





EZ17

Tracked Zero Tail excavator

Compact, powerful, and maneuverable

The EZ17 compact excavator is the most powerful zero tail excavator in its class. The large-volume diesel engine, LUDV (Load Sensing System) and an innovative cooling system provide the highest levels of performance and efficiency. The compact and durable design guarantees a long service life. The EZ17 offers the operator an unrestricted field of vision through the roof window.

Highlights

- 100 % Zero Tail
- Canopy can be easily disassembled
- Up to four additional factory-installed control circuits
- Powerful drive system with LUDV
- Swivel bracket

Technical Data

Hydraulic

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Operating pressure hydraulics	240.0 bar	
Flow rate	39.0 l/min	
Tank capacity	21.0	
Mechanical - Output Details		
Nominal rotation speed	2,200.0 1/min	
Gradeability	26.8 %	
Travel speed stage 1	2.6 km/h	
Travel speed stage 2	4.5 km/h	
Mechanical Details		
Length	3,570.0 mm	
Width	990.0 mm	
Height	2,360.0 mm	
Operating weight (minmax.)	1,805.0 - 2,085.0 kg	
Digging depth (max.)	2,326.0 mm	
Engine		
Cooling	Water-cooling	
Engine type	Diesel engine	
Cylinder	3.0	
Cylinder capacity	1,266.0 cm3	

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Effective power	13.4 KW
Nominal Engine speed	2,200.0 1/min
Operating power	13.4 KW
Operating Engine speed	2,200.0 1/min
Starter battery Voltage	12.0 V
Battery capacity (nom. value)	44.0 Ah
Engine Manufacturer	Yanmar
Engine Designation	3TNV80F-SSWN1
Environment Data	
Sound level LpA	79.0 dB(A)
Sound power LWA, measured	93.0 dB(A)
Sound power LWA, guaranteed	93.0 dB(A)
Exhaust gas limit values	EU Stage V
Operating Fluids	
Hydraulic fluid volume	21.0
Chassis	
Traction drive	Axialpistonmotor with RGU
Operating pressure	240.0 bar
Shipping and Storage	
Length for shipping	3,570.0 mm
Width for shipping	990.0 mm

The illustrations, equipment and data shown may deviate from the current delivery program of your country. Optional equipment subject to additional charge may be shown. Subject to changes.

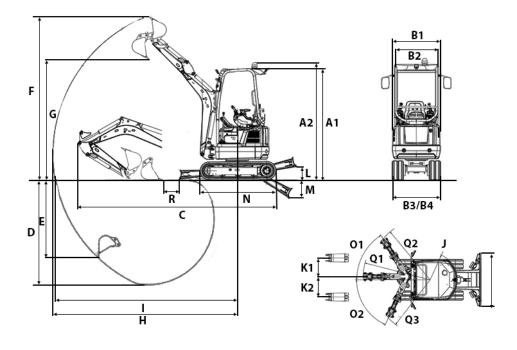
Tank capacity

Available engines

Yanmar 3TNV80F-SSWN1

Cooling	Water-cooling
Engine type	Diesel engine
Cylinder	3
Cylinder capacity	1,266 cm3
Fuel	Diesel EN 590
Effective power	13.4 KW
Nominal Engine speed	2,200 kg/m2s
Maximum torque	65.6 ~
Engine speed (max. torque)	1,600 kg/m2s
Engine Manufacturer	Yanmar
Engine Designation	3TNV80F-SSWN1
Stroke	84 mm
Bore	80 mm

