

# Tracked and wheeled excavators



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



## These reasons speak for tracked and wheeled excavators from Wacker Neuson.

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

Powerful, maneuverable, stable, fast and also economical with fuel consumption – the Wacker Neuson excavators are among the best in their class. For we pay attention to every detail in the excavator design and development. Ultimately, you should always carry out your work accurately and quickly with the right performance. So you profit from our innovative strength.

### 2. Reliable operation! With proven quality from excavator specialists.

Whether used in road and highway construction, on uneven ground conditions or indoors: Excavators from Wacker Neuson fulfill their requirements right to the point. You can therefore totally rely on the interplay of intelligent functions, high-quality materials and first-class processing.

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

You will not just find the right excavator in our extensive product range, but also attachments for various application areas. You therefore receive a solution tailor-made to your requirements. This of course also includes our services rendered for the procurement of your Wacker Neuson products up to the commissioning of your machines. In this way, you can focus entirely on your projects.

#### 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 extensive product range of excavators. We do our best every day to ensure your success. And we do this full of passion for our jobs.

## ECOlogy + ECONomy = ECO

Our goal is to offer our customers solutions that are excellent in terms of economic efficiency as well as in terms of environmental friendliness – and we can also prove this endeavor with facts and figures. We distinguish products that meet these two criteria to a particularly high degree with our ECO seal, which stands for ECOlogy (environmental friendliness) and ECONomy (economic efficiency).



## All excavators in an overview.

								
<b>803</b>	<b>803 dual power</b>	<b>ET16</b>	<b>EZ17</b>	<b>ET18</b>	<b>ET20</b>	<b>ET24</b>	<b>2503</b>	<b>EZ28</b>
Shipping weight: 932–992 kg > Page 08	955–1,015 kg > Page 09	1,402–1,602 kg > Page 10	1,596–1,822 kg > Page 11	1,582–2,060 kg	1,862–2,182 kg > Page 12	2,057–2,401 kg	2,483–2,794 kg > Page 14	2,575–3,222 kg > Page 16
								
<b>3503</b>	<b>EZ38</b>	<b>EZ53</b>	<b>ET65</b>	<b>EZ80</b>	<b>ET90</b>	<b>ET145</b>	<b>EW65</b>	<b>EW100</b>
Shipping weight: 3,425–4,108 kg > Page 15	3,582–4,303 kg > Page 17	4,968–6,165 kg > Page 18	5,806–6,682 kg > Page 20	7,588–8,877 kg > Page 24	8,348–9,625 kg > Page 21	14,917–15,701 kg > Page 26	6,472–7,720 kg > Page 30	9,241–10,461 kg > Page 31

## Your custom excavators from Wacker Neuson.

Make a Wacker Neuson excavator into exactly the machine you need. Depending on the model, many intelligent functions and outfitting options are available to you for this purpose. We have compiled some of them for you here. They will help you to adapt your excavators to specific requirements. In this way, you work efficiently and achieve maximum productivity with your Wacker Neuson excavator in every application.

### Continuous revolving superstructure tilting VDS

Easily master excavation work on a slope – and thereby reduce the material and the time required by around 25%: this is done by the Vertical Digging System from Wacker Neuson. The revolving superstructure can be tilted continuously by up to 15°, thereby compensating for slopes of up to 27%.

#### Work much faster with VDS

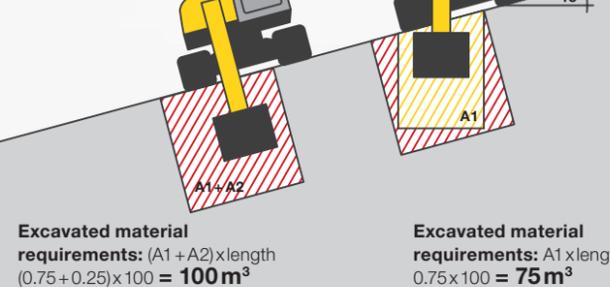
- Up to 25% material and time savings when excavating and backfilling\*
- Safe work due to up to 20% increase in stability\*
- A good line-of-sight at all times, because the same swing power is ensured through 360°
- Fatigue-free working due to familiar seat position

\* On a 15° gradient

#### Reduce the excavated volume

through vertical excavation with VDS.

-  Excavated material requirements
-  Excavated material without VDS



## Global monitoring system

our global monitoring system. Using Geofence technology, you determine the area of application of the machine, and will be informed as soon as a machine is outside of this area.



#### Reliable and secure

- 100% reliable position indication by GPS
- Ideal for nights and on weekends
- Alerts you immediately by text or e-mail if your machine leaves the defined area
- With many useful additional functions, like service reminders, operating time evaluations, and much more



**Down-to-the-minute overview guaranteed:** the web portal provides you with information about all machine movements.



## Easy maintenance

The high level of productivity of our machines is not just because of the sturdy technology. Most service work can be completed in no time thanks to fast and easily accessible maintenance points. Professional maintenance by our technicians and original spare parts from Wacker Neuson also extend the service life of your machines.



**The practical diagnostic tool WANDA** makes troubleshooting easier and shortens the maintenance.



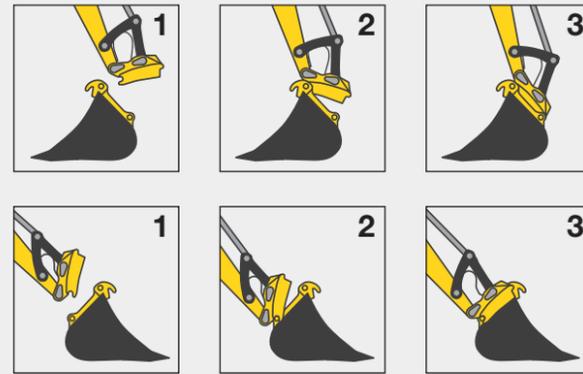
## Attachments for every application

Be it a swivel bucket, hydraulic hammer, power grab, mulcher or auger – thanks to the optional auxiliary control circuits of Wacker Neuson excavators, you can connect a variety of attachments. This expands the application areas and therefore the utilization of your excavators. You also complete all work quickly and efficiently.



## Quick hitch system

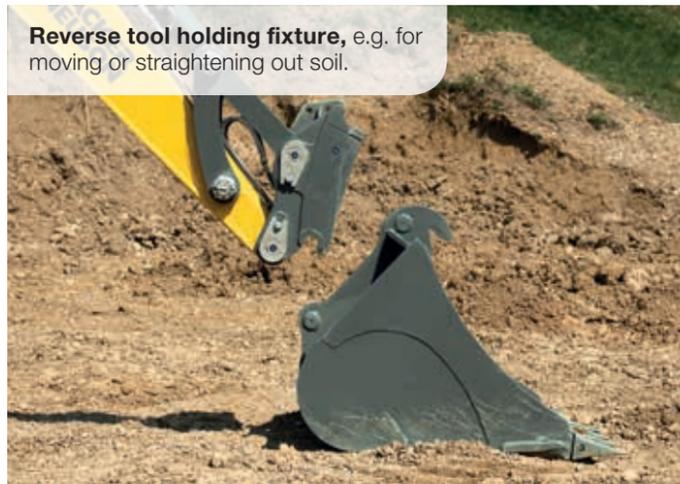
Replace the attachment in less than 30 seconds – using the Easy Lock hydraulic quick hitch system. For this purpose, the operator does not have to get out and the new attachment is operational immediately. For even more flexibility and productivity.



**Classic tool holding fixture,** e.g. for completing excavation in a few seconds

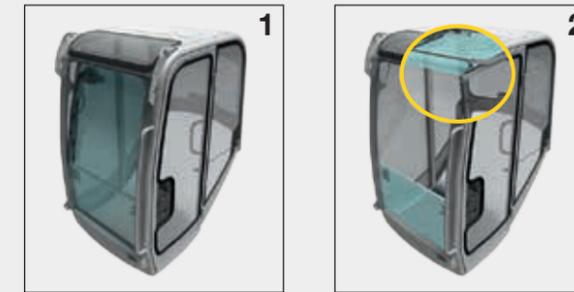


**Reverse tool holding fixture,** e.g. for moving or straightening out soil.



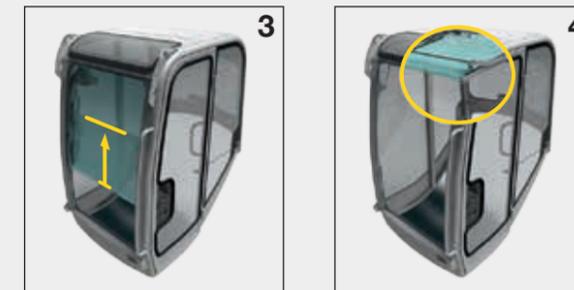
## Innovative windshield system

The two-piece front windshield allows for optimal ventilation of the cabin in any weather. In addition, it makes communicating with the operator easier. A separate removal and storage of the window is therefore a thing of the past.



