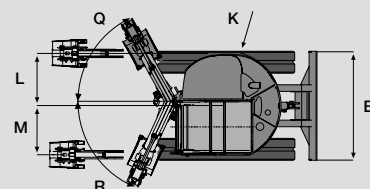
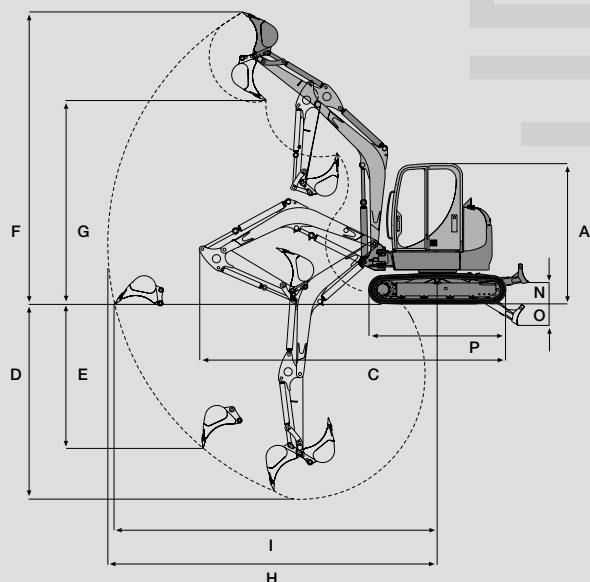


# Zero Tail

Wacker Neuson Zero Tail  
50Z3<sub>2</sub> • 75Z3<sub>2</sub>



**WACKER  
NEUSON**



#### DIMENSIONS:

	50Z32	75Z32
A Height	2570 mm	2670 mm
B Width	1990 mm	2300 mm
C Transport length (arm lowered)	5500 mm	6480 mm

#### EXCAVATING DATA (BUCKET ARM SHORT/ LONG)

D Max. excavation depth	3500 / 3750 mm	4030 / 4320 mm
E Max. vertical insertion depth	2670 / 2885 mm	3400 / 3700 mm
F Max. insertion height	5300 / 5460 mm	6630 / 6820 mm
G Max. cutting height	3680 / 3840 mm	4500 / 4690 mm
H Max. excavating radius	5985 / 6225 mm	7070 / 7350 mm
I Max. reach on the ground	5860 / 6105 mm	6940 / 7210 mm

#### EXCAVATING DATA (GENERALLY)

Max. overhang at rear (top part of vehicle turned 90°)	0 mm	0 mm
K Tail turning radius	995 mm	1150 mm
L Max. arm displacement to middle of bucket right side	960 mm	950 mm
M Max. arm displacement to middle of bucket left side	895 mm	770 mm
N Max. lifting height levelling blade above formation	415 mm	485 mm
O Max. scraping depth of levelling blade below formation	455 mm	480 mm
P Length of running gear	2500 mm	2845 mm
Q Max. angle of swivel arm system to the right	61°	63°
R Max. angle of swivel arm system to the left	65°	67°
Max. shearing force	26,6 / 23,5 kN	35,3 / 31,9 kN
Max. breakaway torque	33,8 kN	45,3 kN

LIFTING POWER 50Z32							LIFTING POWER 75Z32								
A	2 m		3 m		4 m		max.	A	2 m		3 m		4 m		max.
	0°	90°	0°	90°	0°	90°	0°		90°	0°	90°	0°	90°	0°	90°
4,0 m	–	–	–	–	–	–	1060* 810	4,0 m	–	–	–	–	1865* 1505	1795* 920	
3,0 m	–	–	–	–	1010*	780	1025* 585	3,0 m	–	–	–	–	2130* 1425	1760* 765	
2,0 m	–	–	1580*	1150	1185*	730	1045* 490	2,0 m	–	–	–	–	2535* 1290	1760* 690	
1,0 m	–	–	2225*	990	1415*	670	1090* 455	1,0 m	–	–	–	–	2885* 1170	1775* 665	
0,0 m	–	–	2435*	920	1555*	625	1145* 460	0,0 m	–	–	4415*	1630	2995*	1105 1795* 675	
-1,0 m	4070*	1790	2290*	915	1510*	610	1210* 515	-1,0 m	5680*	3485	3990*	1650	2840*	1090 1800* 745	
-2,0 m	3000*	1860	1780*	950	–	–	1255* 705	-2,0 m	4560*	3585	3215*	1715	2345*	1125 1740* 915	

