## **EZ17e** Tracked Zero Tail Excavators







## The First Electric Mini-Excavator from Wacker Neuson

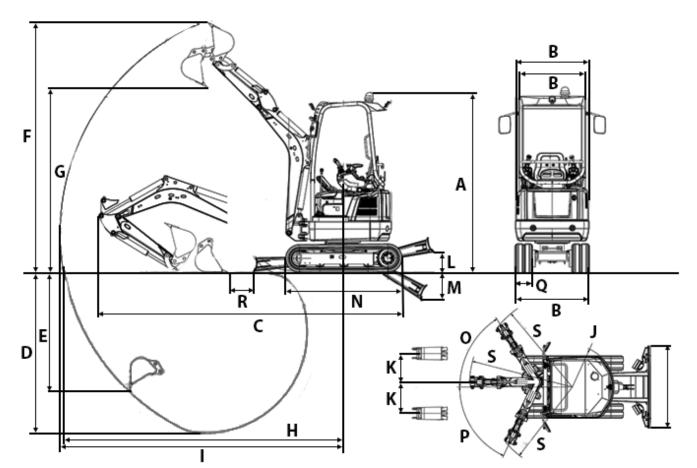
Our first all-electric, zero tail mini-excavator with no rear overhang. "Mini" really only refers to the dimensions, because when it comes to power and endurance, the EZ17e is in no way inferior to its brothers with combustion engines. Due to its zero emissions, it is ideal for indoor applications, as well as in areas where exhaust fumes and noise are restricted. Thanks to the powerful lithium ion battery, it can be used for a typical workday and, if necessary, continue to be used in stationary operation connected to a power source. Due to its patented battery technology with integrated battery heating, the unit can be charged at any power source (100 to 415 V). This can be done without additional extra work being required and independently of the ambient temperature.

- Connection via high-voltage current or via adapter to a household socket, charging also possible during application on the construction site
- Application for an entire workday depending of the intensity of the application without an interim charge or with stationary operation connected to a power source
- Several hours of battery life thanks to an output of 23.4 kWh and the patented, self-heating battery system
- Reduced maintenance and operating costs thanks to the elimination of many service points compared to conventional machines
- Ideal for application in noise-sensitive or emissionsrestricted areas