Closed windshield – the two glass windows keep out water and wind.

The upper front window can be pushed under the cabin roof. The lower window is used as splash protection.



The lower window slides behind the upper window, making it ideal for talking with colleagues.

If necessary, both windows are pushed below the cabin roof where they are stored safely.

The front windshield system is available for: ET18, ET20, ET24, EZ28, EZ38, EZ53, ET65, EZ80, ET90, ET145, EW65, EW100



**Perfect working climate,** even on warm days.

## Long service life

High-quality materials and first-class processing – Wacker Neuson products meet the highest quality requirements. The solid steel structure of the machines is powder coated, making it robust against mechanical influences and corrosion. Large bolt diameter in combination with steel bushings provide for a long service life.



**Large bolts** raise stability – for more control when handling materials.



**High level of processing quality** for reliable application in the harshest conditions.



**Large range of applications** through special attachments, such as the power grab.



# 803

The smallest tracked excavator from Wacker Neuson is optimal when there is little space and when working in the interior, e.g. during rehabilitation. At very narrow locations, the hydraulic tele travel gear and the dozer blade can be reduced to 700 mm, and the ROPS special safety bar can be folded in. The small tail swing radius also provides maximum movement within a narrow space.

- The largest engine output in this class: 3-cylinder engine, additional hydraulic performance, optimal cooling
- Lifting arm cylinder at the top of the boom optimally protected against damage
- Safe working thanks to the optional shatter protection
- Very good access for service due to a large engine hood and removable covers

**Easily fits through standard doors** thanks to its slim design – ideal for indoor applications.



	803
Shipping weight (kg)	932–992
Digging depth (mm)	1,763
Engine output (kW)	9.6

# 803 dual power

Ideal for use in closed rooms or in urban areas: you can connect an emission-free auxiliary drive to the 803 dual power in a few easy steps.

- Depending on the site of application, optionally with diesel operation or an electro-hydraulic power unit
- No performance loss due to electric operation
- Simple plug and play connection of the unit to the undercarriage
- 12 m hose for freedom of movement on the construction site
- Quick transport to the next construction site: The power unit is quickly loaded onto the transport vehicle

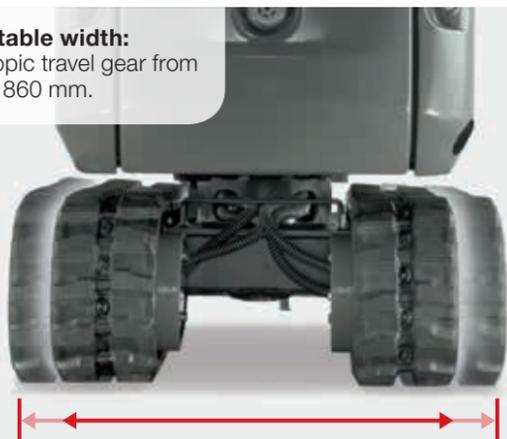
	HPU8
Weight* (kg)	192
Aggregat performance (kW)	7.5
Mains voltage (V)	400

\* Includes hydraulic oil

**Tip:** Buy your 803 excavator with the dual power option – and just rent the power unit if necessary!



**Adjustable width:** telescopic travel gear from 700 to 860 mm.



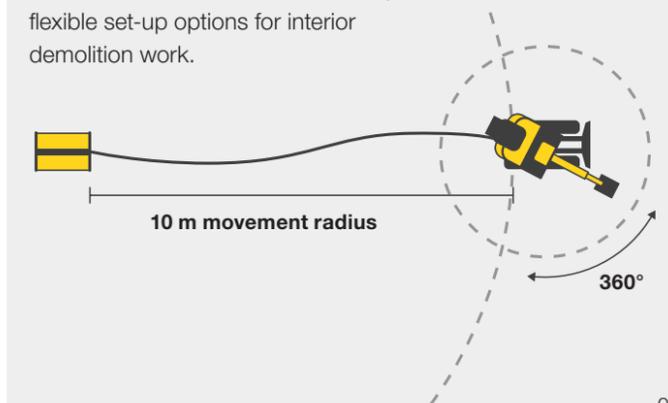
**Practical for low passages:** the roll-over protective structure special safety bar can be folded down.



**Quick relocation on the construction site:** simply hook up the power unit to the dozer blade.



**Full freedom of movement, zero emissions:** flexible set-up options for interior demolition work.



# ET16

Maximize the usage times of your machines by fast transport: for instance, the ET16 can be quickly brought to the next construction site on a car trailer. And for easy and safe lifting of the machine, there are two lifting lugs on the canopy or the cabin roof.

- Most powerful drive of its class
- Load sensing hydraulic system with LUDV\* for precise work and an optimal result
- The largest cabin in its class for plenty of freedom of movement: ergonomically designed and high-quality equipment
- Flexible when there is little space: telescopic travel gear 990–1,300 mm, collapsible dozer blade extension, demountable canopy/cabin without impairment to any functions
- Very good access for service: large engine hood and removable covers
- Lifting arm cylinder at the top of the boom optimally protected against damage
- High-performance two-way auxiliary hydraulics with its own, pressureless return pipe

\* Load-independent flow distribution

	ET16
Shipping weight (kg)	1,402–1,602
Digging depth with dipper stick arm (mm)	2,242
Engine output (kW)	13.2



**Second travel speed up to 4 km/h as a standard:** So that you save valuable time on the construction site:

**Complete excavation work more quickly** thanks to the good excavation performance.

# EZ17 zero tail

The EZ17 is designed without tail overhang. This allows you a high level of mobility, even when working in the direct vicinity of walls or building walls.

- Can be easily transported with a car trailer
- The most powerful drive of its class in connection with the load-sensing hydraulic system with LUDV\* and variable displacement pump
- Up to 4 additional control circuits are possible for multi-functional attachments
- Flexible when there is little space: Tele travel gear 990–1,300 mm, collapsible dozer blade extensions, detachable canopy without impairment to any functions
- Good all-round visibility due to canopy with roof window for even more safety
- Ideal access for service: large engine hood, fold-down seat console and removable covers
- Even better stability due to optional additional rear counterweight

\* Load-independent flow distribution

	EZ17
Shipping weight (kg)	1,596–1,822
Digging depth with dipper stick arm (mm)	2,326
Engine output (kW)	13.4



**Two lifting lugs:** the ET16 therefore remains balanced when repositioning and can be safely placed down.



**The largest cabin in its class** has modern outfitting and is ergonomically designed.



**Easy transport with a car trailer:**

thanks to compact dimensions and a weight below 1.7 tons

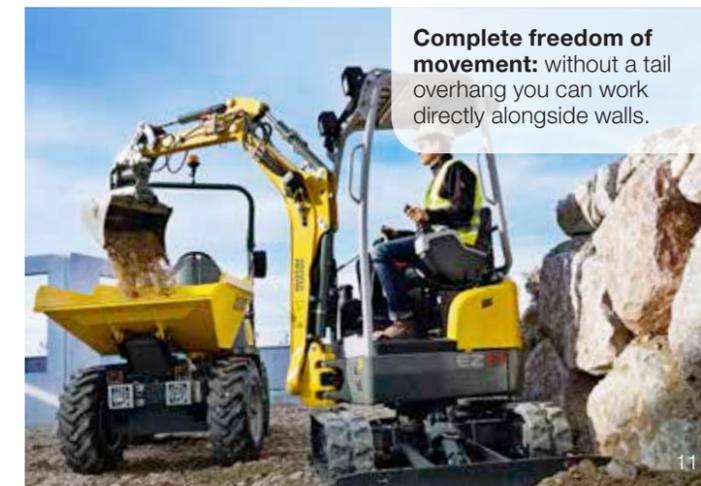


**Perfect visibility of the work area:**

upwards thanks to the roof window and to the rear due to the compact design and short rear.



**Complete freedom of movement:** without a tail overhang you can work directly alongside walls.



# ET18, ET20, ET24

These three models have been tuned for high performance: The ET18 inspires by its superior power. The ET20 is marked by exceptional digging values and the ET24 has the same power as a 2.5 ton machine.

