

Compact and wheeled excavators 6 to 15 tons



**WACKER
NEUSON**
all it takes!



Top performers on any construction site:
the compact and wheeled excavators from Wacker Neuson.

1. Economic efficiency that convinces.

Every construction site is different. That's why at Wacker Neuson you can choose the perfect machine for you from a finely tiered product range of compact and wheeled excavators – whether 6 tons or 15 tons, whether tracked or with wheels, whether with or without tail overhang. In any case, you get a machine that is sturdy, powerful and easy to operate – and it is even more economical due to its versatility.

2. Quality that commits.

Our bundled excavator expertise is based in HÖrsching near Linz. This is where our machines are developed, produced and sold to places all around the world. We ensure the highest quality standards in all process steps. After all, each of our excavators bears a special quality seal: "Made in Austria" reliability.

3. Customer proximity that leaves nothing to be desired.

Your requirements are our incentive. We not only offer you a large selection of excavators, but also a variety of attachments that you can use to expand your range of applications and that allow us to meet your needs even more individually. In addition, there are comprehensive services rendered for your machines: from individual financing solutions to professional maintenance. 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.

Excavator expertise down to the last detail.



Efficiency

- **LUDV (load-independent flow distribution):** comfortable fatigue-free control independent of the load to be moved
- **Thermal stability:** constant work performance at ambient temperatures of up to 45 degrees Celsius
- **Wide range of options available ex work:** individual equipment as desired



Versatility

- **Control circuits (AUX I-V):** up to 5 additional control circuits ex work
- **High machine utilization** due to numerous attachments ex work
- **Customer colors:** if desired, we also paint in special colors
- **Innovative front windshield system** for optimal ventilation in any weather



Maintenance

- **Optimal service accesses** thanks to the tiltable cabins
- **Long service life** thanks to the high-quality components and processes
- **Shortened maintenance:** diagnostic tool WANDA makes troubleshooting easier



Safety

- **Intuitive operation** via joystick, display, Jog Dial and keypad
- **Large comfort cabin** with custom setting possibilities
- **Very good view** of the entire work area
- **EquipCare** for optimum transparency in fleet management

All compact and wheeled excavators from 6 to 15 tons from this brochure in an overview.

		
ET65	EZ80	ET90
Shipping weight: 5,806–6,682 kg	7,588–8,877 kg	8,348–9,625 kg
> Page 04		
		
ET145	EW65	EW100
Shipping weight: 14,917–15,701 kg	6,472–7,720 kg	9,241–10,461 kg
> Page 16	> Page 22	> Page 28

Other excavators of the < 6 ton mini-excavator weight class.

(More information in the brochure "Mini-excavator" or at www.wackerneuson.com).

					
EZ17e	803	ET16	EZ17	ET18	ET20
1,681 kg	932–992 kg	1,402–1,602 kg	1,596–1,822 kg	1,582–2,060 kg	1,862–2,182 kg
					
ET24	EZ26	ET35	EZ36	ET42	EZ50
2,057–2,401 kg	2,596–3,222 kg	3,418–4,335 kg	3,507–4,452 kg	3,900–4,300 kg	4,600–5,000 kg



The ET65 with articulated boom and 3-point kinematics is the flexible performance machine for quick cycle times

The EZ80 combines compact dimensions with excellent digging power – for best performance in a small space

The ET90 impresses with excellent engine and hydraulic performance - concentrated power that remains perfectly under control thanks to the load-sensing system

Power and efficiency times three:
the tracked excavators ET65, EZ80 and ET90.

	ET65	EZ80	ET90
Shipping weight (kg)	5,806–6,682	7,588–8,877	8,348–9,625
Digging depth with short and long dipper stick (mm)	3,893*–4,193*	3,919–4,169	4,379*–4,679*
Engine output (kW)	42	42	55.4

* with articulated boom



Diesel particulate filter
to meet country-specific
statutory emission regulations

Efficient drive
for high performance

Low tank filler point for easier
refueling without climbing

**Compact and
maneuverable** due to
intelligent arrangement of
the components and low
height of machine

High stability due to a
low center of gravity and
optional additional rear
counterweight

**Optimal maintenance
access** for quick favorably
priced service

**Large and sturdy aluminum
radiator** easy to clean and with the
best cooling performance in its class

Spacious comfort cabin that can
be adjusted to any operator size

100% power up to 45°C
ambient temperature

8 large tie-downs for
safe transport

Depending on the model, **different
track versions** to choose from

**Two operating modes to choose
from:** full power (POWER) or save
fuel (ECO)

Up to 7 headlights
for the optimal illumination of the
work area (optionally also LEDs)

Short hydraulic hoses
for less power loss and
a long service life

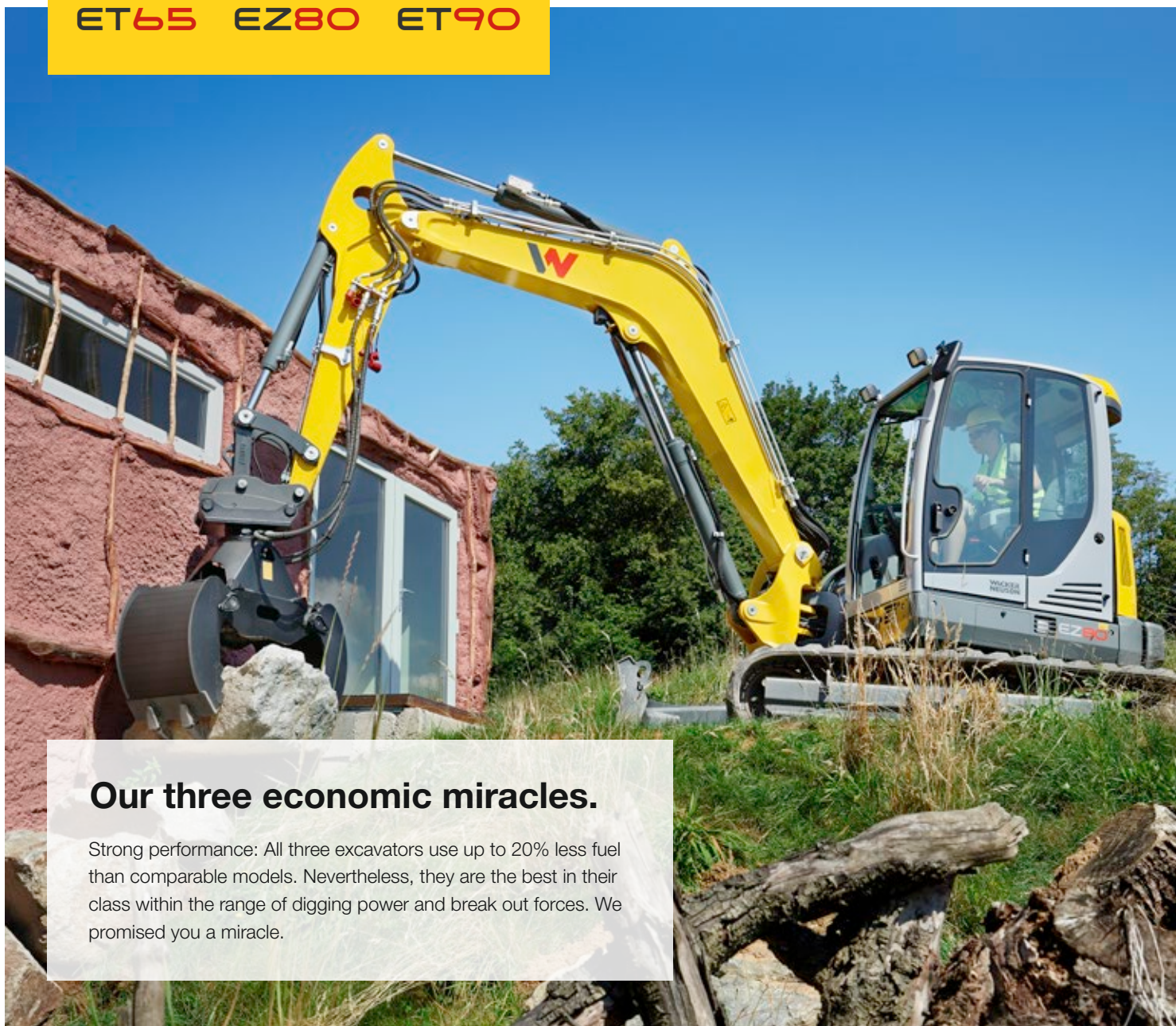
Versatile in use due
to up to 5 additional
control circuits ex work