## EZ17e Technical specifications

Operating weight         1,797 - 2,152 kg           Operating weight min.         1,797 kg           Biting force max.         9.1 kN           Breakout force max.         2.0.5 kN           Digging depth max.         2.490 mm           Digging radius max.         4.060 mm           L x W x H         3,584 x 990 x 2,660 mm           Engine / Motor Electric engine         3,584 x 990 x 2,660 mm           Engine / Motor Electric engine         48 V           Rated voltage         48 V           Rated voltage         2.2.00 rpm           Engine / speed         2.2.00 rpm           Engine performance according to ISO         1.6.5 kW           Battery         2.2.00 rpm           Engine performance according to ISO         1.6.5 kW           Battery         2.2.00 rpm           Current Variance         2.2.00 rpm           Engine performance according to ISO         1.6.5 kW           Battery         2.2.00 rpm           Current Variance         2.200 rpm           Engine performance according to ISO         2.200 rpm           Current Variance         2.200 rpm           Current Variance         2.200 Ac           Current Variance         2.200 Ac           Duty pump<	Operating data	
Operating weight min.         1.797 kg           Operating weight min.         1.797 kg           Bitting force max.         9.1 kN           Breakout force max.         2.0.5 kN           Digging depth max.         2.490 mm           Digging radius max.         4.060 mm           L x W x H         3.584 x 990 x 2.660 mm           Engine / Motor Electric engine         3.584 x 990 x 2.660 mm           Engine / Motor Electric engine         488 V           Rated voltage         488 V           Rated performance         2.200 rpm           Capacity         2.200 rpm           Engine performance according to ISO         16.5 kW           Battery         3.584 x 990 x 2.660 mm           Kated voltage         48 V           Rated voltage         48 V           Rated voltage         48 V           Rated voltage         16.5 kW           Battery         2200 rpm           Kated voltage         48 V           Current Maximum current, short-term         220 A           Current Maximum current, short-term         220 A           Current Maximum current, short-term         220 A           Duty pump         Variable displacement pump           Flow rate         2.40 b	Shipping weight min.	1,681 kg
Biting force max.     9.1 kV       Breakout force max.     20.5 kV       Digging depth max.     2.490 mm       Digging radius max.     3,584 x 990 x 2,660 mm       L x W x H     3,584 x 990 x 2,660 mm       Engine / Motor Electric engine     48 V       Rated voltage     48 V       Rated voltage     23.4 kWh       Rypeed     2,200 rpm       Engine performance according to ISO     16.5 kW       Battery     2200 A       Rated voltage     48 V       Current Continuous current     2200 A       Current Maximum current, short-term     350 A       Hydraulic system     350 A       Duty pump     Variable displacement pump       Flow rate     39.6 l/min       Operating pressure for working and traction hydraulics     240 bar       Undercarriage     45 km/h       Sound level (LwA) according to 2000/14/EC     84 dB(A)	Operating weight	1,797 - 2,152 kg
Period20.5 kNDigging depth max.2.0.5 kNDigging radius max.2.4.90 mmL x W x H3.584 x 990 x 2.660 mmEngine / Motor Electric engineEngine / Motor Electric engineEngine / Motor Electric engineColspan="2">Engine / Motor Electric engineEngine / Motor Electric engineEngine / Motor Electric engineEngine / Motor Electric engineEngine performanceColspan="2">Engine performance according to ISOEngine performance according to ISOEngine performance according to ISOEngine performance according to ISOColspan="2">Colspan="2">Colspan="2"Puty putyVariable displacement pumpFlow rateOuty pumpVariable displacement pumpFlow rateSound levelColspan="2"Sound level (LwA) according to 2000/14/ECSaund level (LwA) according to 2000/14	Operating weight min.	1,797 kg
Digging depth max.         2,490 mm           Digging radius max.         3,584 x 990 x 2,660 mm           L x W x H         3,584 x 990 x 2,660 mm           Engine / Motor Electric engine         48 V           Rated voltage         48 V           Rated voltage         248 V           Capacity         23.4 kWh           RPM / speed         2,200 rpm           Engine performance according to ISO         16.5 kW           Battery         3584 x 900 x 2,600 mm           Current Continuous current         3,200 rpm           Current Continuous current         3,200 rpm           Current Maximum current, short-term         350 A           Hydraulic system         350 A           Duty pump         Variable displacement pump           Flow rate         32.40 bar           Operating pressure for working and traction hydraulics         240 bar           Undercarriage         32.40 bar           Travel speed max.         4.5 km/h           Sound level (LwA) according to 2000/14/EC         84 d8(A)	Biting force max.	9.1 kN
Digging radius max.4,060 mmL x W x H3,584 x 990 x 2,660 mmEngine / Motor Electric engineRated voltage48 VRated voltage16.5 kWCapacity23.4 kWhCApacity2,200 rpmEngine performance according to ISO16.5 kWBatteryRated voltage48 VCurrent Continuous current48 VCurrent Maximum current, short-term350 AHydraulic system350 ADuty pumpVariable displacement pumpFlow rate39.6 l/minOperating pressure for working and traction hydraulics240 barUndercarriage4.5 km/hSound level (LwA) according to 2000/14/EC84 d8(A)	Breakout force max.	20.5 kN
L x W x H       3,584 x 990 x 2,660 mm         Engine / Motor Electric engine       48 V         Rated voltage       48 V         Rated voltage       48 V         Capacity       23.4 kWh         RPM / speed       2,200 rpm         Engine performance according to ISO       16.5 kW         Battery       16.5 kW         Rated voltage       48 V         Current Continuous current       200 A         Current Maximum current, short-term       350 A         Hydraulic system       350 A         Duty pump       Variable displacement pump         Flow rate       39.6 l/min         Operating pressure for working and traction hydraulics       240 bar         Undercarriage       4.5 km/h         Sound level (LuwA) according to 2000/14/EC       84 dB(A)	Digging depth max.	2,490 mm
