 ton excavator with swivel console and dozer blade.



	14504
Shipping weight	14,915– 15,695 kg
Digging depth (short dipper stick)	5,000 mm
Engine output	74.9 kW

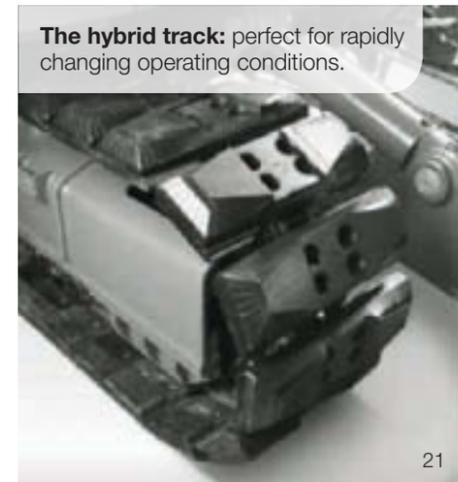
The steel track: extremely durable and sturdy.



The rubber track: high level of comfort with low noise development and no damage to sensitive subsurfaces.



The hybrid track: perfect for rapidly changing operating conditions.



6503

With its all-wheel drive and diverse outfitting variants, the wheeled excavator 6503 accompanies you on a variety of applications – and impresses with power, speed and easy operation.

- Large displacement diesel engine with optimally coordinated hydraulic system
- Available as the only one in its class with an adjustable boom – for a digging depth up to 3.9 m.
- Tilttable cabin for easy service access
- Up to five auxiliary control circuits available
- Innovative windshield system (see page 29)

	6503
Shipping weight	6,035 – 7,005 kg
Digging depth (short dipper stick)	3,540 mm
Engine output	43.7 kW



Attached at the rear as standard: the 6503 dozer blade.



Powerful and well-engineered: The 6503 is a true multifunction machine.



High speed drive system with up to 30 km/h peak for changing locations under its own power



The right tires for any application: balloon tires for good traction...



...and dual tires for sturdy road travel.

EW100

At 40 km/h, the EW100 is the fastest 10 ton wheeled excavator in its class. In addition, it stands out through its low fuel consumption and user-friendly functions.

- Outfitted with tier IV engine
- Maximum connection options with up to five auxiliary control circuits, three of which can be individually adjusted
- Tilttable cabin for easy service access
- Very maneuverable with three steering modes: Front axle steering, all-wheel steering and crab steering
- Innovative windshield system (see page 29)
- Various outrigger versions freely selectable

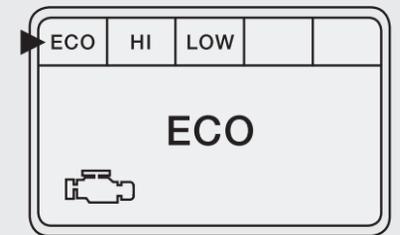
40 km/h
FASTEST 10-t
WHEELED
EXCAVATOR



Intuitive handling: all central functions can be controlled directly via the jog dial system.



Always the optimal working mode: choose between ECO, HI or LOW mode.



	EW100
Shipping weight	9,590 – 11,260 kg
Digging depth (short dipper stick)	4000 mm
Engine output	86 kW

Particularly operator-friendly thanks to just one drive pedal – both for road travel as well as working operations.

Accelerated maintenance and troubleshooting with the practical diagnostic tool.



Fuel-efficient work and high fuel savings with the ECO operating mode.

Your benefits in numbers

Up to
-20%
Consumption*

+15%
Power output*

* Compared to previous model
** at 20 km/h

Up to
+30%
Tractive force*



EW100

Variable revolving superstructure tilting

Vertical digging work, easily mastered: with the unique Vertical Digging System from Wacker Neuson, you can shorten your digging times and reduce your costs by up to 25%. The variable tilting of the revolving superstructure by up to 15° allows for easy compensation of gradients of up to 27%.