**Precise control with any
load** thanks to load-sensing
hydraulic system with LUDV

3-point kinematics
increases the insertion
depth and digging power

Articulated boom for larger
digging radius and less repositioning
(optional with ET65 and ET90)





Our three economic miracles.

Strong performance: All three excavators use up to 20% less fuel than comparable models. Nevertheless, they are the best in their class within the range of digging power and break out forces. We promised you a miracle.

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 digging power.

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

Up to
20%
more
break out force

Vertical
insertion
depth:
+ 5%



Total angle of rotation: 200°

More leeway thanks to the 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 the 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 optionally available with the ET65 and ET90 - unique in these classes!



Available with
a short and long
dipper stick!

■ Monobloc boom
■ Articulated boom

High fuel savings
due to the efficient hydraulics with LUDV
(load-independent flow distribution).

Your benefits:

Up to
30% more
productivity



Up to
20% less
consumption

Articulated boom, optional for ET65 and ET90,
improves range, digging depth and dumping height.





Ventilate flexibly and communicate easily –
thanks to the innovative windshield system without removing the panes.



More cabin comfort.

Maximum operating comfort is standard with the ET65, EZ80 and ET90. In addition, we offer you numerous options to adjust your excavator to your individual requirements.

Two-part front windows that can be completely slid under the cabin roof (standard equipment)

LED headlights for even better illumination

Front sun blind standard

Optimal visibility due to the offset arm position

Fully lined cabin interior with a variety of storage compartments

Powerful air-conditioning system for a pleasant working temperature at all times

Large skylight for the best view even upwards

Rear-view camera with 7" multifunctional display for an ideal view to the rear

Lateral sliding window

Comfortable and intuitive joystick operation concept: with all important functions on both joysticks

User-friendly Jog Dial with individually savable settings (standard equipment)



Very low noise levels in the closed cabin

Air-cushioned comfort seat including seat heating for increased operator comfort and height adjustment



Attachment carrier with many application areas thanks to up to 5 additional control circuits.



Individuality through variety.

Put together your perfect working unit from a variety of options available ex work, e.g:

- Up to 5 additional control circuits, of which 3 are individually adjustable
- Diesel particulate filter
- Air-cushioned seat with seat heating
- 7 LED lights
- 4 track versions
- Custom-made paint finish in automotive quality
- Rear-view camera
- Automatic air-conditioning
- Counterweight
- Panolin hydraulic oil
- And much more

Hydraulically activated quick-hitch system Easy Lock.

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

Classic tool holding fixture, e.g. for digging, done in a few seconds.



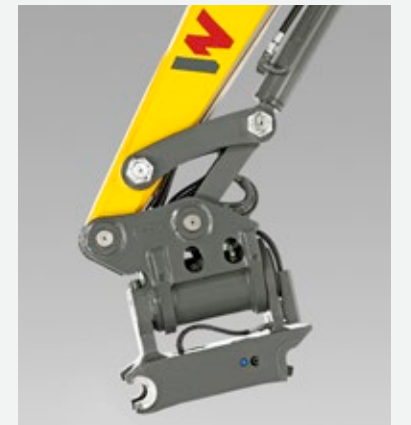
Reverse tool holding fixture, e.g. for moving or smoothing soil.



Powertilt: for the right setting.

The Powertilt swivel unit is available as an option and can be combined with both Easy Lock and the mechanical Lehnhoff quickhitch system. This allows the attachment to be rotated by up to 180° - ideal for leveling, mulching or demolition work.

Powertilt with hydraulic Easy Lock quick hitch system.



Attachments for all applications.

Thanks to the optional additional control circuits, you can equip our excavators with a variety of attachments. Our product range includes all types of buckets, hydraulic hammers, adapter plates and much more. In this way, you can increase your application areas in no time and thus increase the utilization of your excavator.



Hydraulic hammers
(kit available for every excavator)



Backhoe
(with and without teeth)



Ditch or trench
cleaning bucket



Swivel bucket



The EZ80 without tail overhang makes safe and precise working possible directly against walls.



Safe entry and exit thanks to the low entry height.

Reduced dimensions.

Whether during transportation or in tight spaces: thanks to their compact design, the ET65, EZ80 and the ET90 can easily be taken to your next job site. And on the construction site, the machines can maneuver anywhere — even in confined spaces. You can benefit from high efficiency in all applications.

- Very low entry height
- Reduced dimensions due to the intelligent component arrangement
- Higher level of stability due to the low center of gravity

Simple maintenance. Simple repair.

The high productivity of our machines is not just due to the sturdy technology. Most service work can be completed in a short time due to quick and easily accessible maintenance points. Professional maintenance and repairs done by our technicians and original spare parts from Wacker Neuson also extend the service life of your machines.



Low emissions, high level of sustainability.

In terms of environmental friendliness, sustainability and low emissions, you are perfectly positioned with our compact excavators — even in the future. All machines meet the European emissions directives for the reduction of exhaust fume pollutants without you having to make compromises when it comes to performance, service life or economic efficiency. In order to achieve this, we only install the latest engine technologies that are equipped with various exhaust fume aftertreatment systems.

Productive like a 14-ton excavator and small and maneuverable like a compact excavator

Constant power engine for full power at any working speed and low consumption

Up to 5 additional control circuits, of which 3 are individually adjustable, for multifunctional attachments and extensive application areas



One of the largest compacts:
the tracked excavator ET145.

	ET145
Shipping weight (kg)	14,917 – 15,701
Digging depth with short and long dipper stick (mm)	5,000 – 5,500
Engine output (kW)	42



Lower emissions with the same performance due to the diesel particulate filter (no SCR necessary)

2 pre-set operating modes: POWER or fuel-saving ECO mode

Large comfort cab with air-conditioning system standard

Intuitive operation of all excavator functions through the Jog Dial and display

6 headlights for optimal lighting of the work area

Comprehensive application areas due to up to 5 additional control circuits

Quiet engine for less noise pollution and easier communication

100% performance at up to 45 degree Celsius ambient temperature

Sturdy aluminum radiator improves the cooling performance and is easy to clean

3 tracked versions for any application

8 large tie-downs for simple, quick and safe loading

Standard dozer blade for maximum lifting power and stability

Swivel console offers more flexibility in digging work and saves time



The best of both worlds.

