

# C SERIES COMPACT EXCAVATORS

E17C | E26C | E33C | E37C | E57C | E60C



# More power. More productivity. More value.

Make the most of every minute of your day with the power, performance and versatility of New Holland C Series compact excavators. Their compact design and zero/short tail swing mean you can dig, fill and grade in confined areas like next to buildings, footings and foundations, and in congested work sites like roadways and urban areas. You can offset the excavator boom left or right within the operating range to match the situation.

## MORE SELECTION. MORE POWER.

New Holland offers you a broad model offering with six models from 1.7 to 6.0 tons. All models offer an increase in horsepower compared to previous models, powered by quiet, fuel-efficient Tier 4 Final engines up to 66.9 horsepower – the highest engine power in this class.

## BIG DIGGING AND GRADING PERFORMANCE

With SAE bucket breakout forces up to 8,490 lbf and dig depth up to 12.5 feet, C Series excavators put big digging power in restricted areas. They offer top-of-class ground clearance and excellent dozer blade lift height for maneuvering and working in rough conditions. The E17C features a variable undercarriage that retracts for entry through tight egresses and then extends for stability.

**Zero Tail Swing (ZTS)** – E17C, E26C, E33C, E37C short-arm models

**Reduced Tail Swing (RTS)** – E17C, E26C, E33C, E37C long-arm models

**Conventional Tail Swing** (19-inch overhang) – E57C

**Minimal Tail Swing** (3.5-inch overhang) – E60C

## EXCELLENT ALL-AROUND STABILITY

The rail and interlocking type track used on C Series excavators leads to less wear, and provides more contact points for all-around track stability.

## AUTOMATIC SHIFTING

New Holland's Auto Shift traveling system automatically downshifts when load increases to enhance travel torque on slopes and in difficult conditions, then shifts back up to secure a faster travel speed after the load decreases. The Auto Idle system improves fuel efficiency by automatically decreasing engine RPM when you are not using the operating levers.

## TRANSPORT AND SECURITY

All C Series models were made to be moved. Thoughtfully placed tie down holes are provided for safe transportation. The ESL (Engine Start Limit) System requires a passcode to start the engine to deter theft. You can also set the time permitted between engine starts.



Separate circuits on the E57C and E60C with optional second auxiliary 2-way circuit and optional hydraulic quick-attach provision.





### COMFORTABLE, EASY OPERATION.

Operator productivity has *everything* to do with a comfortable work environment. The C Series cab is wide, spacious and stress-free with excellent all-around visibility, ergonomic controls and adjustable seating. The instrument cluster is easy to read, and the touchscreen monitor in the E57C and E60C is intuitive to use. The E17C features a 2-post canopy, while the E26C, E33C and E37C feature a 4-post canopy with slim tubing or enclosed cab. The E57C and E60C feature upper roof glass with roller shade for even better upward visibility, hands-free mobile phone/Bluetooth system and an optional rear camera. Optional features on all models include a lifting hook and thumb bracket, and a proportional control switch on the right control stick.

### SERVICING? NO SWEAT!

You can take advantage of maximum uptime because New Holland has made service simple. Service doors, covers and hoods open for complete access. The largest model – the E60C – also features a tilting cab for even greater access. No matter which model you choose, you'll find fluids are easy to check and undercarriages easy to clean. A centralized grease bank for boom swing, swing bearings and swing gear simplifies and speeds up lubrication. Quality components and extended service hours also reduce maintenance needs.

- Bushings designed for extended lube intervals (250 hrs)
- Extended-Life Hydraulic Filters (1000 hrs)
- Long-Life Hydraulic Oil (2000 hrs)
- Polymer Shims resist wear and reduce noise
- Covers protect bucket, stick and boom cylinders from impact



OPERATOR STATION	E17C	E26C	E33C	E37C	E57C	E60C
	ROPS with 2-post canopy	ROPS with 4-post canopy <b>or</b> Enclosed Cab	ROPS with 4-post canopy	ROPS with 4-post canopy <b>or</b> Enclosed Cab	Enclosed Cab	Enclosed Cab