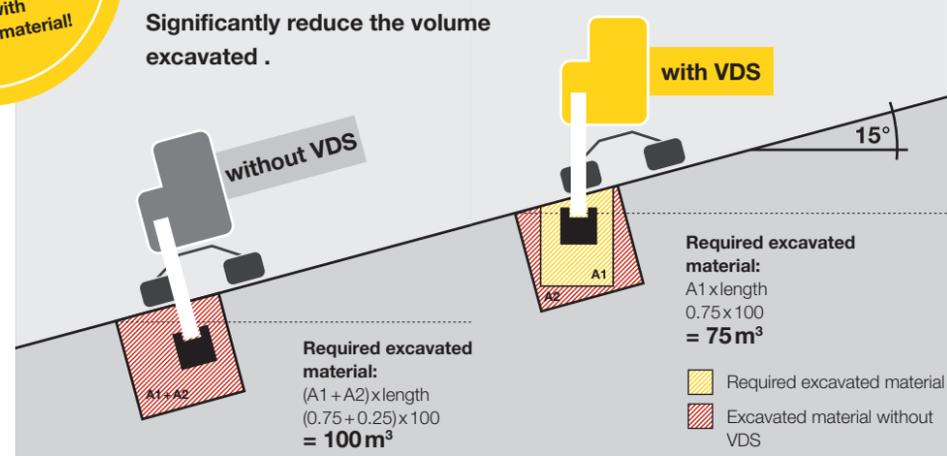
VDS is available for: ET18, ET20, ET24, EZ28, 3503, EZ38, 5023

More productivity, greater efficiency

- Up to 25% material and time-savings when excavating and backfilling.*
- Up to 20% higher stability.*
- Full all-round swing power through 360°.
- Familiar sitting position, fatigue-free working.
- 10 year warranty on tilting console and seating. (Upon proof of proper and regular maintenance.)

* at 15° gradient

SAVINGS per 100 m³ up to **25%** just with the filling material!



telematic

Very easy to reduce the risk of machine theft with our reliable GPS positioning telematics. Using Geofence technology, you can specify the area of application of your machines individually and are informed as soon as the machine leaves the area.

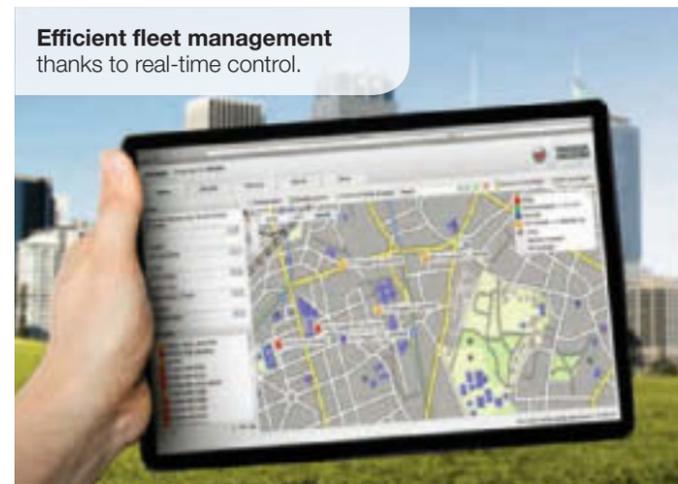
Telematic is available for all excavators

Reliable and safe

- 100% reliable position information via GPS
- Ideal for nights and on the weekend
- Immediately notifies you via text message or e-mail if your machine leaves the defined area



Efficient fleet management thanks to real-time control.



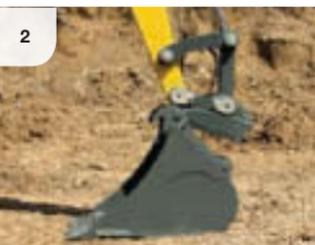
easylock

Without exiting the vehicle, you can replace one attachment with another in less than 30 seconds – with the hydraulically activated quick-hitch system Easy Lock, you will ensure a smooth sequence of operations and rely on the highest level of flexibility.

Change attachments in 30 seconds.



Easily attached in any direction!



Greatest flexibility for excavators

- Increases your productivity
- Hydraulics, Easy Lock and attachments are 100% matched to each other
- Deliverable ex-factory without cost-intensive and timely conversion work
- Time and personnel expenses are greatly reduced



Maintenance

The quality of Wacker Neuson excavators can also be seen when it comes to maintenance. Easy access to the corresponding components is the name of the game here, so that everything runs quickly, smoothly and conveniently.

Tilttable cabins for excellent service access.



Chassis covers can be quickly removed.



The floor plate in the cabins can easily be removed.



Self-cleaning travel gear is installed in all excavators from Wacker Neuson.