**OPERATING DATA****50Z3<sub>2</sub>****75Z3<sub>2</sub>**

<b>Operating weight</b>	5280–6580 kg	7820–9240 kg
<b>Transport weight</b>	4905–6205 kg	7450–8870 kg

**ENGINE**

<b>Manufacturer / type</b>	Yanmar 4TNV88	Yanmar 4TNV98
<b>Type</b>	water cooled 4-cylinder diesel engine EPA III	water cooled 4-cylinder diesel engine EPA III
<b>Engine performance as ISO</b>	28,1 kW (38,2 PS)	43,7 kW (58,5 PS)
<b>Capacity</b>	2189 cm <sup>3</sup>	3318 cm <sup>3</sup>
<b>Nominal rotation speed</b>	2400 min <sup>-1</sup>	2100 min <sup>-1</sup>
<b>Battery</b>	12 V / 88 Ah	12 V / 88 Ah
<b>Volume of diesel tank</b>	83 l	93 l

**HYDRAULIC SYSTEM**

<b>Pump</b>	Double variable- & double hydraulic gear pump	Double variable- & double variable displacement gear pump
<b>Capacity</b>	2 x 57 + 41,4 + 11,7 l/min	73,3 + 73,3 + 62,7 l/min
<b>Operating pressure for work and drive hydraulics</b>	240 bar	260 bar
<b>Operating pressure of turntable</b>	215 bar	215 bar
<b>Hydraulic oil cooler</b>	Standard	Standard
<b>Hydraulic tank capacity</b>	80 l	99 l

**DRIVING GEAR AND SLEWING GEAR**

<b>2 driving speeds</b>	2,7 km/h, 4,6 km/h	3,2 km/h, 5,0 km/h
<b>Climbing ability</b>	30° (58 %)	30° (58 %)
<b>Width of track</b>	400 mm	450 mm
<b>Number of runners per side</b>	4	5
<b>Ground clearance</b>	305 mm	375 mm
<b>Ground pressure</b>	0,28 kg/cm <sup>2</sup>	0,35 kg/cm <sup>2</sup>
<b>Revolving superstructure revolutions</b>	8,7 min <sup>-1</sup>	8,7 min <sup>-1</sup>

**LEVELLING BLADE**

<b>Width / Height</b>	1990 / 380 mm	2300 / 500 mm
<b>Levelling blade above formation</b>	415 mm	485 mm
<b>Levelling blade below formation</b>	455 mm	480 mm

**NOISE EMISSION**

<b>Sound level (L<sub>wa</sub>) as 2000/14/EG</b>	96 dB(A)	98 dB(A)
<b>Sound pressure level (L<sub>wp</sub>) as ISO 6394</b>	77 dB(A)	77 dB(A)

**A** Projection from the middle of the turntable

**B** Load sling height above ground level

\* Lifting force is restricted hydraulically. All values in the table are given in kg, standing horizontal on hard ground and without bucket. When a bucket or other working tool is attached, the lifting power or tipping load is reduced by their own weight.  
Basis of calculations: as per ISO 10567. The lifting power of the compact excavator is limited by the adjustment of the pressure control valve and by the tipping security. Neither 75 % of the static tipping load nor 87% of the hydraulic lifting power is exceeded.