- Intelligent cooling system for working under full load at high ambient temperature
- Flexible when there is little space: Telescopic travel gear 990–1,300 mm (ET18, ET20), collapsible dozer blade extensions and low clearance heights with the canopy removed
- Large comfortable cabin with many sophisticated functions
- Cabin and canopy can be removed without impairing functions
- 25% savings of time and material thanks to Vertical Digging System (VDS)
- Can be easily transported with a car trailer
- Ideal access for service: large engine hood and removable covers
- Many options available ex works, e.g. long dozer blade, overload valves, idling speed automatic



	ET20
Shipping weight (kg)	1,862–2,182
Digging depth with dipper stick arm (mm)	2,483
Engine output (kW)	13.4

**Lightweight and powerful:** can be transported on a car trailer and provides the performance of a 2.5 ton excavator.

**The most powerful overall performance in its class:** with up to 30% more work performance than comparable machines.

	ET18
Shipping weight (kg)	1,582–2,060
Digging depth with dipper stick arm (mm)	2,197
Engine output (kW)	13.4



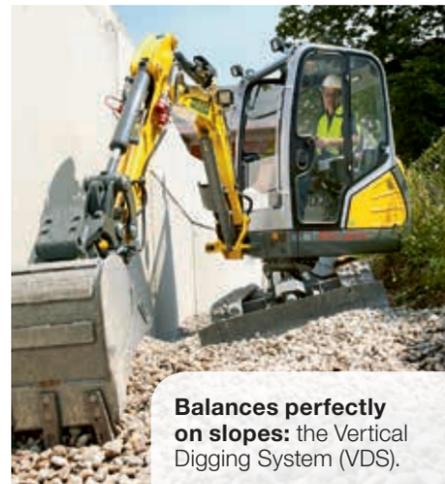
**Best digging values and dumping height** with first-class stability due to chassis and lifting arm system specially adapted to the 2 ton weight class.



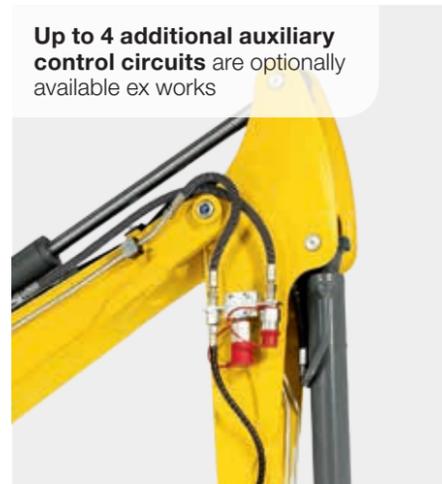
	ET24
Shipping weight (kg)	2,057–2,401
Digging depth with dipper stick arm (mm)	2,402
Engine output (kW)	13.4



**2 lifting lugs** for easy lifting and repositioning.



**Balances perfectly on slopes:** the Vertical Digging System (VDS).



**Up to 4 additional auxiliary control circuits** are optionally available ex works



**Agile and powerful** off-road and in constricted spaces.



**Extremely ergonomic,** since there is plenty of legroom and headroom and it has an individually adjustable operator's seat.

# 2503, 3503

High level of productivity and excellent work results can be achieved with the 2503 and 3503 thanks to the powerful diesel engines with high torque. At the same time, these machines provide you with a high level of running smoothness and low noise development.

- Low width and height ensure easy transport and good application conditions in narrow spaces
- Long service life and high resale value due to very sturdy, tried and tested design
- Very good access for service: large engine hood, extendable rear weights and removable chassis covers
- Large comfortable cabin with many sophisticated functions
- Stable X frame with easy-to-clean travel gear
- Ideal for low clearance heights, since the canopy or cabin can be removed
- Up to 4 additional control circuits for multi-functional attachments
- Optionally available ex works: Overload valves, automatic idling speed and much more

**Extremely sturdy, compact and powerful** – this ensures a long service life.

	2503
Shipping weight (kg)	2,483–2,794
Digging depth with dipper stick arm (mm)	2,620
Engine output (kW)	19.4

	3503
Shipping weight (kg)	3,425–4,108
Digging depth with dipper stick arm (mm)	3,230
Engine output (kW)	23.7



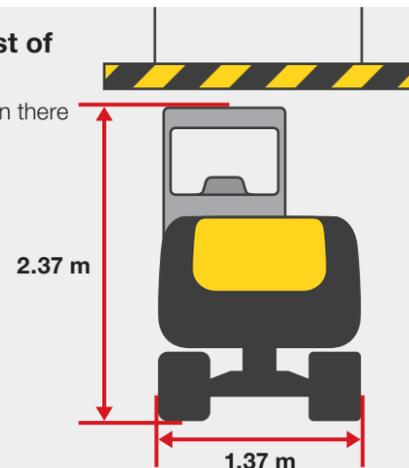
**The best of both classes:** dimensions of the 3.5 t weight class with the drive performance of a 5 t excavator.



**Full access for fast maintenance,** even the side sections of the rear weight can be pulled out.

### One of the lowest of its class:

The 2503 is ideal when there is not much space.



**Tilted positions of up to 27%** are easily compensated by the Vertical Digging System (VDS).



**Very precise work** thanks to hydraulically pilot controlled pedals.

# EZ28, EZ38 zero tail

Compact and comfortable—the zero tail excavators EZ28 and EZ38 prove that both are possible. For instance, due to their design without tail overhang you can also perform lateral work movements at edges. At the same time, the models have a spacious cabin with many comfort functions.

- High performance at low weight and therefore suitable for transport with a car trailer
- Comfortable cabin with many sophisticated functions
- Practical for low passages heights: The canopy or cabin can be removed
- 25% savings of time and material thanks to Vertical Digging System (VDS)
- Ideal service access: large, side-mounted engine hood and large removable chassis covers on the inside and outside and a tiltable cabin on the EZ38
- Up to 4 auxiliary control circuits with their own pressureless return pipe for multi-functional attachments
- Many options available ex works, e.g. overload valves, idling speed automatic

**Compact dimensions, removable cabin:** the EZ28 only takes up little space when transported or in application.

	<b>EZ28</b>
Shipping weight (kg)	<b>2,575–3,222</b>
Digging depth with dipper stick arm (mm)	<b>2,544</b>
Engine output (kW)	<b>15.2</b>



	<b>EZ38</b>
Shipping weight (kg)	<b>3,582–4,303</b>
Digging depth with dipper stick arm (mm)	<b>3,107</b>
Engine output (kW)	<b>21.4</b>



**Cabin comfort in every respect:** enough space, practical splitting mechanism of the front windows and functions such as adjustable proportional control.

**Can be transported by car trailer** – thanks to a weight from 2.6 t.



**Sensitive operation** and precise work using hydraulic pilot controlled pedals.



**Can be used in a wide variety of functions** with attachments such as the demolition breaker.

**Easy to assemble:** additional rear counterweight made of solid cast steel for more stability and excavating power.



**Compensates for slopes** – and the operator sits upright thanks to the Vertical Digging System (VDS).



# EZ53 zero tail

High excavation performance even at locations difficult to access – you can achieve this with one of the largest zero tail models from Wacker Neuson. Because with the EZ53, the rear never extends beyond the undercarriage.

- New technology for significantly higher motor and hydraulic performance with simultaneously reduced fuel consumption
- Higher material handling through improved excavation performance and higher performance of the turbo diesel engine
- 25% savings of time and material thanks to Vertical Digging System (VDS)
- Very spacious comfort cabin
- Exceptional service access due to tilting cab, large, side-mounted engine hood and large removable chassis covers on the inside and the outside
- Up to 5 auxiliary control circuits with their own pressureless return pipe for multi-functional attachments
- Optional additional rear counterweight for increased stability
- Many options available ex works, e.g. overload valves



	<b>EZ53</b>
Shipping weight (kg)	<b>4,968–6,165</b>
Digging depth with dipper stick arm (mm)	<b>3,501</b>
Engine output (kW)	<b>36.3</b>

**MOST POWERFUL EXCAVATOR**  
in its class

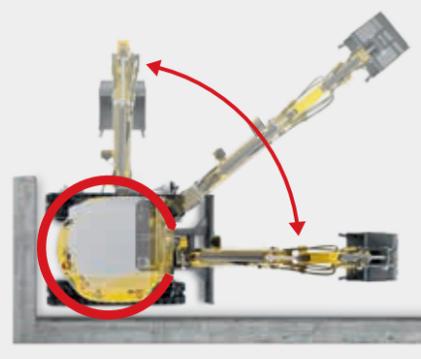
**Convincing:** higher material handling thanks to optimized excavation and material handling performances.

Learn more about our vertical digging system:  
[www.wackerneuson.com/vds](http://www.wackerneuson.com/vds)

**Optimal service access** due to the large hood on the lateral engine.



**No tail overhang** for safe work in road highway construction and urban development.



The cabin can be tilted to the side in a few easy steps for maintenance.