Innovative windshield system

Divided windows, which can slide open and be shifted if necessary, allow for easy communication with the operator and provide a good view.

The windshield system is available for: ET18, ET20, ET24, EZ28, EZ38, 50Z3, 6003, 75Z3, 8003, 14504, 6503, EW100

The upper window slides under the cabin roof.



The lower window slides behind the top window.



Both windows can be stored under the cabin roof.



Telescoping travel gear

Can also go through the tightest passages easily and without compromise in terms of stability: Our sturdy, hydraulic, telescoping travel gear can easily be retracted up to 700 mm if necessary.

Maximum flexibility: due to adjustable external width.



Telescoping travel gear is available for: 803, 803 dual power, 1404, EZ17, ET18, ET20

Fits comfortably through tight spaces

- High level of stability
- Hydraulic hoses are protected in the boom



Configuration possibilities

COMPACT EXCAVATORS AND WHEELED EXCAVATORS

	803	803 dual power	1404	EZ17	ET18	ET20	ET24	2503	EZ28	3503	EZ38	5023	6003	7524	8003	14504	6503	EW100	
CAB																			
Canopy with rear window	-	-	○	-	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○
Standard cab	-	-	○	-	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○
Cabin 1-door (sliding window)	-	-	-	-	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○
Cabin 2-door	-	-	-	-	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○
Rain roof	-	-	-	-	-	-	-	○	-	○	-	-	-	-	-	-	-	-	-
Rear canvas	-	-	-	○	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
FOPS protective grating level 1	-	-	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○
FOPS protective grating level 2	-	-	-	-	-	-	-	-	-	-	-	○	○	○	○	○	○	○	○
Side mirror, cabin right	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	○	○	○	○
Side mirror (rear view mirror)	-	-	○	○	-	-	-	○	○	○	○	○	○	○	○	○	○	○	○
Complete radio kit	-	-	○	-	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○
Radio installation	-	-	-	-	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○
Air-conditioning system	-	-	-	-	-	-	-	-	-	-	○	○	○	○	○	○	○	○	○
Automatic air-conditioning	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	○	-	○	○
Lifting lugs	-	-	○	-	●	●	●	-	-	-	-	-	-	-	-	-	-	-	-
Air-cushioned driver's seat	-	-	-	-	-	-	-	-	-	-	○	○	○	○	○	○	○	○	○
Protective grating for windshield	-	-	-	-	○	○	○	-	○	○	○	○	○	○	○	○	○	○	○
Shatter protection	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○
HYDRAULICS																			
Piping of auxiliary hydraulics for dipper stick	○	○	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Dual-acting auxiliary hydraulics	○	○	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Advanced overload warning device	-	-	-	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○
Basic overload warning device	-	-	-	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○
Proportional control (for auxiliary hydraulics)	-	-	-	-	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○
3. Proportional-controlled control circuit	-	-	-	○	○	○	○	-	○	○	○	○	○	○	○	○	○	○	○
BP-Biohyd SE46	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○
Panolin HLP Synt46 (Bio)	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○
Flat-sealing coupling	-	-	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○
Overload valves for 3rd control circuit	-	-	-	○	○	○	○	-	○	-	○	-	-	-	-	○	-	○	○
Overload valves for auxiliary hydraulics	-	-	-	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○
Grabber control circuit	-	-	-	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○
Preparation Easy Lock	-	-	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○
Powerlift setup	-	-	-	○	○	○	○	-	○	○	○	○	○	○	○	○	○	○	○
PAINT																			
Custom paint 1 RAL	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○
Custom paint 1 no RAL	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○
Custom paint cab/canopy RAL	-	-	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○
SECURITY																			
Security 24 P, PH or C (2,000 h)	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○
Security 36 P, PH or C (3,000 h)	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○