0°		with levelling blade support in direction of travel
90°		without levelling blade support 90° to direction of travel

**STANDARD EQUIPMENT****50Z3<sub>2</sub> • 75Z3<sub>2</sub>****GENERAL****Rubber****50Z3<sub>2</sub>** 400 mm**75Z3<sub>2</sub>** 450 mm**Dozer blade****Working light mounted to the boom****Tool kit incl. grease gun and operator manual****ENGINE****Water-cooled YANMAR diesel engine****75Z3<sub>2</sub>** Automatic idling**CANOPY****50Z3<sub>2</sub>** Adjustable driver seat with imitation leather cover and safety belt, canopy complies with the current ROPS, TOPS and FOPS\* regulations**CABIN****75Z3<sub>2</sub>** **Safety glass cabin:** Tilttable cabin, cabin heating, side sliding window, top swings back, windscreen wiper and washing system, covered cab interior, cabin complies with the current ROPS, TOPS and FOPS\* regulations**Cabling** for radio incl. aerial and speakers**Cabling** for cab lighting and flashing beacon**HYDRAULIC****Summation regulation****Hydraulic pilot control** via joystick**Valve control according** to ISO, DIN, SAE, PCSA and EURO**Auxiliary hydraulic connection** for two directions of motion, mounted on dipperstick**Auto2-Speed transmission**, dual travel speed operated automatically, 2nd gear manually locked**Hydraulically dampened drive pedals****Hydraulic oil cooler****Increased, depressurized return line** (for several attachments)

\* FOPS (Level I or II) compliant only when fitted with additional protective guard, available as a factory-installed option or as a retrofit kit.

**OPTIONS****50Z3<sub>2</sub> • 75Z3<sub>2</sub>****CABIN****50Z3<sub>2</sub>** **Safety glass cabin:** Tilttable cabin, cabin heating, side sliding window, top swings back, windscreen wiper and washing system, covered cab interior, cabin complies with the current ROPS, TOPS and FOPS\* regulations**Cabling** for radio incl. aerial and speakers**Cabling** for cab lighting and flashing beacon**50Z3<sub>2</sub>** **75Z3<sub>2</sub>** **Air conditioning system****50Z3<sub>2</sub>** **75Z3<sub>2</sub>** **Air cushioned seat****50Z3<sub>2</sub>** **75Z3<sub>2</sub>** **Radio****HYDRAULICS****3rd control circuit** (proport.)**Biological oil Panolin****BP-Biohyd SE46****Flat faced couplers****Proportional control** (aux. hyd)**Addit. piping** for grapple**Overload valve** for auxiliary hydraulic**Overload system** Germany**Overload system** France**Prepar. hydraulic QH-system** (EASY LOCK)**Pilot circuit** Powertilt**PAINTING****Special paint 1 RAL** for parts in yellow only**Special paint 1 non RAL** for parts in yellow only**Special paint cabin RAL**, RAL colours only**MISCELLANEOUS****50Z3<sub>2</sub>** **Vertical Digging System** (VDS)**75Z3<sub>2</sub>** **Hybrid tracks**  
(450 mm)**Steeltrack****50Z3<sub>2</sub>** (400 mm)**75Z3<sub>2</sub>** (450 mm), (600 mm)**Cab lighting** front**Cab lighting** front and rear**Electrical refuelling** pump**Flashing beacon****50Z3<sub>2</sub>** **Automatic idling****Driving signal****Counterweight****50Z3<sub>2</sub>** +300 kg**75Z3<sub>2</sub>** +400 kg**Long dipperstick****50Z3<sub>2</sub>** (+250 mm)**75Z3<sub>2</sub>** (+300 mm)**Central lubrication** system**Security 24 (2000 h)** Warranty extension to 24 months or 2000 operation hours**Security 36 (3000 h)** Warranty extension to 36 months or 3000 operation hours**Drive interlock** KAT**PACKAGES****Mirror package**

Exterior mirror right and left

**Comfort package**

Air conditioning plant, refuelling pump, radio, mirror package, cab lighting front and rear