**The productivity is great here:** higher digging power for faster excavation.



**Stand and move safely in little space:** ideal for working in the urban sector.



# ET65, ET90

ET65 and ET90 are excavators whose design directly includes many wishes of the customer. The result: high performance machines with tremendous excavation power and very economical fuel consumption. And this means the following for you: up to 30 percent more productivity, up to 20 percent less consumption.\* We have highlighted additional details on the excavators – **they always apply to both models.**



- Optional articulated boom** for greater reach, digging depth and dumping height
- High level of cabin comfort** thanks to the clearly arranged display, sliding windows that open on both sides, automatic air-conditioning, air cushioned driver's seat with heated seats and much more.
- Tiltable cabin, removable chassis covers** and a diagnostic tool make maintenance easier
- Optionally available** diesel particulate filter
- Load sensing hydraulic system** with LUDV\*\*\* for precise work  
\*\*\* Load-independent flow distribution
- All-around lighting** from headlights in the chassis
- Up to 5 additional control circuits** for various attachments
- Up to 4 track versions** for all applications
- 8 large tie-downs** for simple tying down and safe transport

	ET65
Shipping weight (kg)	5,806–6,682
Digging depth** with dipper stick arm (mm)	3,893
Engine output (kW)	36.3

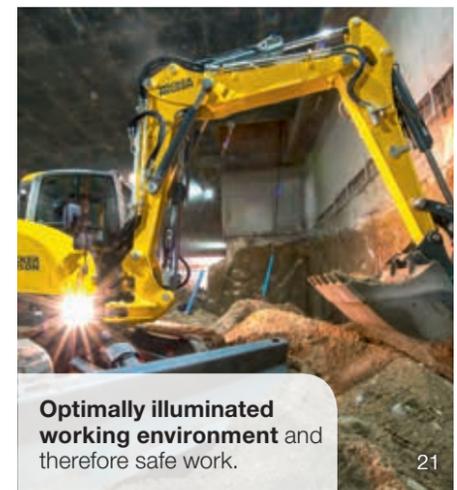
	ET90
Shipping weight (kg)	8,348–9,625
Digging depth** with dipper stick arm (mm)	4,379
Engine output (kW)	55

\*\* With articulated boom



- Powerful excavation performance** due to high digging power and 3-point kinematics
- Very good excavation performance** due to 20% more breakaway force
- With up to 20% less fuel consumption\*** operating costs are significantly reduced.  
\* Compared to the previous model

Experience the ET65 and ET90 in action:  
[www.wackerneuson.com/6-10t](http://www.wackerneuson.com/6-10t)



# ET65, ET90

Up to  
**20%**  
LESS FUEL  
CONSUMPTION!\*

\* Compared to the previous model



## Very good service access

thanks to the tiltable cabin and removable chassis covers.



## Unique 3-point kinematics

The higher torque or the 3-point kinematics as well as the 200° expanded angle of rotation make the ET65 and ET90 the best in their class in terms of excavation power.

- Optimal insertion angle rotation of the bucket
- Digs even deeper vertically
- More powerful excavation
- Improved dumping behavior and less material loss

## Reduced dimensions

Whether during transport or in tight spaces: thanks to its compact design, the ET65 and the ET90 can easily take you to your next construction site. And on the construction site, the machines can maneuver anywhere – even in constricted spaces. You can benefit from high efficiency in all applications.

- Extremely low overall height of the machine
- Small dimensions due to the intelligent component arrangement
- Higher level of stability due to the low center of gravity

## Optimal visibility

Safe and productive working starts with a good visibility of the working area. With the ET65 and ET90, you now have an even better view of the attachment, since the position of the boom was changed slightly.

## Value-added cabin comfort

The highest operating comfort is standard with the ET65 and ET90. In addition, we offer you numerous options to adapt your excavator to your individual requirements.

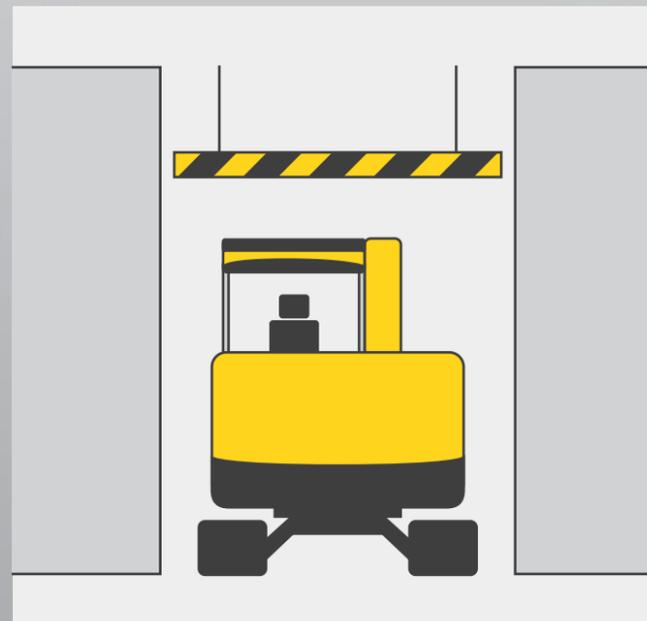
- Operator-friendly jog dial with individually savable settings (standard equipment)
- Two-part front windshield that can be completely slid under the cabin roof (standard equipment)
- LED headlights for better illumination
- Air cushioned comfort seat including heated seat for increased driving comfort
- Powerful air-conditioning system for a pleasant working temperature at all times
- Rear-view camera with 7"-multifunctional display for an ideal visibility to the rear

Up to  
**20%**  
MORE BREAKOUT  
FORCE

Vertical  
digging  
depth: +5%



Total angle of rotation: 200°



# EZ80 zero tail

The EZ80 is the largest zero tail tracked excavator from Wacker Neuson and combines a whole range of benefits: With a digging depth of over four meters and good excavation values, excavation work can be completed quickly. Since the machine has short minimal overhang, it can easily work along walls or other boundaries. In addition, the EZ80 convinces with a very low fuel consumption.

**Tiltable cabin, removable chassis covers** and a diagnostic tool make maintenance easier

**Strong excavation performance** thanks to the higher excavation power

**All-around lighting** due to the headlights in the chassis

**8 large tie-downs** for safe transport



**High level of cabin comfort** clearly arranged display, windows that open on bothsides, two-part front windshield – optionally with automatic air-conditioning and air cushioned driver's seat, including heated seats

**Load sensing hydraulic system** with LUDV\* for precise work  
\* Load-independent flow distribution

**Engine placed in the rear** for even more compact dimensions

**With up to 20% less fuel consumption\*\***, operating costs are significantly reduced.

\*\* When compared to the previous model

**Zero Tail** – only a minimal rear overhang

**4 track versions** for all applications

	<b>EZ80</b>
Shipping weight (kg)	<b>7,588–8,877</b>
Digging depth with dipper stick arm (mm)	<b>3,919</b>
Engine output (kW)	<b>36.2</b>

**All-around compact dimensions:** ideal for working in constricted spaces.



**Low-consumption work and high fuel savings** due to ECO mode



**Your benefits**

Up to **+30%** productivity

Up to **-20%** consumption



**The minimal rear overhang** allows for safe, accurate work e.g. along walls.



**Default settings at the touch of a push button:** by jog dial, e.g. save and access liter quantity or release for attachments.



# ET145

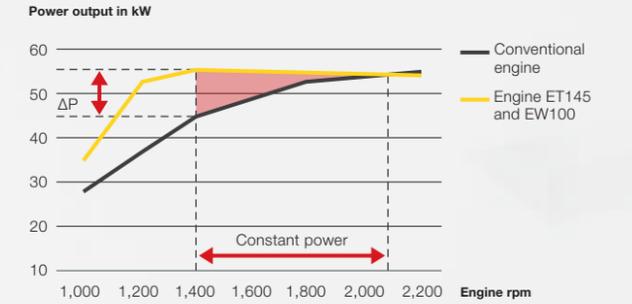
As one of the world's largest compact excavator, the ET145 is extremely powerful and productive and does a great amount in all situations. Thanks to the swivel console, it impresses with its tremendous mobility at the same time.

- Maximum maneuverability even in very constricted excavation areas due to the swivel console
- Low front swivel radius
- Optimally fitted for all surfaces with steel tracks and optional rubber or hybrid tracks
- Standard dozer blade for maximum lifting force and stability
- Up to 5 additional control circuits are possible for connecting different attachments
- 15% reduced fuel consumption with the same digging power\* thanks to the highly efficient 55 kW Commonrail engine, which does not require any SCR additives
- Consistently high digging performance independent of the engine speed
- ECO- and POWER mode available
- For a wide range of applications: trench construction, road and highway construction, rehabilitation and materials handling

\* Compared to the previous model



## Full power of the engine even at low rpm



**Twice as convincing:** size and maneuverability of an 8 t excavator and the power of a 14 t machine.

	ET145
Shipping weight (kg)	14.917-15,701
Digging depth with dipper stick arm (mm)	4,981
Engine output (kW)	55



**Masterful off-road** thanks to the high performance and good machine balance.

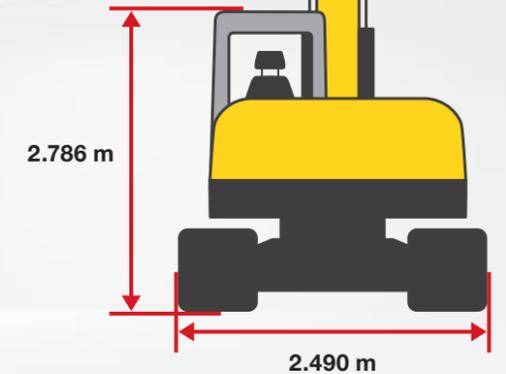


**High digging performance, low consumption** for efficient results.



**Compact dimensions**

Just like an 8 t excavator.