As one of the world's largest compact excavators, the ET145 combines the productivity of a large model with the advantages of a compact excavator, e.g.:

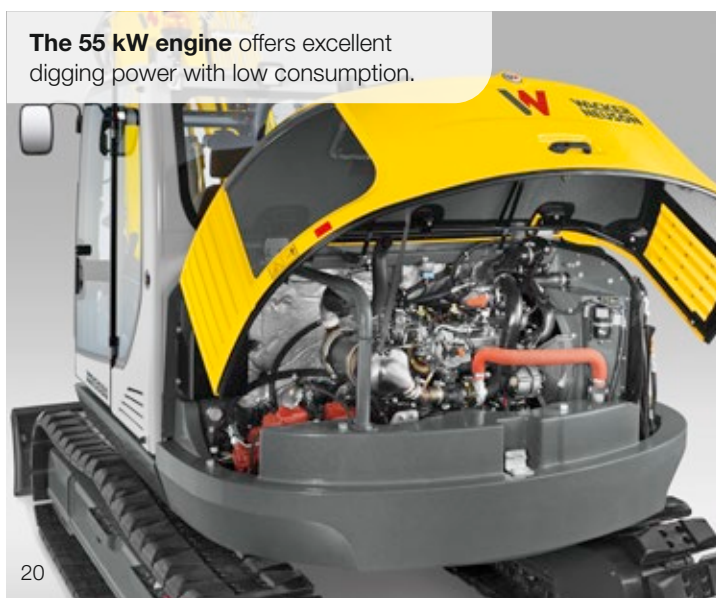
- High level of maneuverability
- Simple transport
- Different track versions
- High digging power, as with much larger excavators

ET145 with swivel console for higher productivity.

The swivel console makes the ET145 into a real highlight in its weight class. This allows you an increased digging area to the right and left. And because the machine needs to be moved much less, you save valuable time.

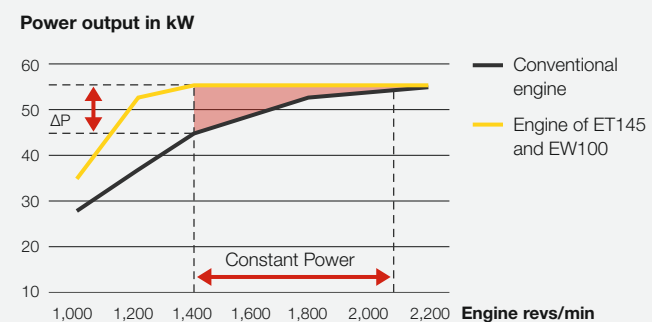
The swivel console ...

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

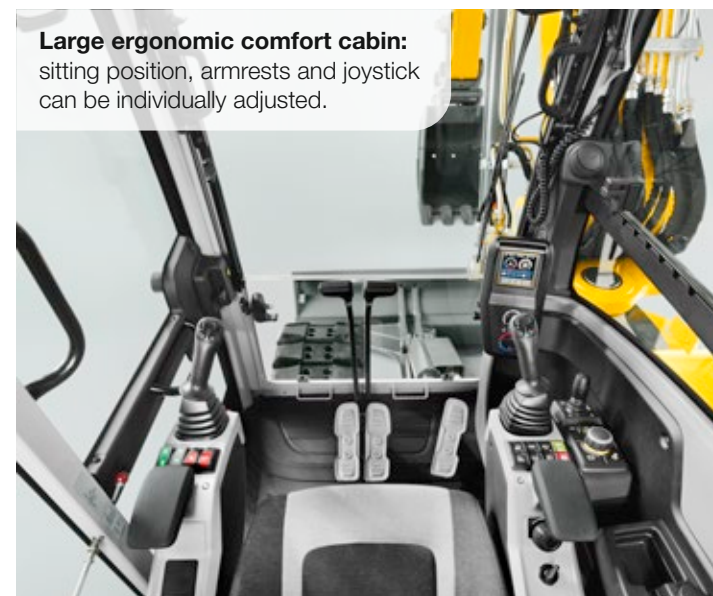


The 55 kW engine offers excellent digging power with low consumption.

Full power of the engine even at low speed.



Large ergonomic comfort cabin: sitting position, armrests and joystick can be individually adjusted.



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



Articulated boom and 3-point kinematics for larger digging radius, less repositioning and faster work cycles

Variable from 0 to 30 km/h without gear selection thanks to the closed driving circuit – easy operation with just one drive pedal

Precise control in the low and high load range thanks to load-sensing hydraulics with LUDV (load-independent flow distribution)

Power and speed, perfectly combined:
the wheeled excavator EW65.

	EW65
Shipping weight (kg)	6,472 – 7,720
Digging depth with short and long dipper stick (mm)	3,596* – 3,895*
Engine output (kW)	42

* with articulated boom



More power and range thanks to the 3-point kinematics.

The bucket pivot point and thus the torque increases due to an additional bolt in the joint (articulated) rod linkage. The advantage in numbers:

- Up to 20% higher break out force
- 5% greater insertion depth
- 10% greater dumping height

Increased stability.

A stable, good footing is essential - above all during heavy digging work or on difficult ground conditions. For support, you can use a dozer blade or support stabilizers – both in front or in the rear or in any combination.

More leeway thanks to the articulated boom.

Optionally available with the EW65, the articulated boom provides you with more maneuverability and therefore greater freedom of action. So not only can you excavate deeper, but the additional joint also makes it possible to pull the bucket all the way to the travel gear or the dozer blade. Ideal when narrow spaces need to be overcome or an obstacle has to be moved out of the way.



Both powerful and sensitive: thanks to the load-sensing hydraulics with LUDV (load-independent flow distribution), the power can be adjusted to the situation.



Sophisticated working area: the seat, armrests and joystick positions can be adjusted individually. The operation is simple and intuitive - identical to the ET65.



Innovative windshield system.

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



Closed front window - two glass windows keep water and wind out.



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



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



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

Closed travel circuit:
the speed can easily be
variably controlled via the drive
pedal – no gear change, no
rolling away on a slope

3 steering modes: front axle,
all-wheel, crab steering for
optimal relocation in any
construction site situation

Comfortable, fatigue-free
control thanks to the load-
sensing hydraulic system with
LUDV (load-independent flow
distribution) – the joystick
movements always remain the
same for the operator

Productivity on wheels: the wheeled excavator EW100.