● Standard ○ Option - not suitable

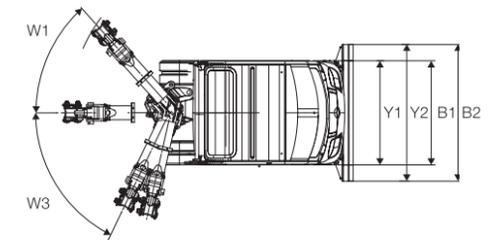
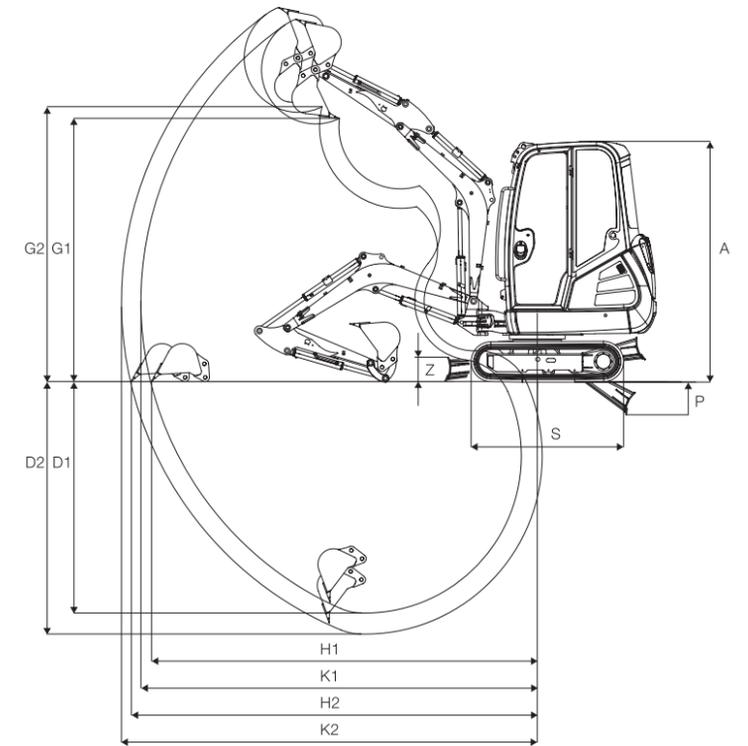
COMPACT EXCAVATORS AND WHEELED EXCAVATORS

	803	803 dual power	1404	EZ17	ET18	ET20	ET24	2503	EZ28	3503	EZ38	5023	6003	7524	8003	14504	6503	EW100	
MISCELLANEOUS																			
40 km/h	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	○
30 km/h	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	○
All-wheel steering	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	○
Fenders	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	○
Reversing camera	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	○
Particulate filter	-	-	-	-	-	-	-	-	-	-	-	-	○	○	○	○	○	○	○
Fluid Film	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○
Europe Telematics 12- 72 Months	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○
Cruise control	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	○
VDS	-	-	-	-	○	○	○	-	○	○	○	○	○	○	○	○	○	○	○
Standard rotating beacon	-	-	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○
Front and rear work lights	-	-	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○
Counterweight	-	-	-	○	-	-	-	-	○	-	○	○	○	○	○	○	○	○	○
Diesel fuelling pump	-	-	-	-	-	-	-	-	-	○	○	○	○	○	○	○	○	○	○
Automatic rpm speed control	-	-	-	-	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○
Drive signal	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○
Long dipper stick	-	-	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○
Long dozer blade	-	-	-	-	○	○	-	-	-	-	-	-	-	-	-	-	-	-	-
Front or rear dozer blade	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	○
Front or rear stabilizer support	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	○
Variable boom	-	-	-	-	-	-	-	-	-	-	-	-	○	-	○	-	○	○	○
Telescopic undercarriage	●	●	○	●	○	●	-	-	-	-	-	-	-	-	-	-	-	-	-
Hose rupture safeguard for dipper cylinder	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	○
STVO-accessories	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	○
Steering logic switch-over	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	○
Digi code or KAT drive interlock	-	-	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○
Tool box	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	○
Service valve for engine oil	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○
TÜV approval for road use (GER)	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	○
Rubber track B=300 mm	-	-	-	-	-	-	-	-	-	○	●	-	-	-	-	-	-	-	-
Rubber track B=500 mm	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Hybrid track	-	-	-	-	-	-	-	-	-	-	-	-	-	○	○	○	○	○	○
Steel track	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	○	○	○	○
Dual tires	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	○
Wide balloon tires	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	○
Balloon tires	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	○
INSTALLED TOOLS																			
Easy Lock	-	-	-	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○
Easy Lock + Powerlift	-	-	○	○	○	○	○	-	○	○	○	○	○	○	○	○	○	○	○
Easy Lock + Powerlift + load hook	-	-	-	○	○	○	○	-	○	○	○	○	○	○	○	○	○	○	○
OilQuick + load hook	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	○
OilQuick + Powerlift + load hook	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	○
PACKAGES																			
Easy Lock	-	-	-	○	○	○	○	-	-	-	-	-	-	-	-	-	-	-	-