» ET145 with swivel console for higher productivity

The swivel console makes the ET145 into a real one-of-a-kind in its weight class. This allows you an increased excavation area to the right and left. The machine therefore does not need to be moved nearly as much and you save valuable time.

**The swivel console...**

- allows you to work along walls and trenches
- facilitates work at obstacles such as pipes or flowing traffic
- improves the area of visibility, especially during excavation work in trench areas
- has a swiveling angle range of 70° left and 57° right



» Optimized 55 kW engine

The maximum torque and therefore full power already at a low rpm: You can expect this from the 55 kW engine of the ET145. You therefore benefit from a very good excavation performance with a simultaneously low diesel consumption.



» Including high level of operating comfort

The ET145 scores with numerous features installed as standard. For example:

- Overload warning device with excess flow cut-off valves for lifting arm, bucket and dozer blade cylinders
- Auxiliary hydraulics and 3rd proportional-controlled control circuit
- Has its own pressureless return pipe especially for hydraulic attachments
- Electric fuel tanking pump
- Central operation using jog-dial system
- Rear camera with integrated 7"- display as reversing aid
- Two-part front windshield that can be completely slid under the cabin roof if necessary
- Automatic air-conditioning
- CD-Radio set
- Additional work lights at the side of the chassis, as well as at the lifting arm (left and right)
- Dozer blade and dozer blade lever with integrated switch-over for 2nd travel speed increase/reduction



» Selection of three track versions



- 1 **The steel track:** ideal during demolition work and on sharp-edged surfaces
- 2 **The rubber track:** applications on roads and asphalt, paving stones and in green spaces that is gentle on the ground
- 3 **The hybrid track:** in difficult terrain with sensitive surfaces



**Good traction and maneuverability** in all ground conditions with the right track.

# EW65, EW100

The wheeled excavators from Wacker Neuson save up to 20 percent of fuel consumption – and splurge with performance and equipment! With the constant power diesel engine, the digging performance of the EW100 remains consistently high independent of the engine speed. And thanks to the road travel mode, you no longer need a transport vehicle when changing locations. We have highlighted additional details on the excavators – **they always apply to both models.**

**Continuous travel drive system** – jerk-free and efficient from 0 to 30 km/h.



**Articulated boom as a standard** (standard for EW100) for even more efficient and faster work

**Large comfort cabin** with many sophisticated functions

**Tilttable cabin**, large engine hood and removable chassis covers for ideal service access

**Load-sensing hydraulic system** with LUDV\*\* for accurate work  
\*\* Load-independent flow distribution

**With 5 hydraulic control circuits**, 3 of them individually adjustable – for a variety of attachments.

**All-around lighting** from headlights in the chassis

**Efficient travel drive system**, continuously variable from 0 to 30 km/h

**Closed driving hydraulics** for automotive driving

**Dozer blade, counterweights** and optional support stabilizers for high stability

	EW65	EW100
Shipping weight (kg)	6,472–7,720	9,241–10,461
Digging depth* with dipper stick arm (mm)	3,596	3,941
Engine output (kW)	36.3	55/75

\* With articulated boom

Experience the EW100 in action:  
[www.wackerneuson.com/ew100](http://www.wackerneuson.com/ew100)



**Finely-controlled boom movements** at full power.

**Powerful in use, low in fuel consumption**  
due to ECO mode

**Your benefits**

- Closed driving cycle
- Up to +10% break-out force
- Up to -20% consumption

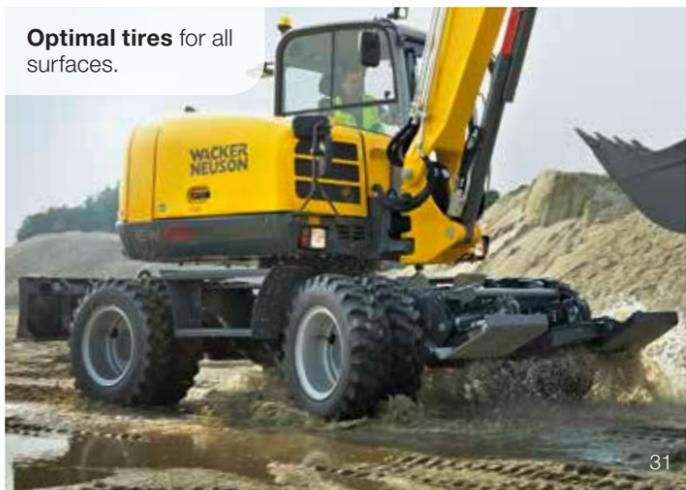
**EW65**

**Low-consumption work and high fuel savings**  
due to ECO mode

**Your benefits**

- Up to +30% tractive force\*\*\*
- Up to -20% consumption

**EW100** \*\*\* At 20 km/h



**Optimal tires** for all surfaces.

» EW65, EW100



» With articulated boom

The articulated boom provides you with more maneuverability and therefore greater freedom of action. Because the additional joint permits the bucket to be pulled right up to the travel gear or dozer blade. Ideal when narrow spaces need to be overcome or an obstacle has to be moved out of the way. The articulated boom is standard with the EW100. The EW65 is optionally available with an articulated boom – unique in this class!

The articulated boom allows for more maneuverability and a larger action radius.



» First-class performance

From powerful to sensitive: The EW65 and EW100 has a large range of excavation methods and can be adjusted to the requirement at hand. The extraordinary result is due to the optimally adjusted load sensing hydraulic system with LUDV\*, which also ensures lower fuel consumption.

\* Load-independent flow distribution



» Increased stability

A stable, good footing is essential – above all during heavy excavation work or on difficult ground conditions. You can use the dozer blade and the stabilizers for support.



» Diagnostic tool WANDA



Accelerated maintenance and troubleshooting using the practical diagnostics tool WANDA.

» Three types of steering for EW100

The EW100 has three steering methods for various requirements at the construction site as well as for road travel. The steering method can be easily changed using a rocker switch.



- 1 All-wheel steering for a particularly small turning circle.
- 2 Front axle steering for fast road travel.
- 3 Crab steering for parallel guidance, e.g. at buildings

» Very good off-road capability



Good traction at all times – for safety, even in uneven terrain.

# The right solution for every area of application.

You are ideally equipped for any field of application with the tracked and wheeled excavators from Wacker Neuson. Thanks to their innovative functions, sophisticated details and various attachments, the excavators can cope with any circumstances. So you can even work efficiently in difficult ground conditions. And due to the finely tiered product range, the machines provide exactly the performance required.

**Efficient trench digging** thanks to swivel console and optional VDS.



**Zero tail tracked excavator:** optimal when working at the curbside



**When there is not much space,** the 803 – the smallest tracked excavator from Wacker Neuson – is ideal.



**Always an upright seat position** – due to the VDS of the continuous tipping option of the revolving superstructure.

**Whether construction site or off-road:** the ET90 acts superior in the tightest of spaces.



**Long reach:** EW100 with standard articulated boom.



**Quick construction site change:** the EW100 reaches up to 30 km/h.



**Whether road and highway construction or materials handling** – the ET145 convinces through a high excavation performance.