	EW100
Shipping weight (kg)	9,241 – 10,461
Digging depth with short and long dipper stick (mm)	3,950 – 4,250
Engine output (kW)	55



Very good thermal stability: 100% performance at up to 45 degrees ambient temperature

Standard articulated boom increases the digging depth

Two operating modes to choose from: full power (POWER) or save fuel (ECO)

Ergonomic cabin with individual adjustment of seat, joystick position and armrests

Cruise control, ideal for municipal work such as mowing, milling and mulching

Optimal ventilation and communication due to flexible windshield system

Intuitive operating concept: simple control by joystick, display, Jog Dial and keypad

Optimally positioned manifold bloc: hydraulic hoses are shorter and wear less, the efficiency is significantly increased

Load-sensing hydraulics with LUDV (load-independent flow distribution) for precise, fatigue-free control with all loads

Up to 5 additional control circuits available ex work for numerous application areas

Sturdy aluminum radiator, easy to clean

Illumination of the entire work area (optionally with LEDs)

Large application radius on its own axles, standard up to 20 km/h (optionally up to 30 km/h)

Different stabilizer versions: dozer blade or stabilizers, rear, front or both sides

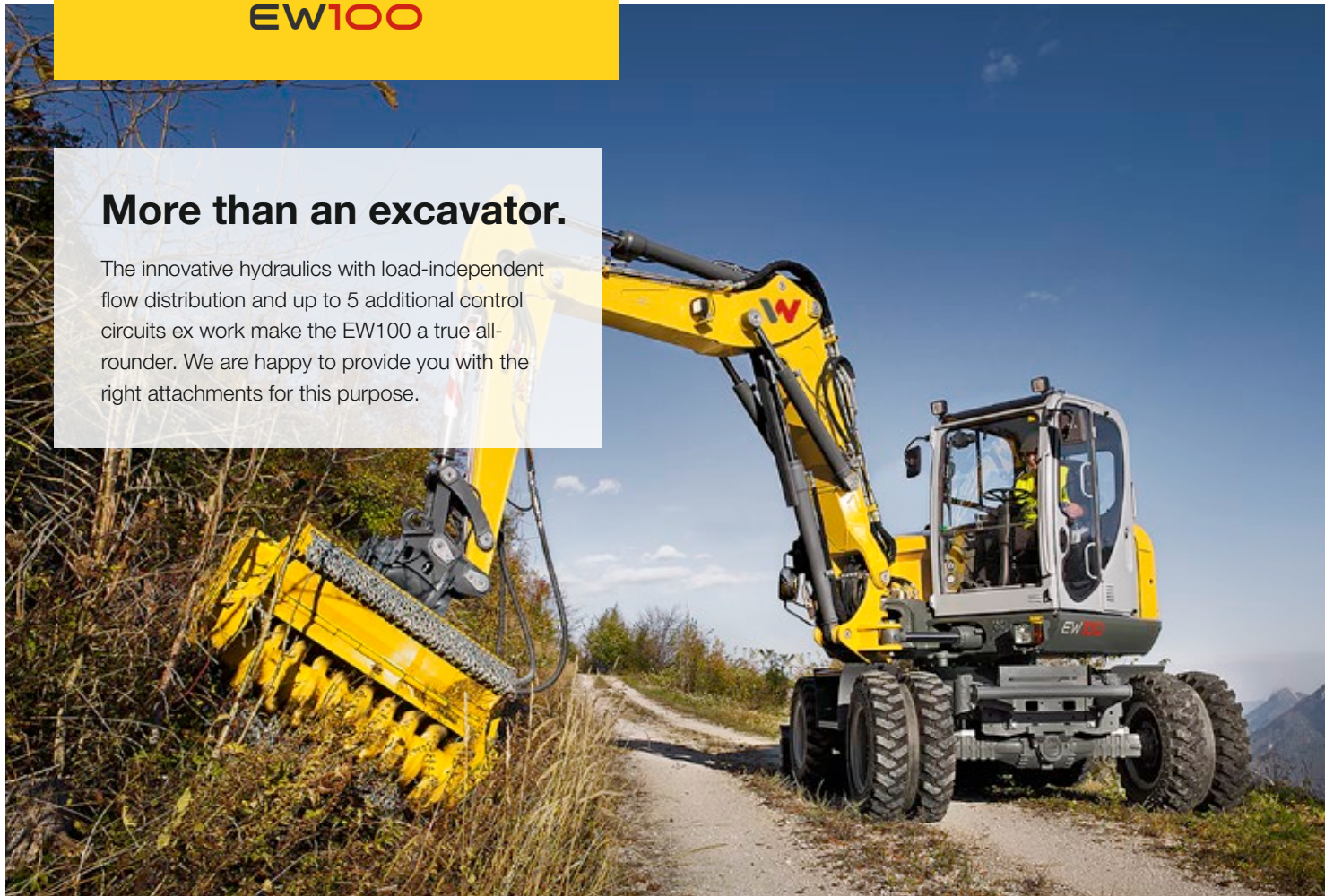
6 large tie-downs for quick, safe transport

Mudguards (optional) for reduced cleaning effort



More than an excavator.

The innovative hydraulics with load-independent flow distribution and up to 5 additional control circuits ex work make the EW100 a true all-rounder. We are happy to provide you with the right attachments for this purpose.



From 0 to 30 km/h with one accelerator pedal for a quick location change without transport costs.



Large tiltable cab.

Optimal access to all important service areas: the cabin can be tilted to the side by about 60° and the chassis covers can be removed in a few simple steps. Repair work is thus quickly taken care of.



High digging power and a greater digging depth thanks to the articulated boom ensure powerful digging performance and quick cycle times.



Constant power engine.

Thanks to the constant power engine, the digging performance of the EW100 remains consistently high, independent of the engine speed. That means:

- Full power even at low rpm
- Therefore less fuel consumption
- No SCR (selective catalytic reduction) required, therefore lower maintenance costs



Three steering modes.

The EW100 has three steering modes for various applications at the construction site as well as for road use. The steering mode can be easily changed using a toggle switch.



Front wheel steering for fast driving on the road.



All-wheel steering for a particularly small turning circle.



Crab steering for parallel travel, e.g. along buildings.

Configuration options

COMPACT AND WHEELED EXCAVATORS

	ET65	EZ80	ET90	ET145	EW65	EW100
CABIN						
1-door cabin (sliding window)	●	●	●	●	●	●
FOPS protective grating level 1	●	●	●	○	●	○
FOPS protective grating level 2*	○	○	○	○	○	○
Side mirror (rear-view mirror)	●	●	●	●	●	●
Complete radio	○	○	○	●	○	○
Radio installation	●	●	●	-	●	●
Automatic air conditioning	○	○	○	●	○	○
Air-cushioned operator's seat	○	○	○	○	○	○
HYDRAULICS						
Overload warning device Advanced	○	○	○	●	●	●
Overload warning device Basic	●	●	●	-	-	-
Auxiliary hydraulics proportional control / AUX I	●	●	●	●	●	●
3rd control circuit / AUX II	○	○	○	●	○	○
Panolin HLP Synt46 (Bio)	○	○	○	○	○	○
Flat-faced coupler	○	○	○	○	○	○
Flow control valve for auxiliary hydraulic / AUX I	○	○	○	●	○	○
Flow control valve for 3rd control circuit / AUX II	○	○	○	●	○	○
Preparation for power tilt / AUX III	○	○	○	○	○	○
Control circuit for grapple / AUX V	○	○	○	○	○	○
Preparation for Easy Lock / AUX IV	○	○	○	○	○	○
PAINT FINISH						
Special paint 1 RAL	○	○	○	○	○	○
Custom paintwork 1 no RAL	○	○	○	○	○	○
Special paint cab/canopy RAL	○	○	○	○	○	○
SECURITY						
Security 24 C (2,000 h)	○	○	○	○	○	○
Security 36 C (3,000 h)	○	○	○	○	○	○
Security 48 C (4,000 h)	○	○	○	○	○	○
Security 60 C (5,000 h)	○	○	○	○	○	○

● Standard ○ Option - Not suitable * only with additional protective grating

Global monitoring system.