Dimensions



A2 Total height with rotating beacon 2,538 mm B1 Width of cab 884 mm B2 Width of cab 884 mm B3 Width travel gear 1,300 mm B4 Width travel gear retracted 990 mm C2 Transport length long shovel arm 3,581 mm C3 Transport length long shovel arm 3,581 mm D2 Digging depth max., long shovel arm 2,326 mm D3 Digging depth max., short shovel arm 2,486 mm E2 Pilercing depth max., short shovel arm 1,713 mm E3 Pilercing depth max., short shovel arm 3,462 mm F2 Pilercing height max., long shovel arm 3,576 mm F3 Pilercing height max., long shovel arm 3,576 mm G2 Dumping height max., long shovel arm 2,550 mm F3 Pilercing height max., long shovel arm 2,550 mm H2 Digging radius max., short shovel arm 3,899 mm H3 Digging radius max., long shovel arm 2,550 mm H2 Digging radius max., long shovel arm 3,898 mm<	A1	Height of canopy	2,362 mm
B2 Width of ab 884 mm B3 Width travel gear 1,300 mm B4 Width travel gear retracted 990 mm C2 Transport length long shovel arm 3,584 mm C3 Transport length long shovel arm 2,326 mm D2 Digging depth max., short shovel arm 2,326 mm D3 Digging depth max., short shovel arm 2,486 mm E2 Piercing depth max., long shovel arm 1,713 mm E3 Piercing depth max., short shovel arm 3,462 mm F2 Piercing height max., short shovel arm 3,576 mm F2 Piercing height max., long shovel arm 2,436 mm F2 Piercing height max., long shovel arm 2,436 mm F3 Piercing height max., long shovel arm 2,450 mm F4 Digging radius max., long shovel arm 2,550 mm F3 Digging radius max., long shovel arm 3,899 mm F4 Digging radius max., long shovel arm 3,899 mm F3 Digging radius max., long shovel arm 4,050 mm F2 Max. reach at ground level (long shovel	A2	Total height with rotating beacon	2,538 mm
B3 Width travel gear etracted 1,300 mm B4 Width travel gear retracted 990 mm C2 Transport length short shovel arm 3,584 mm C3 Transport length short shovel arm 2,326 mm D2 Digging depth max., short shovel arm 2,486 mm D3 Digging depth max., long shovel arm 2,486 mm E2 Piercing depth max., long shovel arm 1,713 mm E3 Piercing height max., short shovel arm 3,462 mm F2 Piercing height max., short shovel arm 3,462 mm G2 Dumping height max., short shovel arm 2,436 mm G3 Dumping height max., short shovel arm 2,436 mm G3 Dumping height max., long shovel arm 3,899 mm H2 Digging radius max., long shovel arm 4,050 mm 12 Max. reach at ground level (short shovel arm) 3,848 mm 13 Max. reach at ground level (long shovel arm) 4,002 mm J1 Tail swing radius 660 mm K1 Boom offset max. (to center of bucket left side) 533 mm K2	B1	Width of upper carriage	990 mm
B4 Width travel gear retracted 990 mm C2 Transport length short shovel arm 3,584 mm C3 Transport length long shovel arm 3,551 mm D2 Digging depth max, short shovel arm 2,326 mm D3 Digging depth max, short shovel arm 1,713 mm E2 Piercing depth max, short shovel arm 1,863 mm E3 Piercing beight max, short shovel arm 3,462 mm F3 Piercing beight max, short shovel arm 3,576 mm G2 Dumping height max, short shovel arm 2,436 mm G3 Dumping height max, short shovel arm 2,456 mm H2 Digging radius max, short shovel arm 3,899 mm H3 Digging radius max, short shovel arm 3,899 mm H3 Digging radius max, short shovel arm 3,848 mm 12 Max. reach at ground level (short shovel arm) 3,848 mm 13 Max. reach at ground level (short shovel arm) 3,848 mm 13 Max. reach at ground level (song shovel arm) 4,002 mm K1 Boon offset max. (to center of bucket left side) 533 mm	B2	Width of cab	884 mm