# Configuration options

TRACKED AND WHEELED EXCAVATORS

	EO3	EO3 dual power	ET16	EZ17	ET18	ET20	ET24	2503	EZ28	3503	EZ38	EZ53	ET65	EZ80	ET90	ET145	EW65	EW100	
<b>CABIN</b>																			
Canopy with rear window	-	-	●	-	○	○	○	○	○	○	○	○	-	-	-	-	-	-	
Standard cab	-	-	○	-	○	○	○	○	○	○	○	○	●	●	●	●	●	●	
1-door cabin (sliding window)	-	-	-	-	○	○	○	-	-	-	-	-	●	●	●	●	●	●	
Two-door cab	-	-	-	-	○	○	○	-	-	-	-	-	-	-	-	-	-	-	
Rain canopy	-	-	-	-	-	-	-	○	-	○	-	-	●	-	●	-	●	●	
Weather protection	-	-	-	○	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
FOPS protective grating level 1	-	-	○	○	○	○	○	○	○	○	○	○	●	○	●	○	●	○	
FOPS protective grating level 2	-	-	-	-	-	-	-	-	-	-	-	○	○	○	○	○	○	○	
Side cabin mirror on the right	-	-	-	-	-	-	-	-	-	-	-	-	○	-	-	○	●	●	
Side mirror (rear-view mirror)	-	-	○	○	-	-	-	○	○	○	○	○	○	○	○	○	○	○	
Complete radio	-	-	○	-	○	○	○	○	○	○	○	○	○	○	○	○	○	○	
Radio preparation	-	-	●	-	○	○	○	●	●	○	●	●	●	●	●	●	●	●	
Air-conditioning system	-	-	-	-	-	-	-	-	-	-	○	○	-	-	-	-	-	-	
Automatic air conditioning	-	-	-	-	-	-	-	-	-	-	-	-	○	○	○	○	○	○	
Lifting lug	-	-	○	-	●	●	●	-	-	-	-	-	-	-	-	-	-	-	
Air cushioned driver's seat	-	-	-	-	-	-	-	-	-	-	-	-	○	○	○	○	○	○	
Protective screen front window	-	-	-	-	○	○	○	○	○	○	○	○	○	○	○	○	○	○	
Splinter protection	○	○	○	○	○	○	○	○	○	○	○	○	-	-	-	-	-	-	
<b>HYDRAULICS</b>																			
Auxiliary hydraulics connection mounted on dipper stick	○	○	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
Dual-acting auxiliary hydraulics	○	○	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
Advanced overload warning device	-	-	-	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	
Basic overload warning device	-	-	-	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	
Proportional control (for auxiliary hydraulics)	-	-	-	-	○	○	○	○	○	○	○	○	○	○	○	○	○	○	
3rd proportional-controlled control circuit	-	-	-	○	○	○	○	-	○	○	○	○	○	○	○	○	○	○	
BP-Biohyd SE46	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	
Panolin HLP Synt46 (Bio)	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	
Flat-faced couplers	-	-	○	-	○	○	○	○	○	○	○	○	○	○	○	○	○	○	
Flow control cartridges 3. control circuit	-	-	-	○	○	○	○	-	-	-	○	-	○	-	○	○	○	○	
Flow control cartridges for auxiliary hydraulic	-	-	-	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	
Control circuit for power grab	-	-	-	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	
Easy Lock preparation	-	-	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	
Power tilt preparation	-	-	-	○	○	○	○	-	○	○	○	○	○	○	○	○	○	○	
<b>PAINT</b>																			
Special paint 1 RAL	○	○	○	○	○	○	○	○	○	○	○	○	-	-	-	-	-	○	
Custom paintwork 1 no RAL	○	○	○	○	○	○	○	○	○	○	○	○	-	-	-	-	-	○	
Special paint cab/canopy RAL	-	-	○	○	○	○	○	○	○	○	○	○	-	-	-	-	-	○	
<b>SECURITY</b>																			
Security 24 C (2,000 h)	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○
Security 36 C (3,000 h)	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○
Security 48 C (4,000 h)	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○

● Standard ○ Option - not suitable

TRACKED AND WHEELED EXCAVATORS

	EO3	EO3 dual power	ET16	EZ17	ET18	ET20	ET24	2503	EZ28	3503	EZ38	EZ53	ET65	EZ80	ET90	ET145	EW65	EW100
<b>MISCELLANEOUS</b>																		
30 km/h	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	○
All-wheel steering	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	○
Mudguards	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	○
Rear-view camera	-	-	-	-	-	-	-	-	-	-	-	-	○	○	○	○	○	○
Particulate filter	-	-	-	-	-	-	-	-	-	-	-	-	○	○	○	○	○	○
Fluid Film	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○
Telematics Europe 12-72 months	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○
Cruise control	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	○
VDS	-	-	-	-	-	○	○	○	○	○	○	○	○	○	○	○	○	○
Standard rotating beacon	-	-	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○
Front and rear work lights	-	-	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○
LED headlights	-	-	-	-	-	-	-	-	-	-	-	-	○	○	○	○	○	○
Counterweight	-	-	-	○	-	-	-	-	-	○	○	○	○	○	○	○	○	○
Diesel filling pump	-	-	-	-	-	-	-	-	-	-	○	○	○	○	○	○	○	○
Automatic RPM speed control	-	-	-	-	○	○	○	○	○	○	○	○	○	○	○	○	○	○
Drive signal	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○
Long shovel arm	-	-	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○
Long dozer blade	-	-	-	-	○	○	-	-	-	-	-	-	-	-	-	-	-	-
Front or rear dozer blade	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	○	○
Front or rear stabilizer support	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	○	○
Articulated boom	-	-	-	-	-	-	-	-	-	-	-	-	○	-	○	-	○	○
Telescopic travel gear	●	●	○	●	●	●	-	-	-	-	-	-	-	-	-	-	-	-
Bucket cylinder hose breakage protection	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	○
Road traffic regulation accessories	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	○
Steering logic switch-over	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	○
Immobilizer system Digi Code or KAT	-	-	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○
Tool box	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	○
Engine oil service valve	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○
German DOT approval for roads (D)	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	○
Rubber track	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	○	-	-
Hybrid track	-	-	-	-	-	-	-	-	-	-	-	-	○	○	○	○	-	-
Steel track*	-	-	-	○	-	-	-	-	-	○	○	○	○	○	○	○	-	-
Dual tires	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	○	●
Wide balloon tires	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	○	-
Balloon tires	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	○	○
<b>ASSEMBLED ATTACHMENTS</b>																		
Easy Lock	-	-	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○
Easy Lock + Powertilt	-	-	-	○	○	○	○	-	○	○	○	○	○	○	○	○	○	○
Easy Lock + Powertilt + Load hook	-	-	-	○	○	○	○	-	○	○	○	○	○	○	○	○	○	○
Lehnhoff mechan. quick coupler system	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○
OilQuick + load hook	-	-	-	-	-	-	-	-	-	-	-	-	-	-	○	-	-	-
OilQuick + Powertilt + load hook	-	-	-	-	-	-	-	-	-	-	-	-	-	-	○	-	-	-
<b>PACKAGES</b>																		
Easy Lock	-	-	-	○	○	○	○	-	-	-	-	-	-	-	-	-	-	-