Dimensions

			803	803 dual power	1404	EZ17	ET18	ET20	ET24	E2503	E228	E303	E228	E205	6009	7523	8003	14504	6059	E100
DIMENSIONS		UNIT																		
A	Height	mm	1,427	1,427	2,285	2,360	2,290	2,295	2,390	2,370	2,405	2,405	2,500	2,570	2,570	2,670	2,710	2,785	2,829	2,980
B1	Width of retracted travel gear	mm	700	700	990	990	990	990	1,400	1,370	1,570	1,620	1,740	1,990	1,990	2,300	2,250	2,490	2,085	2,450
B2	Width of extended travel gear (only telescopic travel gear)	mm	860	860	1,300	1,300	1,300	1,300	-	-	-	-	-	-	-	-	-	-	-	-
D1	Max. digging depth (short dipper stick)	mm	1,763	1,763	2,240	2,330	2,200	2,490	2,500	2,620	2,540	3,230	3,110	3,500	3,854 3,872***	4,030	4,290 4,260***	5,000	3,540 3,565***	4,000 3,950***
D2	Max. digging depth (long dipper stick)	mm	-	-	2,415	2,490	2,400	2,690	2,700	2,825	2,740	3,530	3,360	3,750	4,140 4,174***	4,320	4,580 4,560***	5,500	3,840 3,865***	4,300 4,250***
G1	Max. dumping height (short dipper stick)	mm	2,012	2,012	2,370	2,440	2,500	2,720	2,750	2,925	2,850	3,620	3,320	3,680	3,995 4,746***	4,500	4,840 5,614***	5,700	4,305 5,055***	5,160 5,935***
G2	Max. dumping height (long dipper stick)	mm	-	-	2,495	2,550	2,620	2,840	2,870	3,080	2,980	3,810	3,445	3,840	4,185 4,990***	4,690	5,030 5,882***	6,000	4,495 5,300***	5,350 6,205***
H1	Max. reach on ground (short dipper stick)	mm	3,028	3,028	3,850	3,700	4,030	4,025	4,410	4,490	5,175	5,190	5,860	-	6,122 -	6,970	7,046 -	8,100	6,045 6,495***	7,320 7,605***
H2	Max. reach on ground (long dipper stick)	mm	-	-	4,000	3,900	4,230	4,220	4,602	4,690	5,456	5,430	6,105	-	6,415 -	7,246	7,334 -	8,600	6,345 6,790***	7,615 7,905***
K1	Max. digging radius (short dipper stick)	mm	3,090	3,090	3,700	3,900	3,800	4,130	4,150	4,515	4,630	5,270	5,300	5,985	6,210 6,604***	7,070	7,170 7,482***	8,300	6,240 6,605***	7,815
K2	Max. digging radius (long dipper stick)	mm	-	-	3,860	4,050	4,000	4,330	4,340	4,693	4,820	5,546	5,535	6,225	6,490 6,894***	7,350	7,440 7,778***	8,800	6,525 6,895***	7,825 8,105***
P	Max. scraping depth of dozer blade under subgrade (short)	mm	178	178	264	275	320	300	340	415	410	490	460	455	400	480	450	495	285	132
P	Max. scraping depth of dozer blade under subgrade (long)	mm	-	-	-	-	380	360	-	-	-	-	-	-	-	-	-	-	-	-
R1	Min. tail swing radius	mm	747	747	1,075	650	1,160	1,160	1,160	1,240	760	1,400	870	995	1,465	1,150	1,150	2,015	-	1,575
S	Travel gear length – total (standard travel gear)	mm	1,220	1,220	-	1,460	-	1,840	1,840	2,020	2,075	2,060	2,500	2,500	2,845	2,808	3,605	-	-	3,193
S	Travel gear length – total (telescopic travel gear)	mm	-	-	1,605	1,605	1,710	-	-	-	-	-	-	-	-	-	-	-	-	-
W1	Max. pivoting angle of arm system to the right	°	56	56	49	57	48	48	48	45	50	45	55	61	51	63	63	57	-	-
W3	Max. pivoting angle of arm system to the left	°	55	55	73	65	77	77	77	80	75	80	70	65	75	67	67	70	-	-
X	Track / tire width	mm	180	180	230	230	230	250	250	250	300	300	300	400	400	450	450	500	-	514/ 530**
Y1	Dozer blade width	mm	700	700	990	990	990	990	1,400	-	1,570	-	1,740	1,990	1,990	2,300	2,250	2,490	-	2,465
Y2	Dozer blade width with extension (only telescopic travel gear)	mm	860	860	1,300	1,300	1,300	1,300	-	-	-	-	-	-	-	-	-	-	-	-