C2 Transport length short shovel arm 3,584 mm C3 Transport length long shovel arm 3,551 mm D2 Digging depth max., short shovel arm 2,326 mm D3 Digging depth max., short shovel arm 1,713 mm E2 Piercing depth max., long shovel arm 1,863 mm E3 Piercing height max., short shovel arm 3,462 mm F2 Piercing height max., long shovel arm 3,576 mm G2 Dumping height max., long shovel arm 2,436 mm G3 Dumping height max., short shovel arm 2,456 mm H2 Digging radius max., long shovel arm 3,899 mm H3 Digging radius max., long shovel arm 3,899 mm H3 Digging radius max., long shovel arm 4,050 mm I2 Max. reach at ground level (short shovel arm) 3,848 mm I3 Max. reach at ground level (long shovel arm) 4,002 mm K1 Boom offset max. (to center of bucket right side) 533 mm K2 Boom offset max. (to center of bucket left side) 418 mm L1 Stacking height max. (dozer blade above surface) 390 mm N1 Length tavel drive <	В3	Width travel gear	1,300 mm
C3 Transport length long shovel arm 3,551 mm D2 Digging depth max., short shovel arm 2,326 mm D3 Digging depth max., long shovel arm 2,486 mm E2 Piercing depth max., short shovel arm 1,713 mm E3 Piercing depth max., short shovel arm 3,682 mm F2 Piercing height max., short shovel arm 3,576 mm F3 Piercing height max., long shovel arm 2,436 mm G2 Dumping height max., long shovel arm 2,436 mm G3 Dumping height max., short shovel arm 3,899 mm H2 Digging radius max., short shovel arm 3,899 mm H3 Digging radius max., short shovel arm 3,848 mm I2 Max. reach at ground level (short shovel arm) 3,848 mm I3 Max. reach at ground level (long shovel arm) 4,050 mm K1 Boom offset max. (to center of bucket right side) 533 mm K2 Boom offset max. (to center of bucket left side) 418 mm L1 Stacking height max. (dozer blade above surface) 271 mm M1 Digging depth max. (dozer blade below surface) 390 mm N1 Length travel dri	B4	Width travel gear retracted	990 mm
D2 Digging depth max., short shovel arm 2,326 mm D3 Digging depth max., long shovel arm 2,486 mm E2 Piercing depth max., short shovel arm 1,713 mm E3 Piercing depth max., long shovel arm 1,863 mm F2 Piercing height max., short shovel arm 3,462 mm G2 Dumping height max., short shovel arm 2,436 mm G3 Dumping height max., short shovel arm 2,550 mm H2 Digging radius max., short shovel arm 3,899 mm H3 Digging radius max., long shovel arm 4,050 mm I2 Max. reach at ground level (short shovel arm) 3,848 mm I3 Max. reach at ground level (long shovel arm) 4,002 mm I4 Boom offset max. (to center of bucket right side) 533 mm K2 Boom offset max. (to center of bucket left side) 418 mm L1 Stacking height max. (dozer blade above surface) 390 mm N1 Digging depth max. (dozer blade below surface) 390 mm N1 Length travel drive 1,607 mm O1 Max. swivel angle (arm system to the left)	C2	Transport length short shovel arm	3,584 mm
D3Digging depth max., long shovel arm2,486 mmE2Piercing depth max., short shovel arm1,713 mmE3Piercing depth max., long shovel arm3,462 mmF2Piercing height max., short shovel arm3,576 mmF3Piercing height max., long shovel arm2,436 mmG2Dumping height max., short shovel arm2,436 mmG3Dumping height max., long shovel arm2,550 mmH2Digging radius max., short shovel arm3,899 mmH3Digging radius max., short shovel arm4,050 mmI2Max. reach at ground level (short shovel arm)3,848 mmI3Max. reach at ground level (short shovel arm)4,002 mmJ1Tail swing radius660 mmK1Boom offset max. (to center of bucket right side)533 mmK2Boom offset max. (to center of bucket left side)418 mmL1Stacking height max. (dozer blade above surface)271 mmM1Digging depth max. (dozer blade below surface)390 mmN1Length travel drive1,607 mmO1Max. swivel angle (arm system to the left)65°O2Max. swivel angle (arm system to the right)57°Q1Boom swing radius center1,627 mmQ2Boom swing radius left1,519 mmQ3Boom swing radius left1,372 mm	C3	Transport length long shovel arm	3,551 mm