Engine / Motor Electric engine       48 V         Rated voltage       48 V         Rated performance       16.5 kW         Capacity       23.4 kWh         RPM / speed       2,200 rpm         Engine performance according to ISO       16.5 kW         Battery       36.5 kW         Battery       48 V         Current Continuous current       48 V         Current Continuous current, short-term       350 A         Hydraulic system       350 A         Duty pump       Variable displacement pump         Flow rate       39.6 l/min         Operating pressure for working and traction hydraulics       240 bar         Undercarriage       45.5 km/h         Stand level       45.5 km/h         Stand level (LwA) according to 2000/14/EC       84.6 k(A)	Digging radius max.	4,060 mm
Rated voltage48 VRated performance48 VRated performance16.5 kWCapacity23.4 kWhRPM / speed2,200 rpmEngine performance according to ISO16.5 kWBattery48 VRated voltage48 VCurrent Continuous current220 ACurrent Continuous current, short-term350 AHydraulic system39.6 l/minDuty pumpVariable displacement pumpFlow rate240 barOperating pressure for working and traction hydraulics240 barUndercarriage45. km/hSound level (LwA) according to 2000/14/EC84 dB(A)	L x W x H	3,584 x 990 x 2,660 mm
Rated performance16.5 kWCapacity23.4 kWhRPM / speed23.4 kWhRPM / speed2,200 rpmEngine performance according to ISO16.5 kWBattery16.5 kWRated voltage48 VCurrent Continuous current48 VCurrent Continuous current220 ACurrent Maximum current, short-term350 AHydraulic system1350 APuty pumpVariable displacement pumpFlow rate240 barOperating pressure for working and traction hydraulics240 barUndercarriage240 barTravel speed max.4.5 km/hSound level84 dB(A)	Engine / Motor Electric engine	
Capacity       23.4 kWh         RPM / speed       23.4 kWh         RPM / speed       2,200 rpm         Engine performance according to ISO       16.5 kW         Battery       16.5 kW         Rated voltage       48 V         Current Continuous current       2200 A         Current Maximum current, short-term       350 A         Hydraulic system       350 A         Duty pump       Variable displacement pump         Flow rate       39.6 l/min         Operating pressure for working and traction hydraulics       240 bar         Undercarriage       14.5 km/h         Travel speed max.       4.5 km/h         Sound level (LwA) according to 200/14/EC       84 dB(A)	Rated voltage	48 V
RPM / speed2,200 rpmEngine performance according to ISO16.5 kWBattery16.5 kWBattery48 VRated voltage48 VCurrent Continuous current220 ACurrent Maximum current, short-term350 AHydraulic system39.6 l/minDuty pumpVariable displacement pumpFlow rate39.6 l/minOperating pressure for working and traction hydraulics240 barUndercarriage16.5 km/hSound level4.5 km/hSound level (LWA) according to 2000/14/EC84 dB(A)	Rated performance	16.5 kW
Engine performance according to ISO       16.5 kW         Battery       48 V         Rated voltage       48 V         Current Continuous current       220 A         Current Maximum current, short-term       350 A         Hydraulic system       350 A         Duty pump       Variable displacement pump         Flow rate       39.6 l/min         Operating pressure for working and traction hydraulics       240 bar         Undercarriage       1         Travel speed max.       4.5 km/h         Sound level       84 dB(A)	Capacity	23.4 kWh
BatteryRated voltage48 VCurrent Continuous current220 ACurrent Maximum current, short-term350 AHydraulic systemVariable displacement pumpDuty pumpVariable displacement pumpFlow rate39.6 l/minOperating pressure for working and traction hydraulics240 barUndercarriage1Travel speed max.4.5 km/hSound level (LwA) according to 2000/14/EC84 dB(A)	RPM / speed	2,200 rpm
Rated voltage48 VCurrent Continuous current220 ACurrent Maximum current, short-term350 AHydraulic systemVariable displacement pumpDuty pumpVariable displacement pumpFlow rate39.6 l/minOperating pressure for working and traction hydraulics240 barUndercarriage1Travel speed max.4.5 km/hSound level (LwA) according to 200/14/EC84 dB(A)	Engine performance according to ISO	16.5 kW
Current Continuous current220 ACurrent Maximum current, short-term350 AHydraulic system350 ADuty pumpVariable displacement pumpFlow rate39.6 l/minOperating pressure for working and traction hydraulics240 barUndercarriage240 barTravel speed max.4.5 km/hSound level (LwA) according to 2000/14/EC84 dB(A)	Battery	
Current Maximum current, short-term       350 A         Hydraulic system       350 A         Duty pump       Variable displacement pump         Flow rate       39.6 l/min         Operating pressure for working and traction hydraulics       240 bar         Undercarriage       240 bar         Travel speed max.       4.5 km/h         Sound level       100/14/EC         Sound level (LwA) according to 2000/14/EC       84 dB(A)	Rated voltage	48 V
Hydraulic system       Variable displacement pump         Duty pump       Variable displacement pump         Flow rate       39.6 l/min         Operating pressure for working and traction hydraulics       240 bar         Undercarriage       240 bar         Travel speed max.       4.5 km/h         Sound level       240 bar         Sound level (LwA) according to 2000/14/EC       84 dB(A)	Current Continuous current	220 A
Duty pump       Variable displacement pump         Flow rate       39.6 l/min         Operating pressure for working and traction hydraulics       240 bar         Undercarriage       240 bar         Travel speed max.       4.5 km/h         Sound level       1000/14/EC         Sound level (LwA) according to 2000/14/EC       84 dB(A)	Current Maximum current, short-term	350 A
Flow rate       39.6 l/min         Operating pressure for working and traction hydraulics       240 bar         Undercarriage       240 bar         Travel speed max.       4.5 km/h         Sound level       240 bar         Sound level (LwA) according to 2000/14/EC       84 dB(A)	Hydraulic system	
Operating pressure for working and traction hydraulics       240 bar         Undercarriage       240 bar         Travel speed max.       4.5 km/h         Sound level       240 bar         Sound level (LwA) according to 2000/14/EC       84 dB(A)	Duty pump	Variable displacement pump
Undercarriage Travel speed max. 4.5 km/h Sound level Sound level (LwA) according to 2000/14/EC 84 dB(A)	Flow rate	39.6 l/min
Travel speed max. 4.5 km/h Sound level Sound level (LwA) according to 2000/14/EC 84 dB(A)	Operating pressure for working and traction hydraulics	240 bar
Sound level (LwA) according to 2000/14/EC 84 dB(A)	Undercarriage	
Sound level (LwA) according to 2000/14/EC 84 dB(A)	Travel speed max.	4.5 km/h
-	Sound level	
Cabin - specified sound pressure level LpA according to ISO 6394 70 dB(A)	Sound level (LwA) according to 2000/14/EC	84 dB(A)
	Cabin - specified sound pressure level LpA according to ISO 6394	70 dB(A)