\* Different widths are possible depending on the model

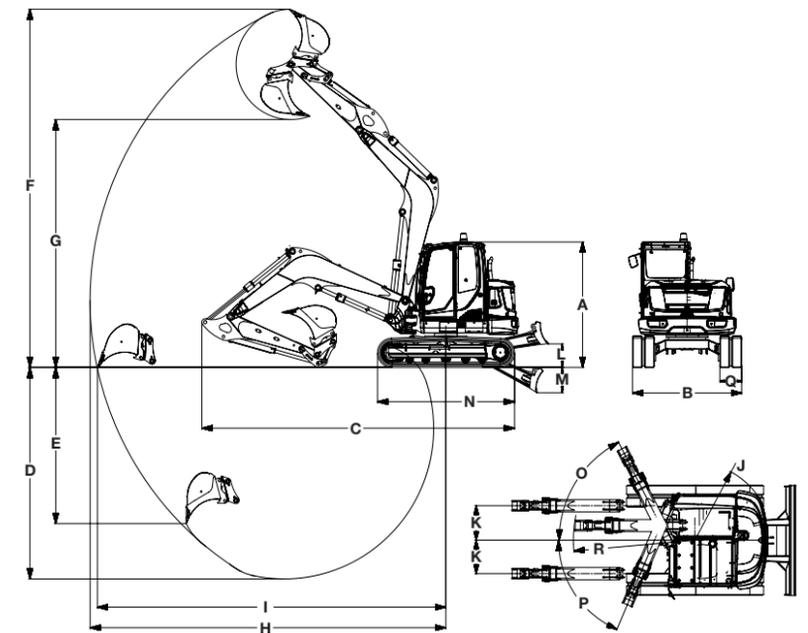
# Dimensions

TRACKED AND WHEELED EXCAVATORS

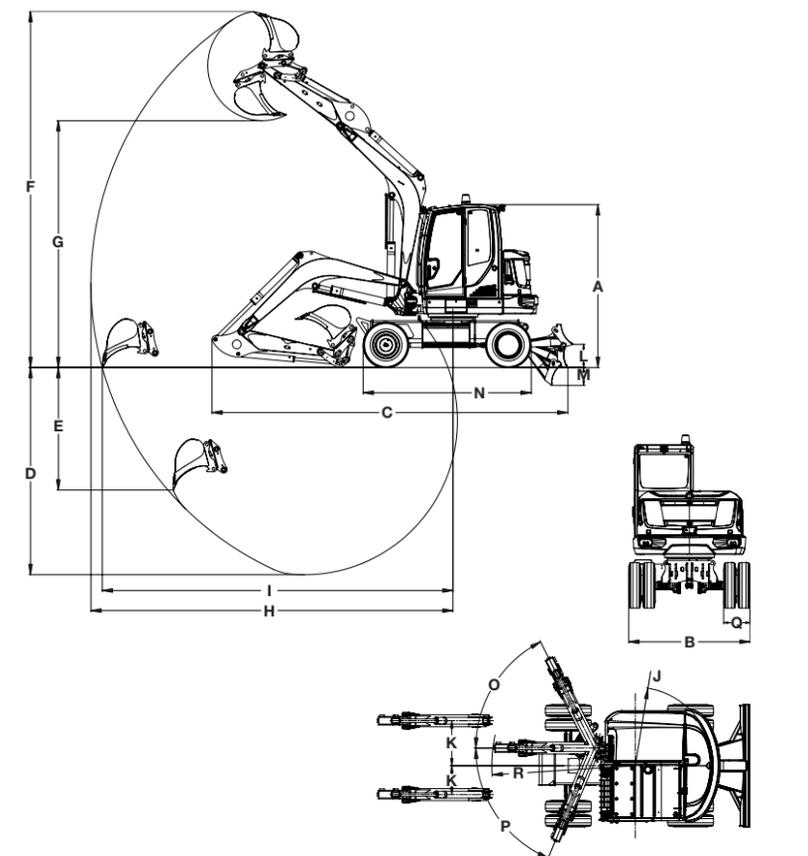
		EOE	EOE dual power	ET16	ET17	ET18	ET20	ET24	ES03	EN28	ES05	ES23	ES23	ET55	EZ80	ET90	ET145	EW65	EW100	
DIMENSIONS		UNIT																		
A	Height	mm	2,261	2,261	2,285	2,362	2,289	2,295	2,392	2,370	2,408	2,393	2,500	2,572	2,478	2,562	2,562	2,786 2,825 <sup>(4)</sup>	2,775	2,989
B	Width of travel gear, retracted (track/tires)	mm	700 860 <sup>(7)</sup>	700 860 <sup>(7)</sup>	990 1,300 <sup>(7)</sup>	990 1,300 <sup>(7)</sup>	990 1,300 <sup>(7)</sup>	990 1,300 <sup>(7)</sup>	1,400	1,370	1,570	1,620	1,740	1,990	1,950	2,250	2,250	2,490	1,832 2,088 <sup>(1)</sup>	2,454
C	Transport length (dipper stick arm)	mm	2,828	2,828	3,644	3,584	3,854	4,049	4,022	4,410	4,255	5,201	4,799	5,498	6,137 6,065 <sup>(3)</sup>	6,939	7,117 6,468 <sup>(3)</sup>	7,720 7,698 <sup>(4)</sup>	6,114 6,220 <sup>(3)</sup>	7,257 6,656 <sup>(3)</sup>
C	Transport length (long shovel arm)	mm	-	-	3,607	3,551	n/a	n/a	n/a	n/a	4,272	n/a	4,823	5,477	6,128 6,194 <sup>(3)</sup>	6,944	7,139 6,690 <sup>(3)</sup>	7,788 7,069 <sup>(4)</sup>	6,250 6,349 <sup>(3)</sup>	7,315 6,886 <sup>(3)</sup>
D	Max. digging depth (dipper stick arm)	mm	1,763	1,763	2,242	2,326	2,197	2,483	2,402	2,620	2,544	3,236	3,107	3,501	3,826 3,893 <sup>(3)</sup>	3,919	4,325 4,379 <sup>(3)</sup>	4,981 4,942 <sup>(4)</sup>	3,531 3,596 <sup>(3)</sup>	3,998 3,941 <sup>(3)</sup>
D	Max. digging depth (long shovel arm)	mm	-	-	2,413	2,486	2,397	2,683	2,602	2,824	2,744	3,536	3,357	3,751	4,126 4,193 <sup>(3)</sup>	4,169	4,625 4,679 <sup>(3)</sup>	5,481 5,442 <sup>(4)</sup>	3,831 3,895 <sup>(3)</sup>	4,298 4,244 <sup>(3)</sup>
E	Max. insertion depth (dipper stick arm)	mm	1,320	1,320	1,642	1,713	1,410	1,660	1,562	1,810	1,962	2,088	2,385	2,667	2,383 2,764 <sup>(3)</sup>	1,915	3,192 3,198 <sup>(3)</sup>	3,089 3,055 <sup>(4)</sup>	2,088 2,465 <sup>(3)</sup>	3,356 3,450 <sup>(3)</sup>
E	Max. insertion depth (long shovel arm)	mm	-	-	1,802	1,863	1,595	1,845	1,746	2,002	2,152	2,355	2,625	2,906	2,656 3,036 <sup>(3)</sup>	2,124	3,474 3,456 <sup>(3)</sup>	3,550 3,511 <sup>(4)</sup>	2,361 2,737 <sup>(3)</sup>	3,648 3,740 <sup>(3)</sup>
F	Max. insertion height (dipper stick arm)	mm	2,863	2,863	3,387	3,462	3,553 <sup>(6)</sup>	3,929 <sup>(6)</sup>	4,028 <sup>(6)</sup>	4,125	4,300 <sup>(6)</sup>	5,020 <sup>(6)</sup>	4,597 <sup>(6)</sup>	5,405 <sup>(6)</sup>	5,773 6,537 <sup>(3)</sup>	6,620	7,322 7,931 <sup>(3)</sup>	8,228 <sup>(6)</sup> 8,267 <sup>(4)</sup>	6,068 6,834 <sup>(3)</sup>	7,294 8,087 <sup>(3)</sup>
F	Max. insertion height (long shovel arm)	mm	-	-	3,508	3,576	3,663 <sup>(6)</sup>	4,052 <sup>(6)</sup>	4,151 <sup>(6)</sup>	4,250	4,430 <sup>(6)</sup>	5,214 <sup>(6)</sup>	4,727 <sup>(6)</sup>	5,564 <sup>(6)</sup>	5,955 6,770 <sup>(3)</sup>	6,782	7,529 8,196 <sup>(3)</sup>	8,552 <sup>(6)</sup> 8,591 <sup>(4)</sup>	6,250 7,067 <sup>(3)</sup>	7,483 8,355 <sup>(3)</sup>
G	Max. dumping height (dipper stick arm)	mm	2,012	2,012	2,371	2,436	2,510	2,713	2,748	2,925	2,840	3,620	3,317	3,678	3,912 4,664 <sup>(3)</sup>	4,587	5,066 5,674 <sup>(3)</sup>	5,620 5,659 <sup>(4)</sup>	4,207 4,961 <sup>(3)</sup>	5,156 5,933 <sup>(3)</sup>
G	Max. dumping height (long shovel arm)	mm	-	-	2,493	2,550	2,621	2,836	2,870	3,080	2,970	3,817	3,446	3,837	4,094 4,898 <sup>(3)</sup>	4,749	5,272 5,940 <sup>(3)</sup>	5,945 5,983 <sup>(4)</sup>	4,389 5,195 <sup>(3)</sup>	5,346 6,201 <sup>(3)</sup>
H	Max. digging radius (dipper stick arm)	mm	3,090	3,090	3,700	3,899	3,802	4,129	4,146	4,515	4,613	5,298	5,300	5,987	6,220 6,590 <sup>(3)</sup>	6,955	7,331 7,596 <sup>(3)</sup>	8,261 8,262 <sup>(4)</sup>	6,220 6,590 <sup>(3)</sup>	7,541 7,812 <sup>(3)</sup>
H	Max. digging radius (long shovel arm)	mm	-	-	3,861	4,050	3,989	4,317	4,334	4,693	4,805	5,582	5,535	6,225	6,504 6,877 <sup>(3)</sup>	7,190	7,620 7,889 <sup>(3)</sup>	8,727	6,504 6,877 <sup>(3)</sup>	7,822 8,107 <sup>(3)</sup>
I	Max. ground reach (dipper stick arm)	mm	3,028	3,028	3,648	3,848	3,700	4,031	4,020	4,410	4,481	5,194	5,192	5,860	6,097 6,475 <sup>(3)</sup>	6,795	7,179 7,463 <sup>(3)</sup>	8,044 8,032 <sup>(4)</sup>	6,024 6,406 <sup>(3)</sup>	7,320 7,602 <sup>(3)</sup>
I	Max. ground reach (long shovel arm)	mm	-	-	3,811	4,002	3,894	4,225	4,216	4,602	4,681	5,485	5,431	6,104	6,387 6,772 <sup>(3)</sup>	7,036	7,474 7,751 <sup>(3)</sup>	8,527 8,727 <sup>(4)</sup>	6,318 6,706 <sup>(3)</sup>	7,611 7,903 <sup>(3)</sup>
J	Min. rear swivel radius	mm	747	747	1,075	660	1,169	1,169	1,169	1,240	759	1,388	870	995	1,363	1,228	1,583	2,017 2,018 <sup>(4)</sup>	1,459	1,575
K	Arm displacement to center (right /left)	mm	245/283	245/283	432/287	533/418	516/359	516/359	516/359	653/393	765/534	686/416	740/589	958/853	766/492	705/683	705/683	846/638	766/492	1,023/840
L	Max. Lift height above subgrade (short/long)	mm	197	197	211	271	268/357	264/353	348	390	388	410	377	415	403	474	479	493/532 <sup>(4)</sup>	395	504
M	Max. scraping depth below subgrade (short /long)	mm	174	178	264	390	251/308	255/312	316	415	411	529	460	453	427	523	518	531/493 <sup>(4)</sup>	301	132
N	Total traveling gear length	mm	1,220	1,220	1,462	1,607	1,462	1,708	1,838	1,840	2,006	2,073	2,056	2,524	2,516	2,826	2,826	3,604 3,662 <sup>(4)</sup>	2,887	3,193
O	Max. turning angle of arm system to the right	°	56	56	49	57	48	48	48	45	50	54.7	55	61	63	63	63	57	63	63
P	Max. turn angle of arm system to the left	°	55	55	73	65	77	77	77	80	75	80	70	65	67	67	67	70	67	67
Q	Track/tire width	mm	180	180	230	230	230	250	250	250	300	300	300	400	400	450	450	500	300 457 <sup>(1)</sup>	514 <sup>(1)</sup> 530 <sup>(2)</sup>
R	Boom slewing radius, center	mm	1,085	1,085	1,195	1,627	1,584	1,666	1,666	1,360	1,641	1,470	2,377	2,692	2,453 3,159 <sup>(3)</sup>	2,869	2,503 2,840 <sup>(3)</sup>	2,321	2,465 2,605 <sup>(3)</sup>	2,953 3,191 <sup>(3)</sup>