E2 Piercing depth max., short shovel arm 1,713 mm E3 Piercing depth max., long shovel arm 1,863 mm F2 Piercing height max., short shovel arm 3,462 mm F3 Piercing height max., short shovel arm 2,436 mm G2 Dumping height max., long shovel arm 2,550 mm H2 Digging radius max., short shovel arm 3,889 mm H3 Digging radius max., long shovel arm 4,050 mm I2 Max. reach at ground level (short shovel arm) 3,848 mm I3 Max. reach at ground level (long shovel arm) 4,002 mm J1 Tail swing radius 660 mm K1 Boom offset max. (to center of bucket right side) 533 mm K2 Boom offset max. (to center of bucket left side) 418 mm L1 Stacking height max. (dozer blade above surface) 271 mm M1 Digging depth max. (dozer blade below surface) 390 mm N1 Length travel drive 1,607 mm O1 Max. swivel angle (arm system to the left) 65° O2 Max. swivel angle (arm system to the right) 57° Q1 Boom swing radius center 1,627 mm<	D2	Digging depth max., short shovel arm	2,326 mm
E3 Piercing depth max., long shovel arm 1,863 mm F2 Piercing height max., short shovel arm 3,462 mm F3 Piercing height max., long shovel arm 2,436 mm G2 Dumping height max., short shovel arm 2,550 mm H2 Digging radius max., short shovel arm 3,899 mm H3 Digging radius max., long shovel arm 4,050 mm I2 Max. reach at ground level (short shovel arm) 3,848 mm I3 Max. reach at ground level (long shovel arm) 4,002 mm J1 Tail swing radius 660 mm K1 Boom offset max. (to center of bucket right side) 533 mm K2 Boom offset max. (to center of bucket left side) 418 mm L1 Stacking height max. (dozer blade above surface) 271 mm M1 Digging depth max. (dozer blade above surface) 390 mm N1 Length travel drive 1,607 mm O1 Max. swivel angle (arm system to the left) 65° O2 Max. swivel angle (arm system to the right) 57° Q1 Boom swing radius center 1,627 mm <tr< td=""><td>D3</td><td>Digging depth max., long shovel arm</td><td>2,486 mm</td></tr<>	D3	Digging depth max., long shovel arm	2,486 mm
F2 Piercing height max., short shovel arm 3,462 mm F3 Piercing height max., long shovel arm 3,576 mm G2 Dumping height max., short shovel arm 2,436 mm G3 Dumping height max., long shovel arm 2,550 mm H2 Digging radius max., short shovel arm 3,899 mm H3 Digging radius max., long shovel arm 4,050 mm I2 Max. reach at ground level (short shovel arm) 3,848 mm I3 Max. reach at ground level (long shovel arm) 4,002 mm J1 Tail swing radius 660 mm K1 Boom offset max. (to center of bucket right side) 533 mm K2 Boom offset max. (to center of bucket left side) 418 mm L1 Stacking height max. (dozer blade above surface) 271 mm M1 Digging depth max. (dozer blade below surface) 390 mm N1 Length travel drive 1,607 mm O1 Max. swivel angle (arm system to the left) 65° O2 Max. swivel angle (arm system to the right) 57° Q1 Boom swing radius center 1,627 mm Q2 Boom swing radius left 1,519 mm	E2	Piercing depth max., short shovel arm	1,713 mm
F3Piercing height max., long shovel arm3,576 mmG2Dumping height max., short shovel arm2,436 mmG3Dumping height max., long shovel arm2,550 mmH2Digging radius max., short shovel arm3,899 mmH3Digging radius max., long shovel arm4,050 mmI2Max. reach at ground level (short shovel arm)3,848 mmI3Max. reach at ground level (long shovel arm)4,002 mmJ1Tail swing radius660 mmK1Boom offset max. (to center of bucket right side)533 mmK2Boom offset max. (to center of bucket left side)418 mmL1Stacking height max. (dozer blade above surface)271 mmM1Digging depth max. (dozer blade below surface)390 mmN1Length travel drive1,807 mmO1Max. swivel angle (arm system to the left)65°O2Max. swivel angle (arm system to the right)57°Q1Boom swing radius center1,627 mmQ2Boom swing radius right1,519 mmQ3Boom swing radius left1,372 mm	E3	Piercing depth max., long shovel arm	1,863 mm