Reduce the risk of machine theft: with telematics – our global monitoring system. Using Geofence technology, you determine the area in which the machine is to be used, and you will be informed as soon as a machine is located outside of this area.



COMPACT AND WHEELED EXCAVATORS

	ET65	EZ80	ET90	ET145	EW65	EW100
MISCELLANEOUS						
30 km/h	-	-	-	-	○	○
All-wheel steering	-	-	-	-	-	○
Mudguards	-	-	-	-	-	○
Rear-view camera	○	○	○	●	●	●
EquipCare 36 months (including app & manager)	○	○	○	○	○	○
Cruise control	-	-	-	-	-	○
LED rotating beacon	○	○	○	○	○	○
Front and rear work lights	○	○	○	●	○	○
Working light mounted to boom	●	●	●	●	●	●
LED lighting	○	○	○	-	○	-
Counterweight	○	○	○	-	-	-
Diesel filling pump	○	○	○	●	○	●
Automatic RPM speed control	●	●	●	●	●	●
Drive signal	○	○	○	-	○	○
Long dipper stick	○	○	○	○	○	○
Front or rear dozer blade	-	-	-	-	○	○
Front or rear stabilizer supports	●	●	●	●	○	○
Articulated boom	○	-	○	-	○	●
Hose-rupture valve for bucket cylinder	-	-	-	-	-	○
Road traffic regulation accessories	-	-	-	-	○	○
Steering logic switch-over	-	-	-	-	-	○
KAT drive interlock	○	○	○	○	○	○
Tool box	-	-	-	-	-	○
ISO – SAE switch-over	○	○	○	○	○	○
Rubber track*	●	●	●	○	-	-
Hybrid track*	○	○	○	○	-	-
Steel track*	○	○	○	●	-	-
Dual tires	-	-	-	-	○	●
Balloon tires	-	-	-	-	●	○
ASSEMBLED ATTACHMENTS						
Easy Lock	○	○	○	-	○	○
Easy Lock + Powertilt	○	○	○	-	○	○
Easy Lock + Powertilt + load hook	○	○	○	-	○	○
Mechanical quick hitch system MS03	○	○	○	○	○	○
OilQuick + load hook	-	-	-	○	-	-
OilQuick + Powertilt + load hook	-	-	-	○	-	-
Hyd. Lehnhoff quick hitch system + load hook	○	○	-	○	○	○
Hyd. Lehnhoff quick hitch system + Powertilt + load hook	○	○	-	○	○	○

* different widths possible depending on the model

Dimensions

			ET65	EZ80	ET90	ET145	EW65	EW100
DIMENSIONS		UNIT						
A	Height	mm	2,478	2,562	2,562	2,790 2,825 ⁽⁴⁾	2,775	2,980
B	Width of travel gear, retracted (track / tires)	mm	1,950	2,250	2,250	2,490	1,832 2,088 ⁽¹⁾	2,450
C	Transport length (short dipper stick)	mm	6,128 6,065 ⁽³⁾	6,939	7,117 6,468 ⁽³⁾	7,720	6,114 6,220 ⁽³⁾	7,255 6,656 ⁽³⁾
C	Transport length (long dipper stick)	mm	6,137 6,194 ⁽³⁾	6,944	7,139 6,690 ⁽³⁾	7,790	6,137 6,349 ⁽³⁾	7,315 6,886 ⁽³⁾
D	Max. digging depth (short dipper stick)	mm	3,826 3,893 ⁽³⁾	3,919	4,325 4,379 ⁽³⁾	5,000	3,531 3,596 ⁽³⁾	3,998 3,950 ⁽³⁾
D	Max. digging depth (long dipper stick)	mm	4,126 4,193 ⁽³⁾	4,169	4,625 4,679 ⁽³⁾	5,500	3,831 3,895 ⁽³⁾	4,298 4,250 ⁽³⁾
E	Max. vertical insertion depth (short dipper stick)	mm	2,383 2,764 ⁽³⁾	1,915	3,192 3,198 ⁽³⁾	3,100	2,088 2,465 ⁽³⁾	3,350 3,450 ⁽³⁾
E	Max. vertical insertion depth (long dipper stick)	mm	2,656 3,036 ⁽³⁾	2,124	3,474 3,456 ⁽³⁾	3,600	2,361 2,737 ⁽³⁾	3,650 3,750 ⁽³⁾
F	Max. insertion height (short dipper stick)	mm	5,773 6,537 ⁽³⁾	6,620	7,322 7,931 ⁽³⁾	8,300 ⁽⁵⁾	6,068 6,834 ⁽³⁾	7,295 8,090 ⁽³⁾
F	Max. insertion height (long dipper stick)	mm	5,955 6,770 ⁽³⁾	6,782	7,529 8,196 ⁽³⁾	8,600 ⁽⁵⁾	6,250 7,067 ⁽³⁾	7,485 8,355 ⁽³⁾
G	Max. dumping height (short dipper stick)	mm	3,912 4,664 ⁽³⁾	4,587	5,066 5,674 ⁽³⁾	5,700 5,659 ⁽⁴⁾	4,207 4,961 ⁽³⁾	5,160 5,935 ⁽³⁾
G	Max. dumping height (long dipper stick)	mm	4,094 4,898 ⁽³⁾	4,749	5,272 5,940 ⁽³⁾	6,000	4,389 5,195 ⁽³⁾	5,350 6,205 ⁽³⁾
H	Max. digging radius (short dipper stick)	mm	6,220 6,590 ⁽³⁾	6,955	7,331 7,596 ⁽³⁾	8,300	6,220 6,590 ⁽³⁾	7,540 7,815 ⁽³⁾
H	Max. digging radius (long dipper stick)	mm	6,504 6,877 ⁽³⁾	7,190	7,620 7,889 ⁽³⁾	8,800	6,504 6,877 ⁽³⁾	7,825 8,105 ⁽³⁾
I	Max. reach at ground level (short dipper stick)	mm	6,097 6,475 ⁽³⁾	6,795	7,179 7,463 ⁽³⁾	8,100	6,024 6,406 ⁽³⁾	7,320 7,605 ⁽³⁾
I	Max. reach at ground level (long dipper stick)	mm	6,387 6,772 ⁽³⁾	7,036	7,474 7,751 ⁽³⁾	8,600	6,318 6,706 ⁽³⁾	7,615 7,905 ⁽³⁾
J	Min. tail swing radius	mm	1,363	1,228	1,583	2,015	1,459	1,575
K	Max. boom offset to center of bucket (right/left)	mm	766/ 492	705/ 683	705/ 683	850/ 640	766/ 492	1,023/ 840
L	Max. stacking height of the dozer blade above subgrade (short/long)	mm	403	474	479	492/ 532 ⁽⁴⁾	395	504
M	Max. scraping depth of dozer blade below subgrade (short/long)	mm	427	523	518	531/ 493 ⁽⁴⁾	301	132
N	Total track length	mm	2,516	2,826	2,826	3,605	2,887	3,193
O	Max. swing angle of arm system to the right	°	63	63	63	57	63	63
P	Max. swing angle of arm system to the left	°	67	67	67	70	67	67
Q	Track/tire width	mm	400	450	450	500	300 457 ⁽¹⁾	514 ⁽¹⁾ 530 ⁽²⁾
R	Boom swing radius, center	mm	2,453 3,159 ⁽³⁾	2,869	2,503 2,840 ⁽³⁾	2,814	2,465 2,605 ⁽³⁾	2,953 3,190 ⁽³⁾