## EZ17e Dimensions



А	Height	2,489 mm
В	Width Cabin	884 mm
В	Width Revolving superstructure	980 mm
В	Width Travel gear extended	1,300 mm
С	Transport length (short shovel arm)	3,584 mm
С	Transport length (long shovel arm)	3,554 mm
D	Digging depth max. (short shovel arm)	2,323 mm
D	Digging depth max. (long shovel arm)	2,483 mm
E	Insertion depth max. vertical (short shovel arm)	1,710 mm
E	Insertion depth max. vertical (long shovel arm)	1,860 mm
F	Insertion height max. (short shovel arm)	3,465 mm
F	Insertion height max. (long shovel arm)	3,579 mm
G	Dump height max. (short shovel arm)	2,439 mm
G	Dump height max. (long shovel arm)	2,553 mm
Н	Digging radius max. (short shovel arm)	3,900 mm
Н	Digging radius max. (long shovel arm)	4,050 mm
I	Range max. ground range (short shovel arm)	3,848 mm
I	Range max. ground range (long shovel arm)	4,001 mm
J	Rear swivel radius min.	660 mm
К	Arm displacement max. on middle of bucket right	533 mm

К	Arm displacement max. on middle of bucket left	418 mm
L	Lift height max. dozer blade above subgrade	271 mm
М	Scraping depth max. dozer blade below subgrade	390 mm
Ν	Length Travel gear	1,607 mm
0	Turning angle max. right	57 °
Р	Turning angle max. left	65 °
Q	Chain width	230 mm
S	Boom slewing radius Middle	1,635 mm
S	Boom slewing radius right	1,519 mm
S	Boom slewing radius left	1,372 mm
R	Distance Bucket, dozer blade (long shovel arm)	331 mm
R	Distance Bucket, dozer blade (short shovel arm)	259 mm
	Length Travel gear, middle, sprocket guide wheel	1,223 mm
	Height Dozer blade	230 mm
DS- dir	nnor stick	

DS= dipper stick

Please note: that product availability can vary from country to country. It is possible that information / products may not be available in your country. More detailed information on engine power can be found in the operator's manual; the stated power may vary due to specific operating conditions. Subject to alterations and errors excepted. Applicable also to illustrations.

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