* Dual tires ** Balloon tires *** with boom



You can find additional dimensions at:
www.wackerneuson.com

Technical data

COMPACT EXCAVATORS AND WHEELED EXCAVATORS

		803	803	1404	EZ17	ET18	ET20	ET24	2503	EZ28	3503	EZ38	5023	6003	7523	8003	14504	6503	EW100	
		dual power																		
GENERAL		UNIT																		
Shipping weight*	kg	930-990	988-1,015	1,400-1,620	1,595-1,765	1,610-1,955	1,880-2,075	2,065-2,285	2,485-2,820	2,575-3,230	3,425-4,105	3,580-4,340	4,905-6,205	5,605-6,690	7,450-8,870	7,760-9,400	14,915-15,695	6,035-7,005	9,590-11,260	
Operating weight:	kg	1,030-1,090	1,088-1,115	1,530-1,760	1,725-1,895	1,745-2,090	2,025-2,220	2,210-2,430	2,640-2,975	2,735-3,380	3,600-4,280	3,755-4,515	5,280-6,580	5,905-6,990	7,820-9,240	8,130-9,770	15,550-16,330	6,305-7,275	10,035-11,705	
Max. shearing force	kN according to ISO 6015	4.5	4.5	7.85	8.39	11.59	13.08	15.62	13.52	16.61	21.97	23.31	27.71	29.08	37.05	40.51	72.12	31.5/27.8	Mono: 25.8/23.1 Adjuster: 40.34/36.34	
Max. bucket digging force	kN according to ISO 6015	8.9	8.9	15.31	18.76	18.57	18.99	21.96	22.5	27.66	37.25	35.16	38.06	44.02	52.1	60.15	102.39	44.3	60.15	
ENGINE		UNIT																		
Model	-	3TNV70	3TNV70	3TNV76	3TNV76	3TNV76	3TNV76	3TNV76	3TNV76	3TNV88	3TNV76	4TNV88	3TNV88	4TNV88	4TNV98	4TNV98	4TNV98	TCD2012-L04	4TNV98-VNS	Perkins 854
Model	-	Liquid-cooled 3-cylinder diesel engine	Liquid-cooled 3-cylinder diesel engine	Liquid-cooled 3-cylinder diesel engine	Liquid-cooled 3-cylinder diesel engine	Liquid-cooled 3-cylinder diesel engine	Liquid-cooled 3-cylinder diesel engine	Liquid-cooled 4-cylinder diesel engine	Liquid-cooled 3-cylinder diesel engine	Liquid-cooled 4-cylinder diesel engine	4-cylinder turbo diesel engine with intercooling	Liquid-cooled 4-cylinder diesel engine	Liquid-cooled 4-cylinder turbo diesel engine							
Displacement	cm ³	854	854	1,116	1,116	1,116	1,116	1,116	1,642	1,115	2,189	1,642	2,189	3,318	3,318	3,318	4,038	3,318	3,300	
Rated engine speed	rpm	2,100	2,100	2,200	2,200	2,200	2,200	2,200	2,200	2,500	2,000	2,400	2,400	2,100	2,100	2,100	2,140	2,100	2,400	
Engine output	according to ISO kW/ hp	9.6/13	9.6/13	13.2/17.9	13.4/18.2	13.4/18.2	13.4/18.2	13.4/18.2	19.2/26.1	15.2/20.7	23.7/32.2	21/28.6	28.1/38.2	43.7/58.5	43.7/58.5	43.7/58.5	74.9/101.8	43.7/58.5	86/116	
Fuel tank volume	l	10	10	24	22	24	24	24	41	35.2	52	44	83	83	93	93	205	83	170	
HYDRAULICS		UNIT																		
Pumps	-	2 gear pumps	2 gear pumps	Gear pump	LIFV with variable displacement pump	Double variable displacement pump with 2 gear pumps	Double variable displacement pump with 2 gear pumps	Double variable displacement pump with 2 gear pumps	Double variable displacement pump and gear pump	Double variable displacement pump and double gear pump	Double variable displacement pump and double gear pump	Double variable displacement pump and double gear pump	Double variable displacement pump and double gear pump	2 variable displacement pumps, 2 gear wheels	Double variable displacement pump and gear pump	1 pump load-sensing				
Max. flow rate	l/min	11.4+11.4	11.4+11.4	35	39.6	47.6+19+6.4	47.6+19+6.4	52.2+19.4+6.4	28.5+28.5+19	2x30.5+21.2+7.2	44.5+44.5+25.1	2x40+26.3+11.3	2x57+41.4+11.7	2x59.6+44.7+9.6	73.3+73.3+62.7	2x76.6+2x34.1	2x126+21.5+32	2x64.1+48+10.3	180	
Operating pressure for work and drive hydraulics	bar	170	170	200	240	200	200	240	240	225	240	240	240	245	260	300	340	225/225	290/440	
Operating pressure for slewing gear	bar	70	70	150	150	125	150	150	200	206	200	210	215	215	215	245	320	235	-	
TRAVEL GEAR		UNIT																		
Track width	mm	180	180	230	230	230	250	250	250	300	300	300	400	400	450	450	500	-	-	
Ground clearance	mm	127	127	180	160	210	170	295	270	277	280	280	305	290	375	380	480	270	361	
Travel speed	km/h	1.8	1.8	2.5	4.8	5.3	4.1	4	4.4	3.8	5.5	4.6	4.6	4.7	5	5.2	5.1	up to 30	up to 40	
Max. gradeability	° (%)	58	58	58	58	58	58	58	58	58	58	58	58	58	58	58	78	-	-	
NOISE EMISSIONS		UNIT																		
Sound power level (L _{WA})	dBA according to 2000/14/EC	93	93	93	93	93	93	93	94	93	95	95	96	98	98	98	98	98	98	101
Sound pressure level (L _{PA})	dBA according to ISO 6394	-	-	-	79	77	77	76	74	-	74	77	77	78	77	78	-	-	-	