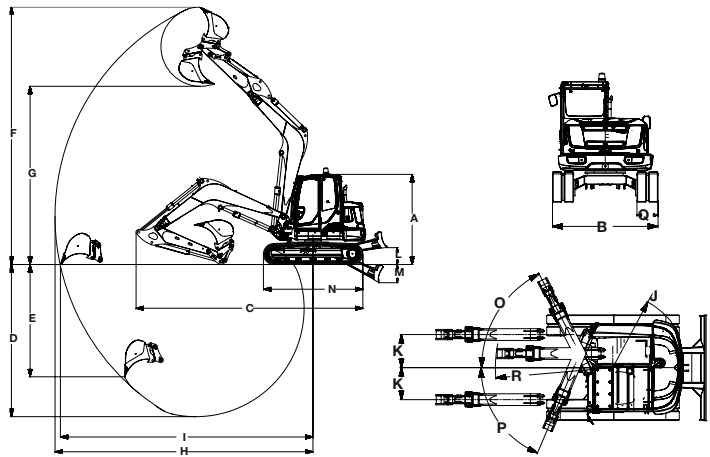
⁽¹⁾ Dual tires ⁽²⁾ Balloon tires ⁽³⁾ with articulated boom ⁽⁴⁾ with hybrid track ⁽⁵⁾ with steel track

Technical data

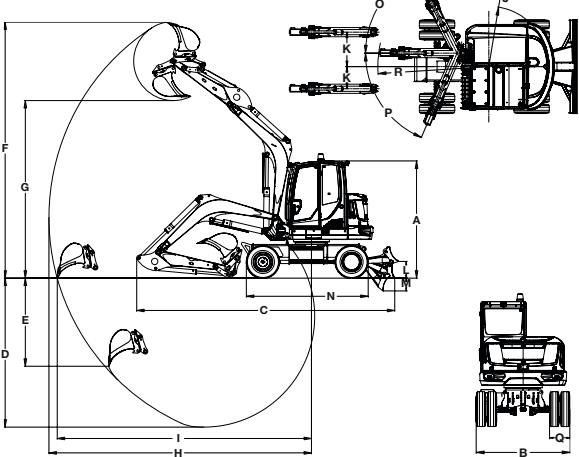
		ET65	EZ80	ET90	ET145	EW65	EW100
GENERAL		UNIT					
Shipping weight*	kg	5,806–6,682	7,588–8,877	8,348–9,625	14,917–15,701	6,472–7,720	9,241–10,461
Operating weight	kg	6,078–6,954	7,918–9,208	8,710–9,988	15,551–16,335	6,755–8,003	9,685–11,036
Max. ripping force**	kN according to ISO 6015	30.8	43.7	46	69	30.8	47
Max. break out force	kN according to ISO 6015	50.7	68	73.8	91	50.7	54.1
ENGINE		UNIT					
Manufacturer	–	Perkins	Perkins	Perkins	Perkins	Perkins	Perkins
Model	–	404J-E22T	404J-E22T	904J-E28T	854F-E34TA	404J-E22T	854E-E34TAWF
Design system	–	Liquid-cooled, 4-cylinder Yanmar turbo diesel engine					
Displacement	cm³	2,216	2,216	2,799	3,400	2,216	3,387
Engine output	according to ISO kW/hp	42/57.1	42/57.1	55.4/75.3	55.1/74.9	42/57.1	55/75
Fuel tank volume	l	85	85	85	205	85	170
Exhaust standard level	–	Stage 5			Stage 3b	Stage 5	Stage 3b
HYDRAULICS		UNIT					
Hydraulic system / pumps	–	LUDV with variable displacement pump			Negative control with double variable displacement pump and 2 gear pumps	LUDV with variable displacement pump, separate travel pump	
Max. flow rate	l/min	144	160	175	2 x 118 + 20 + 36	158.4 + 99	180
Operating pressure for work and drive hydraulics	bar	240	300	300	340	240/420	290/440
Operating pressure for swing gear	bar	215	240	240	320	215	–
Auxiliary hydraulics, max. discharge volume	l/min	107	113	113	121	107	117
TRAVEL GEAR		UNIT					
Ground clearance	mm	284	357	370	480	237	340
Max. travel speed	km/h	5.2	4.4	5	5	Up to 30	Up to 30
Ground pressure of basic machine	kg/cm²	0.35	0.36	0.40	0.50	–	–
NOISE EMISSIONS		UNIT					
Sound power level (L _{wa})	dBA according to 2000/14/EC	97	97	99	99	97	96
Sound pressure level (L _{pa})	dBA according to ISO 6394	77	79	79	75	77	76

* Basic machine + 10% fuel tank capacity ** short dipper stick All information relates to the base machine. Subject to changes.

Tracked excavators



Wheeled excavators



Lift capacity tables

ET 65																														
A	MAX						5.0 m						4.0 m						3.0 m						2.0 m					
B	C		D		C		D		C		D		C		D		C		D		C		D							
	Blade up	Blade down			Blade up	Blade down			Blade up	Blade down			Blade up	Blade down			Blade up	Blade down			Blade up	Blade down								
	from	up to	from	up to	from	up to	from	up to	from	up to	from	up to	from	up to	from	up to	from	up to	from	up to	from	up to	from	up to	from	up to				
4.0 m	817	1,291*	1,099	1,291*	663	1,144	840	1,011	1,095	1,095*	683	833	1,060	1,244*	1,060	1,244*	936	1,244*	–	–	–	–	–	–	–	–				
3.0 m	672	1,080*	1,150	1,280*	535	902	794	1,043	1,086	1,149*	669	871	1,115	1,308*	1,115	1,308	1,002	1,252	1,580	1,580*	1,580	1,580*	1,580	1,580*	–	–				
2.0 m	593	955*	1,121	1,301*	471	797	753	1,021	1,157	1,313*	639	850	1,145	1,446	1,341	1,474	923	1,208	1,621	2,090	1,621	2,090*	1,431	1,852	2,751	2,751*				
1.0 m	562	915*	1,105	1,339*	443	758	722	993	1,238	1,401*	597	822	1,056	1,383	1,600	1,738	838	1,138	1,602	2,140	2,350	2,549*	1,241	1,723	3,447	4,183				
0 m	569	938*	1,009	1,387*	446	776	716	972	1,271	1,441*	561	804	991	1,331	1,703	1,908	776	1,090	1,515	2,028	2,539	2,856*	1,160	1,622	2,850	4,092				
– 1.0 m	619	1,048*	984	1,437*	486	864	697	952	1,131	1,360*	545	784	959	1,314	1,605	1,894	746	1,074	1,486	2,010	2,273	2,812*	1,132	1,605	3,130	4,149				
– 2.0 m	749	1,356*	911	1,456*	585	1,112	–	–	–	–	–	–	969	1,308	1,227	1,639	755	1,068	1,510	2,041	1,744	2,461*	1,155	1,633	2,363	4,125*				