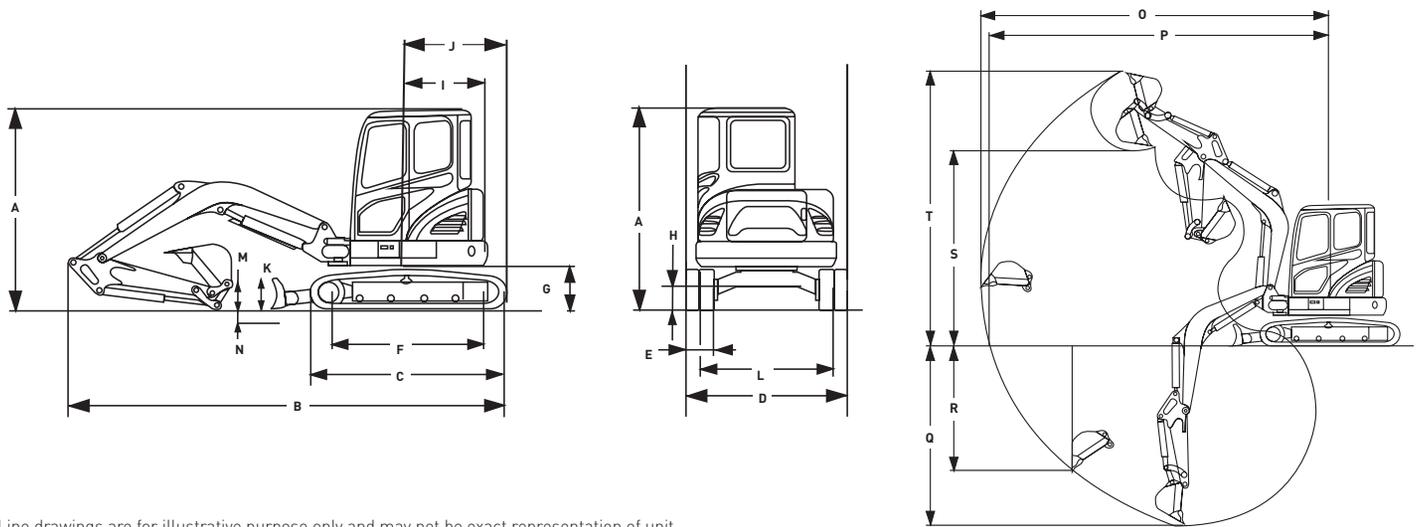
ENGINE	E17C	E26C	E33C	E37C	E57C	E60C
Model	Kubota D902	Kubota D1305	Yanmar 3TNV88F-ESHYB	Yanmar 3TNV88F-ESHYB	Yanmar 4TNV98C	Yanmar 4TNV98C
Emissions Certification	Tier 4 Final	Tier 4 Final	Tier 4 Final	Tier 4 Final	Tier 4 Final	Tier 4 Final
Fuel	Diesel	Diesel	Diesel	Diesel	Diesel	Diesel
Cylinders	3	3	3	3	4	4
Displacement	54.8 in <sup>3</sup> (898 cc)	77.0 in <sup>3</sup> (1261 cc)	100.2 in <sup>3</sup> (1642 cc)	100.2 in <sup>3</sup> (1642 cc)	203 in <sup>3</sup> (3319 cc)	203 in <sup>3</sup> (3319 cc)
Fuel injection	Mechanical	Mechanical	Mechanical with electronic governor	Mechanical with electronic governor	Electronic common rail	Electronic common rail
Gross horsepower – SAE J1995	16.8 hp (12.5 kW) @2300 RPM	24.8 hp (18.5 kW) @2400 RPM	24.4 hp (18.2 kW) @2200 RPM	24.4 hp (18.2 kW) @2200 RPM	66.9 hp (49.9 kW) @2400 RPM	64.7 hp (48.3 kW) @2200 RPM
Cooling	Water-cooled	Water-cooled	Water-cooled	Water-cooled	Water-cooled	Water-cooled

DRIVETRAIN	E17C	E26C	E33C	E37C	E57C	E60C
Travel speeds:						
1st	1.4 mph (2.2 kph)	1.5 mph (2.4 kph)	1.5 mph (2.4 kph)	1.6 mph (2.5 kph)	1.4 mph (2.2 kph)	1.4 mph (2.2 kph)
2nd	2.5 mph (4.1 kph)	2.7 mph (4.3 kph)	2.6 mph (4.2 kph)	2.6 mph (4.2 kph)	2.6 mph (4.2 kph)	2.5 mph (4.0 kph)
Maximum traction force	3,130 lbf (13.9 kN)	5,283 lbf (23.5 kN)	6,835 lbf (30.4 kN)	6,835 lbf (30.4 kN)	11,680 lbf (52kN)	11,680 lbf (52kN)
Gradeability	30° (58%)	30° (58%)	30° (58%)	30° (58%)	35° (70%)	35° (70%)
Ground pressure	ROPS - 3.98 psi	ROPS - 4.3 psi CAB - 4.6 psi	ROPS - 3.98 psi	ROPS - N/A CAB - 4.83 psi	CAB - 4.69 psi	CAB - 4.83 psi