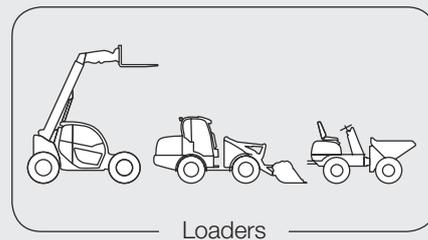
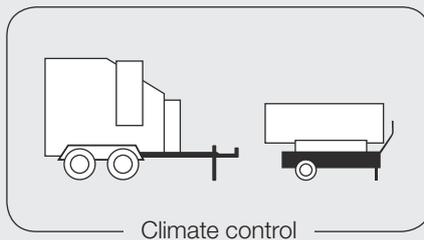
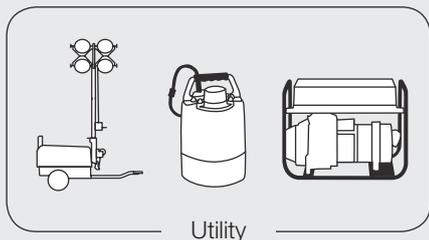
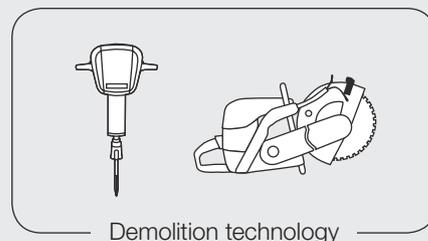
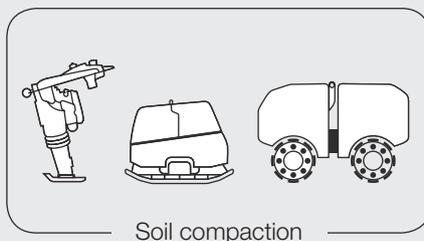
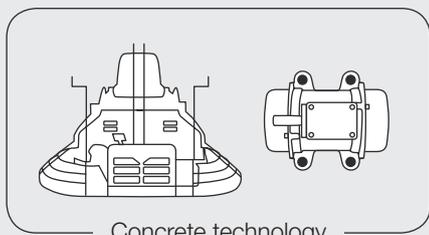
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