EZBO																														
A	MAX										5.0 m				4.0 m				3.0 m						2.0 m					
B	C				D		C				D		C				D		C				D		C				D	
	Blade up		Blade down				Blade up		Blade down				Blade up		Blade down				Blade up		Blade down				Blade up		Blade down			
	from	up to	from	up to	from	up to	from	up to	from	up to	from	up to	from	up to	from	up to	from	up to	from	up to	from	up to	from	up to	from	up to	from	up to	from	up to
4.0 m	905	1,173	1,949	2,094*	987	1,287	1,048	1,235	1,900	2,074*	1,143	1,368	1,588	1,806	2,043	2,043*	1,713	1,999	–	–	–	–	–	–	–	–	–	–	–	–
3.0 m	766	991	1,946	2,079*	834	1,086	1,030	1,217	1,996	2,131*	1,124	1,341	1,496	1,744	2,140	2,340*	1,648	1,950	–	–	–	–	–	–	–	–	–	–	–	–
2.0 m	729	904	2,069	2,098*	797	991	983	1,170	2,224	2,336*	1,076	1,288	1,392	1,640	2,677	2,859*	1,538	1,837	2,155	2,574	3,752	4,164*	2,441	2,934	–	–	–	–	–	–
1.0 m	668	875	2,008	2,134*	731	961	932	1,119	2,467	2,546*	1,017	1,234	1,288	1,536	3,217	3,346*	1,429	1,717	1,929	2,317	5,041	5,275*	2,196	2,656	–	–	–	–	–	–
0 m	682	899	2,054	2,176*	747	989	894	1,081	2,607	2,637*	970	1,195	1,211	1,470	3,513	3,561*	1,349	1,645	1,832	2,216	5,417	5,417*	2,094	2,545	–	–	–	–	–	–
– 1.0 m	746	993	2,094	2,206*	819	1,096	882	1,069	2,530	2,470*	949	1,183	1,178	1,448	3,415	3,462*	1,314	1,621	1,807	2,208	4,975	5,131*	2,066	2,536	3,712	4,517	8,173	9,014*	4,594	5,615
– 2.0 m	909	1,236	2,092	2,165*	1,002	1,372	–	–	–	–	–	–	1,188	1,469	2,780	2,979*	1,324	1,643	1,834	2,246	4,000	4,311*	2,095	2,577	3,791	4,598	6,240	7,144*	4,686	5,711

ET90																														
A	MAX						6.0 m						5.0 m						4.0 m						3.0 m					
B	C				D		C				D		C				D		C				D		C				D	
	Blade up		Blade down				Blade up		Blade down				Blade up		Blade down				Blade up		Blade down				Blade up		Blade down			
	from	up to	from	up to	from	up to	from	up to	from	up to	from	up to	from	up to	from	up to	from	up to	from	up to	from	up to	from	up to	from	up to	from	up to		
4.0 m	1,026	1,568	1,624	1,847*	960	1,383	1,083	1,265	1,621	1,621*	1,013	1,173	1,511	1,857*	1,702	1,857*	1,409	1,649	1,769	2,016*	1,769	2,016*	1,769	2,016*	–	–	–	–		
3.0 m	903	1,369	1,567	1,818*	845	1,207	1,069	1,251	1,633	1,715*	999	1,159	1,459	1,826*	1,823	1,964*	1,358	1,606	2,073	2,294*	2,073	2,294*	1,942	2,252	2,488	3,028*	2,488	3,028*		
2.0 m	839	1,272	1,528	1,814*	784	1,119	1,030	1,212	1,695	1,753*	962	1,124	1,383	1,759	1,995	2,145*	1,285	1,542	1,948	2,470	2,515	2,681*	1,790	2,146	3,139	3,809	3,402	3,943*		
1.0 m	816	1,241	1,493	1,821*	763	1,089	988	1,170	1,747	1,778*	922	1,089	1,309	1,693	2,145	2,309*	1,213	1,479	1,808	2,337	2,831	3,032*	1,657	2,019	2,850	3,595*	4,166	4,625*		
0 m	833	1,272	1,452	1,828*	778	1,114	956	1,138	1,733	1,718*	890	1,066	1,258	1,647	2,200	2,369*	1,154	1,435	1,720	2,254	2,937	3,155*	1,572	1,941	2,657	3,477	4,209	4,636*		
- 1.0 m	892	1,382	1,377	1,820*	832	1,209	946	1,128	1,574	1,574*	881	1,041	1,239	1,628	2,104	2,251*	1,126	1,417	1,680	2,227	2,736	3,057*	1,534	1,916	2,964	3,469	3,707	4,368*		
- 2.0 m	1,040	1,640	1,257	1,756*	968	1,430	–	–	–	–	–	–	1,254	1,649	1,778	1,778*	1,134	1,438	1,689	2,241	2,252	2,708*	1,543	1,929	2,676	3,484*	2,955	3,757*		

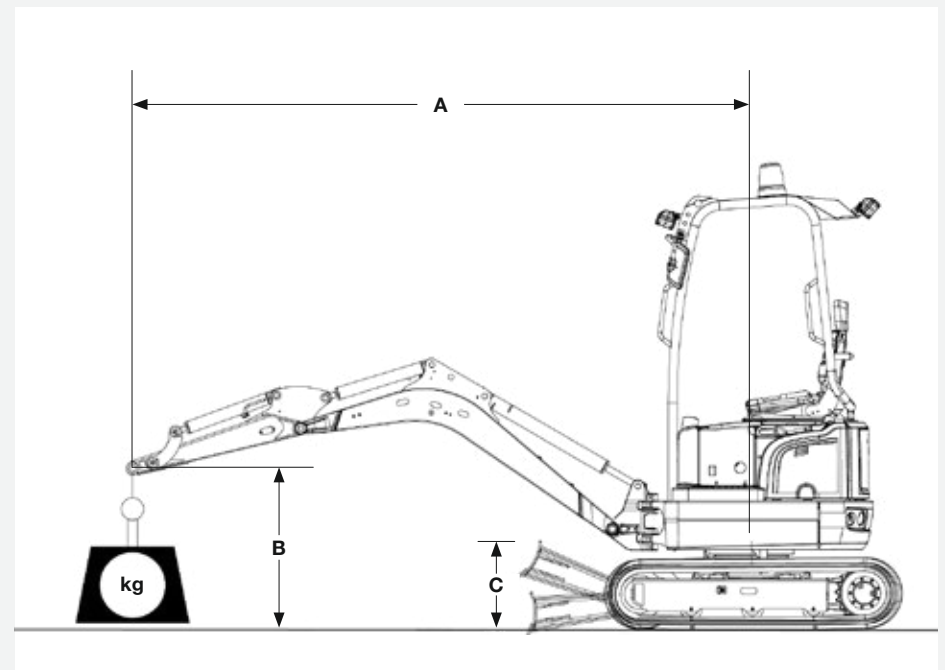
ET145																														
A	MAX						6.0 m						5.0 m						4.0 m						3.0 m					
B	C				D		C				D		C				D		C				D		C				D	
	Blade up		Blade down				Blade up		Blade down				Blade up		Blade down				Blade up		Blade down				Blade up		Blade down			
	from	up to	from	up to	from	up to	from	up to	from	up to	from	up to	from	up to	from	up to	from	up to	from	up to	from	up to	from	up to	from	up to	from	up to		
6.0 m	2,368	2,878	2,879	3,271*	2,544	3,094	—	—	—	—	—	—	2,569	2,946	2,569	3,234*	2,569	3,167*	—	—	—	—	—	—	—	—	—	—		
4.0 m	1,677	1,909	2,966	3,301*	1,807	2,055	2,145	2,200	2,874	3,263*	2,307	2,365	2,862	2,893	2,866	3,349*	2,866	3,113*	3,572	3,572*	3,572	3,572*	3,572	3,572*	—	—	—	—		
2.0 m	1,462	1,664	3,485	3,152*	1,580	1,775	2,015	2,050	3,545	3,828*	2,175	2,213	2,605	2,671	4,142	4,543*	2,818	2,887	3,528	3,660	5,370	6,064*	3,836	3,977	—	—	—	—		
0 m	1,471	1,668	3,413	3,758*	1,594	1,805	1,884	1,927	4,182	4,303*	2,043	2,087	2,408	2,448	5,234	5,400*	2,617	2,659	3,247	3,293	7,159	7,333*	3,550	3,598	4,891	5,002	*10,898	*11,140		
–2.0 m	1,772	2,093	3,752	4,094*	1,921	2,269	1,858	1,883	4,029	4,029*	2,016	2,044	2,355	2,443	4,992	5,217*	2,563	2,654	3,201	3,308	6,629	6,958*	3,502	3,614	4,927	5,096	*9,238	*10,030		
–4.0 m	3,520	3,562	4,038	4,038*	3,837	3,884	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	5,240	5,302	*5,812	*5,812	