<sup>(1)</sup> Dual tires <sup>(2)</sup> Balloon tires <sup>(3)</sup> With articulated boom <sup>(4)</sup> With hybrid track <sup>(5)</sup> With steel track <sup>(6)</sup> With VDS <sup>(7)</sup> With telescopic travel gear

## Tracked excavators



## Wheeled excavators





# Technical data

803 803 dual power ET16 EZ17 ET18 ET20 ET24 2503 EZ28 3503 EZ38 EZ53 ET65 EZ80 ET90 ET145 EW65 EW100

GENERAL		UNIT																			
Shipping weight*	kg	932-992	955-1,015	1,402-1,602	1,596-1,822	1,582-2,060	1,862-2,182	2,057-2,401	2,483-2,794	2,575-3,222	3,425-4,105	3,582-4,315	4,961-6,158	5,806-6,682	7,588-8,877	8,348-9,625	14,917-15,701	6,472-7,720	9,241-10,461		
Operating weight	kg	1,029-1,089	1,052-1,112	1,529-1,720	1,724-1,950	1,725-2,203	2,005-2,324	2,200-2,544	2,639-2,950	2,735-3,382	3,602-4,286	3,753-4,474	5,234-6,431	6,078-6,954	7,918-9,208	8,710-9,988	15,551-16,335	6,755-8,003	9,685-11,036		
Max. ripping force**	kN according to ISO 6015	4.5	4.5	7.1	9.1	11.2	12.5	15	13	15.3	20.6	17.8	28	30.8	43.7	46	69	30.8	47		
Max. break out force	kN according to ISO 6015	8.9	8.9	15.3	18.7	18.8	18.8	21.8	20	22.5	30.3	32	38.1	50.7	68	73.8	91	50.7	54.1		
ENGINE		UNIT																			
Manufacturer	-	Yanmar		Yanmar	Yanmar	Yanmar	Yanmar	Yanmar	Yanmar	Yanmar	Yanmar	Yanmar	Perkins	Perkins	Perkins	Deutz	Perkins	Perkins	Perkins		
Model	-	3TNV70		3TNV76	3TNV76	3TNV76	3TNV76	3TNV76	3TNV88	3TNV76	4TNV88	3TNV88	404D-22T	404D-22T	404D-22T	TCD 2.9 DOC only	854E-E34TAWF	404D-22T	854E-E34TAWF		
Design	-	Water-cooled 3-cylinder diesel engine	Drive either with installed diesel engine (compare 803) or electric motor in HPU8 power unit	Water-cooled, 3-cylinder diesel engine					Water-cooled, 3-cylinder diesel engine		Water-cooled 4-cylinder diesel engine	Water-cooled 3-cylinder diesel engine	Water-cooled, 4-cylinder turbo diesel engine								
Displacement	cm <sup>3</sup>	854		1,116	1,116	1,116	1,116	1,116	1,642	1,115	2,190	1,642	2,216	2,216	2,216	2,925	3,400	2,216	3,387		
Engine output	according to ISO kW/hp	9.6/13		13.2/17.9	13.4/18.2	13.4/18.2	13.4/18.2	13.4/18.2	19.4/26.4	15.2/20.7	23.7/32.2	21.4/29.1	35.9/48.8	36.3/49.4	36.2/49.2	55/75	55.1/74.9	36.3/49.4	55/75		
Fuel tank volume	l	7		24	22	24	24	24	41	36	52	44	83	85	85	85	205	85	170		
HYDRAULICS		UNIT																			
Hydraulic system/pumps	-	Summation regulation/ 2 gear pumps		LUDV with gear pump	Load Sensing Hydraulic System/1 variable displacement pump	Summation regulation/2 variable displacement pumps, 2 gear pumps			Dual variable displacement pump, gear pump	Dual variable displacement pump, double gear pump	Dual variable displacement pump, gear pump and pilot-controlled pump	Dual variable displacement pump, double hydraulic gear pump		LUDV with variable displacement pump			Negative control with dual variable displacement pump and 2 gear pumps	Load-independent flow distribution with variable displacement pump, separate hydraulic pump			
Max. flow rate	l/min	10.7+10.7	10.7+10.7	33.3	39.6	23.8+23.8+19.4+6.4	23.8+23.8+19.4+6.4	26.1+26.1+19.4+6.4	28.8+28.8+19.2	30.8+30.8+21.4+7.2	43.5+43.5+24.1+8.9	2x40+26.3+11.3	106.4+39.9+8.6	144	160	175	2x118+20+36	158.4+99	180		
Operating pressure for work and drive hydraulics	bar	170	170	200	240	200	200	240	240	225	240	240	230	240	300	300	340	240/420	290/440		
Operating pressure for slewing gear	bar	70	70	130	150	125	150	150	200	206	210	210	190	215	240	240	320	215	-		
Auxiliary hydraulics, max. discharge volume	l/min	22	22	34	36.1	41.5	41.5	43	44	52.2	66.9	65.5	92	107	113	113	121	107	117		
TRANSPORT GEAR		UNIT																			
Ground clearance	mm	132	132	180	160	210	170	295	270	280	260	280	322	284	357	370	480	237	340		
Max. travel speed	km/h	1.8	1.8	4.1	4.8	5.3	4.1	4	4.4	3.8	5.5	4.3	4.7	5.2	4.4	5	5	Up to 30	Up to 30		
Ground pressure	kg/cm <sup>2</sup>	0.25	0.25	0.26	0.28	0.30	0.28	0.29	0.33	0.27	0.33	0.34	0.30	0.35	0.36	0.40	0.50	-	-		
NOISE EMISSIONS		UNIT																			
Sound power level (L <sub>wa</sub> )	dBA according to 2000/14/EC	93	93	92	93	93	93	93	94	93	95	95	94	97	97	99	99	97	96		
Sound pressure level (L <sub>pa</sub> )	dBA according to ISO 6394	77	77	79	79	75.8	75.8	75.8	75	79	76	77	78	77	79	79	75	77	76		

\* Basic machine + 10% fuel tank content \*\* dipper stick arm

HPU8	MODEL	LENGTH	WIDTH	HEIGHT	WEIGHT	ENGINE	PERFORMANCE	VOLTAGE	INPUT CURRENT	GEAR PUMP DISCHARGE VOLUME	OPERATING PRESSURE	HYDRAULIC OIL TANK CAPACITY	HYDRAULIC HOSE LENGTH
	HPU8	930 mm	720 mm	1,000 mm	192 kg including hydraulic oil	3-phase electric motor	7.5 kW	400 V	16 A	20 l/min	210 bar	9.6 l	12 m

All information relates to the base machine. Changes reserved.

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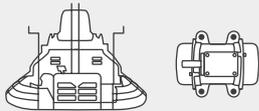
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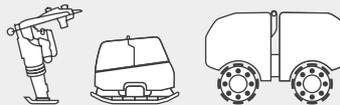


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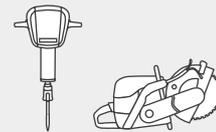
Products



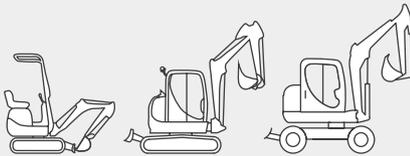
Concrete technology



Compression



Demolition technology



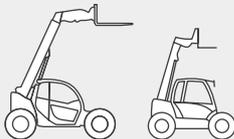
Excavators



Wheel loaders



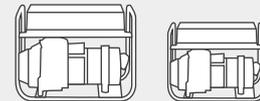
Skid steer loaders



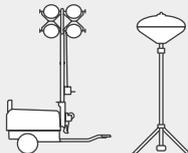
Telehandlers



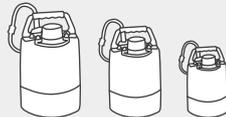
Dumpers



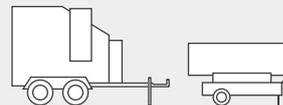
Generators



Lighting



Pumps



Heaters



Used equipment

Services rendered



Financing



Repair & maintenance



Academy



Rental



Telematics



The concrete specialists

Spare parts



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