G2Dumping height max., short shovel arm2,436 mmG3Dumping height max., long shovel arm2,550 mmH2Digging radius max., short shovel arm3,899 mmH3Digging radius max., long shovel arm4,050 mmI2Max. reach at ground level (short shovel arm)3,848 mmI3Max. reach at ground level (long shovel arm)4,002 mmJ1Tail swing radius660 mmK1Boom offset max. (to center of bucket right side)533 mmK2Boom offset max. (to center of bucket left side)418 mmL1Stacking height max. (dozer blade above surface)271 mmM1Digging depth max. (dozer blade below surface)390 mmN1Length travel drive1,607 mmO1Max. swivel angle (arm system to the left)65°O2Max. swivel angle (arm system to the right)57°Q1Boom swing radius center1,627 mmQ2Boom swing radius right1,519 mmQ3Boom swing radius left1,372 mm	F2	Piercing height max., short shovel arm	3,462 mm
G3Dumping height max., long shovel arm2,550 mmH2Digging radius max., short shovel arm3,899 mmH3Digging radius max., long shovel arm4,050 mmI2Max. reach at ground level (short shovel arm)3,848 mmI3Max. reach at ground level (long shovel arm)4,002 mmJ1Tail swing radius660 mmK1Boom offset max. (to center of bucket right side)533 mmK2Boom offset max. (to center of bucket left side)418 mmL1Stacking height max. (dozer blade above surface)271 mmM1Digging depth max. (dozer blade above surface)390 mmN1Length travel drive1,607 mmO1Max. swivel angle (arm system to the left)65°O2Max. swivel angle (arm system to the right)57°Q1Boom swing radius center1,627 mmQ2Boom swing radius right1,519 mmQ3Boom swing radius left1,372 mm	F3	Piercing height max., long shovel arm	3,576 mm
H2Digging radius max., short shovel arm3,899 mmH3Digging radius max., long shovel arm4,050 mmI2Max. reach at ground level (short shovel arm)3,848 mmI3Max. reach at ground level (long shovel arm)4,002 mmJ1Tail swing radius660 mmK1Boom offset max. (to center of bucket right side)533 mmK2Boom offset max. (to center of bucket left side)418 mmL1Stacking height max. (dozer blade above surface)271 mmM1Digging depth max. (dozer blade below surface)390 mmN1Length travel drive1,607 mmO1Max. swivel angle (arm system to the left)65°O2Max. swivel angle (arm system to the right)57°Q1Boom swing radius center1,627 mmQ2Boom swing radius right1,519 mmQ3Boom swing radius left1,372 mm	G2	Dumping height max., short shovel arm	2,436 mm
H3 Digging radius max., long shovel arm 12 Max. reach at ground level (short shovel arm) 13 Max. reach at ground level (long shovel arm) 3,848 mm 14 Max. reach at ground level (long shovel arm) 4,002 mm 5 Tail swing radius 660 mm 61 Boom offset max. (to center of bucket right side) 533 mm 62 Boom offset max. (to center of bucket left side) 418 mm 63 L1 Stacking height max. (dozer blade above surface) 75 Max. swivel angle (arm system to the left) 76 Max. swivel angle (arm system to the right) 76 Max. swivel angle (arm system to the right) 77 Max. swivel angle (arm system to the right) 78 Boom swing radius center 79 Boom swing radius right 70 Boom swing radius left 70 Boom swing radius left 70 In 1,372 mm	G3	Dumping height max., long shovel arm	2,550 mm
12Max. reach at ground level (short shovel arm)3,848 mm13Max. reach at ground level (long shovel arm)4,002 mmJ1Tail swing radius660 mmK1Boom offset max. (to center of bucket right side)533 mmK2Boom offset max. (to center of bucket left side)418 mmL1Stacking height max. (dozer blade above surface)271 mmM1Digging depth max. (dozer blade below surface)390 mmN1Length travel drive1,607 mmO1Max. swivel angle (arm system to the left)65°O2Max. swivel angle (arm system to the right)57°Q1Boom swing radius center1,627 mmQ2Boom swing radius right1,519 mmQ3Boom swing radius left1,372 mm	H2	Digging radius max., short shovel arm	3,899 mm
13Max. reach at ground level (long shovel arm)4,002 mmJ1Tail swing radius660 mmK1Boom offset max. (to center of bucket right side)533 mmK2Boom offset max. (to center of bucket left side)418 mmL1Stacking height max. (dozer blade above surface)271 mmM1Digging depth max. (dozer blade below surface)390 mmN1Length travel drive1,607 mmO1Max. swivel angle (arm system to the left)65°O2Max. swivel angle (arm system to the right)57°Q1Boom swing radius center1,627 mmQ2Boom swing radius right1,519 mmQ3Boom swing radius left1,372 mm	НЗ	Digging radius max., long shovel arm	4,050 mm