EWB5																														
A	MAX						5.0 m						4.0 m						3.0 m						2.0 m					
B	C				D		C				D		C				D		C				D		C				D	
	Blade up		Blade down				Blade up		Blade down				Blade up		Blade down				Blade up		Blade down				Blade up		Blade down			
	from	up to	from	up to	from	up to	from	up to	from	up to	from	up to	from	up to	from	up to	from	up to	from	up to	from	up to	from	up to	from	up to	from	up to	from	up to
4.0 m	1,019	1,227*	1,083	1,227*	726	1,207	1,079	1,079*	1,079	1,079*	806	883	1,125	1,240*	1,125	1,240*	1,125	1,240*	–	–	–	–	–	–	–	–	–	–	–	–
3.0 m	869	1,229*	1,047	1,229*	614	1,002	1,105	1,226*	1,105	1,226*	782	1,009	1,255	1,360*	1,255	1,360*	1,132	1,252*	1,523	1,721*	1,523*	1,721*	1,523	1,721*	–	–	–	–	–	–
2.0 m	798	1,255*	1,031	1,255*	559	914	1,186	1,281*	1,186	1,281*	746	984	1,466	1,554*	1,466	1,554*	1,048	1,365*	2,010	2,078*	2,010*	2,078*	1,575	2,010*	2,823	3,234*	2,823	3,234*	2,823	3,234*
1.0 m	778	1,286	1,020	1,295*	541	893	1,259	1,362*	1,259	1,362*	704	959	1,650	1,728*	1,650	1,728*	970	1,305	2,207	2,576*	2,496*	2,576*	1,420	2,576*	4,770	4,961*	4,770	4,961*	2,779	3,004
0 m	806	1,343*	1,006	1,343*	557	935	1,230	1,361*	1,259	1,361*	674	944	1,606	1,841*	1,708	1,841*	917	1,268	2,138	2,743*	2,488*	2,743*	1,360	2,743*	4,088	5,110*	4,088	5,110*	2,608	3,553
–1.0 m	900	1,387*	971	1,387*	621	1,074	974	1,128*	1,128	1,128*	667	839	1,586	1,731*	1,587	1,778*	899	1,262	2,126	2,550*	2,148*	2,632*	1,350	2,632*	3,040	4,600*	3,040	4,600*	2,638	3,584
–2.0 m	869	1,375*	869	1,375*	779	1,375*	–	–	–	–	–	–	1,003	1,207*	1,003	1,374*	922	1,269	1,506	1,904*	1,506*	2,163*	1,385	2,163*	2,509	3,576*	2,509	3,576*	2,509	3,576*

EW100

A	MAX										6.0 m						5.0 m						4.0 m						3.0 m					
B	C					D		C				D		C				D		C				D		C				D				
	Blade up		Blade down					Blade up		Blade down				Blade up		Blade down				Blade up		Blade down				Blade up		Blade down						
	from	up to	from	up to	from	up to	from	up to	from	up to	from	up to	from	up to	from	up to	from	up to	from	up to	from	up to	from	up to	from	up to	from	up to	from	up to				
6.0 m	1,724	2,039*	1,824	2,039*	1,824	2,039*	–	–	–	–	–	–	–	–	–	–	–	–	2,014	2,014*	2,014	2,014*	2,014	2,014*	–	–	–	–	–	–				
4.5 m	1,128	1,444	1,685	1,823*	1,196	1,400	–	–	–	–	–	–	–	1,521	1,761	1,662	1,815*	1,616	1,718	–	–	–	–	–	–	–	–	–	–	–				
3.0 m	720	1,226	1,600	1,847*	830	1,184	930	1,279	1,729	1,835*	1,040	1,236	1,255	1,704	1,919	2,135*	1,420	1,661	1,775	2,375	2,274	2,695*	2,010	2,340	2,940	3,130*	3,130	3,130*	3,130	3,130*				
1.5 m	675	1,101	1,535	1,817*	775	1,058	865	1,225	1,875	1,959*	975	1,180	1,135	1,590	2,310	2,400*	1,300	1,544	1,540	2,182	3,115	3,280*	1,770	2,140	2,520	2,900	4,450	4,715*	2,915	3,065				
0 m	695	1,143	1,455	1,849*	785	1,099	820	1,189	1,840	1,951*	925	1,144	1,050	1,519	2,395	2,525*	1,215	1,470	1,425	2,064	3,135	3,438*	1,660	2,017	2,205	2,630	4,850	4,965*	2,590	2,785				
–1.0 m	760	1,264	1,355	1,853*	880	1,218	815	1,171	1,470	1,794*	920	1,125	1,035	1,508	2,145	2,359*	1,200	1,459	1,415	2,057	2,845	3,276*	1,645	2,010	2,200	2,640	3,725	4,085*	2,585	2,795				

All table values are given in kg in a horizontal position on a solid surface and without bucket.



Meaning of abbreviations in tables

A: Outreach from middle of rotating assembly

B: Height of load hook

MAX: Permissible load with extended dipper stick

C: Dozer blade up or down, in travel direction – except EW100: against travel direction

D: Dozer blade up, revolving superstructure 90° to travel direction

* Lift capacity limited by hydraulics

Actual lift capacity depends on the outfitting of the machine.

You can find these in the respective operator's manual.

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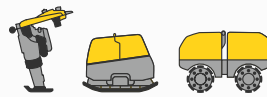
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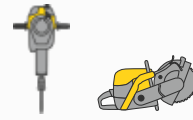
Products



Concrete technology



Compaction



Demolition technology



Excavators



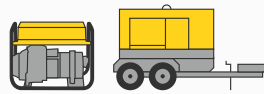
Wheel loaders



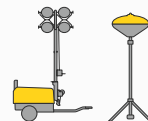
Telehandlers



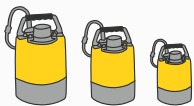
Dumpers



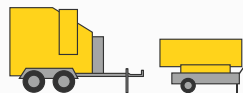
Generators



Lighting



Pumps



Heaters



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