J1Tail swing radius660 mmK1Boom offset max. (to center of bucket right side)533 mmK2Boom offset max. (to center of bucket left side)418 mmL1Stacking height max. (dozer blade above surface)271 mmM1Digging depth max. (dozer blade below surface)390 mmN1Length travel drive1,607 mmO1Max. swivel angle (arm system to the left)65°O2Max. swivel angle (arm system to the right)57°Q1Boom swing radius center1,627 mmQ2Boom swing radius right1,519 mmQ3Boom swing radius left1,372 mm	12	Max. reach at ground level (short shovel arm)	3,848 mm
K1 Boom offset max. (to center of bucket right side) K2 Boom offset max. (to center of bucket left side) L1 Stacking height max. (dozer blade above surface) M1 Digging depth max. (dozer blade below surface) N1 Length travel drive O1 Max. swivel angle (arm system to the left) O2 Max. swivel angle (arm system to the right) Q1 Boom swing radius center Q2 Boom swing radius right Q3 Boom swing radius left S33 mm 418 mm 271 mm 636 ° 650 ° 701 Boom swing radius center 1,627 mm 1,519 mm 1,372 mm	13	Max. reach at ground level (long shovel arm)	4,002 mm
K2Boom offset max. (to center of bucket left side)418 mmL1Stacking height max. (dozer blade above surface)271 mmM1Digging depth max. (dozer blade below surface)390 mmN1Length travel drive1,607 mmO1Max. swivel angle (arm system to the left)65 °O2Max. swivel angle (arm system to the right)57 °Q1Boom swing radius center1,627 mmQ2Boom swing radius right1,519 mmQ3Boom swing radius left1,372 mm	J1	Tail swing radius	660 mm
L1 Stacking height max. (dozer blade above surface) M1 Digging depth max. (dozer blade below surface) N1 Length travel drive O1 Max. swivel angle (arm system to the left) O2 Max. swivel angle (arm system to the right) O3 Boom swing radius center Q2 Boom swing radius right Q3 Boom swing radius left 271 mm 497 mm 598 mm 271 mm 499 mm 490	K1	Boom offset max. (to center of bucket right side)	533 mm
M1Digging depth max. (dozer blade below surface)390 mmN1Length travel drive1,607 mmO1Max. swivel angle (arm system to the left)65°O2Max. swivel angle (arm system to the right)57°Q1Boom swing radius center1,627 mmQ2Boom swing radius right1,519 mmQ3Boom swing radius left1,372 mm	K2	Boom offset max. (to center of bucket left side)	418 mm
N1 Length travel drive 1,607 mm O1 Max. swivel angle (arm system to the left) 65° O2 Max. swivel angle (arm system to the right) 57° Q1 Boom swing radius center 1,627 mm Q2 Boom swing radius right 1,519 mm Q3 Boom swing radius left 1,372 mm	L1	Stacking height max. (dozer blade above surface)	271 mm
O1 Max. swivel angle (arm system to the left) O2 Max. swivel angle (arm system to the right) O3 Boom swing radius center O4 Boom swing radius right O5 Structure	M1	Digging depth max. (dozer blade below surface)	390 mm
O2 Max. swivel angle (arm system to the right) 57° Q1 Boom swing radius center 1,627 mm Q2 Boom swing radius right 1,519 mm Q3 Boom swing radius left 1,372 mm	N1	Length travel drive	1,607 mm
Q1 Boom swing radius center 1,627 mm Q2 Boom swing radius right 1,519 mm Q3 Boom swing radius left 1,372 mm	01	Max. swivel angle (arm system to the left)	65 °
Q2 Boom swing radius right 1,519 mm Q3 Boom swing radius left 1,372 mm	02	Max. swivel angle (arm system to the right)	57 °
Q3 Boom swing radius left 1,372 mm	Q1	Boom swing radius center	1,627 mm
	Q2	Boom swing radius right	1,519 mm
R2 Distance bucket dozer blade, long shovel arm 332 mm	Q3	Boom swing radius left	1,372 mm
	R2	Distance bucket dozer blade, long shovel arm	332 mm