SERVICE CAPACITIES	E17C	E26C	E33C	E37C	E57C	E60C
Fuel tank	5.3 gal (20 L)	7.9 gal (30 L)	7.9 gal (30 L)	10.5 gal (40 L)	31.7 gal (120 L)	21.7 gal (82 L)
Hydraulic tank:						
Refill capacity	3.4 gal (13 L)	7.1 gal (27 L)	7.1 gal (27 L)	9.8 gal (37 L)	18.5 gal (70 L)	15.9 gal (60 L)
Total system	6.1 gal (23 L)	14.5 gal (55 L)	14.5 gal (55 L)	15.9 gal (60 L)	31.7 gal (120 L)	29.1 gal (110 L)
Engine oil w/ filter change	1.0 gal (3.7 L)	1.5 gal (5.7 L)	1.8 gal (6.7 L)	1.8 gal (6.7 L)	3.1 gal (11.6 L)	3.1 gal (11.6 L)
Radiator	0.9 gal (3.5 L)	1.3 gal (5 L)	1.5 gal (5.5 L)	1.5 gal (5.5 L)	2.5 gal (9.5 L)	2.9 gal (11 L)



The E17C, E26C, E33C and E37C feature a standard hammer circuit and selectable 2-way auxiliary hydraulics.



Line drawings are for illustrative purpose only and may not be exact representation of unit.

DIMENSIONS	E17C	E26C	E33C	E37C	E57C	E60C
<b>Arm (standard length)</b>	<b>3 ft 2 in (0.96 m)</b>	<b>3 ft 8 in (1.12 m)</b>	<b>4 ft 3 in (1.3 m)</b>	<b>4 ft 3 in (1.3 m)</b>	<b>5 ft 3 in (1.6 m)</b>	<b>4 ft 10 in (1.48 m)</b>
A. Overall height	7 ft 7 in (2320 mm)	8 ft 2 in (2500 mm)	8 ft 2 in (2500 mm)	8 ft 2 in (2500 mm)	8 ft 4 in (2550 mm)	8 ft 4 in (2550 mm)
B. Overall transport length	11 ft 5 in (3480 mm)	13 ft 3 in (4030 mm)	15 ft 3 in (4640 mm)	15 ft 9 in (4790 mm)	19 ft 4 in (5900 mm)	18 ft 3 in (5600 mm)
C. Track overall length	5 ft 3 in (1590 mm)	6 ft 3 in (1910 mm)	7 ft 0 in (2130 mm)	7 ft 0 in (2130 mm)	8 ft 4 in (2530 mm)	8 ft 4 in (2530 mm)
D. Track overall width	3 ft 3 in (990 mm)	4 ft 11 in (1500 mm)	5 ft 1 in (1550 mm)	5 ft 9 in (1740 mm)	6 ft 2 in (1800 mm)	6 ft 6 in (1990 mm)
E. Track shoe width	9.0 in (230 mm)	9.8 in (250 mm)	12 in (300 mm)	12 in (300 mm)	15 in (380 mm)	15 in (380 mm)
F. Center to center – idler to sprocket	4 ft 0 in (1230 mm)	4 ft 11 in (1490 mm)	5 ft 7 in (1700 mm)	5 ft 7 in (1700 mm)	6 ft 6 in (1990 mm)	6 ft 6 in (1990 mm)
G. Upper structure ground clearance	1 ft 5 in (440 mm)	1 ft 8 in (510 mm)	1 ft 9 in (540 mm)	1 ft 9 in (540 mm)	2 ft 3 in (690 mm)	2 ft 2 in (660 mm)
H. Minimum ground clearance	6.7 in (170 mm)	11 in (290 mm)	11 in (290 mm)	11 in (290 mm)	1 ft 3 in (380 mm)	1 ft 3 in (380 mm)
I. Tail swing radius	2 ft 1 in (645 mm)	2 ft 7 in (775 mm)	2 ft 7 in (775 mm)	2 ft 10 in (870 mm)	5 ft 5 in (1650 mm)	3 ft 7 in (1080 mm)
Boom swing	70° left/54° right	75° left/50° right	75° left/50° right	75° left/50° right	80° left/50° right	70° left/50° right
J. Tail swing overhang	0 ft 0 in (0 mm)	0 ft 0 in (0 mm)	0 ft 0 in (0 mm)	0 ft 0 in (0 mm)	1 ft 7 in (490 mm)	3.5 in (90 mm)
Operating weight	Canopy: 3,910 lb (1775 kg)	Canopy: 5,520 lb (2505 kg) Cab: 5,850 lb (2655 kg)	Canopy: 7,110 lb (3225 kg)	Canopy: 7,990 lb (3625 kg) Cab: 8,300 lb (3765 kg)	Cab: 12,050 lb (5465 kg)	Cab: 12,940 lb (5870 kg)
NOTE: with operator, full fuel and standard equipment.						

BLADE SPECS	E17C	E26C	E33C	E37C	E57C	E60C
K. Backfill blade height	9.8 in (250 mm)	1 ft 0 in (300 mm)	1 ft 1 in (330 mm)	1 ft 3 in (370 mm)	1 ft 2 in (350 mm)	1 ft 2 in (350 mm)
L. Backfill blade width	3 ft 3 in (990 mm)	5 ft (1500 mm)	5 ft 1 in (1550 mm)	5 ft 9 in (1740 mm)	6 ft 2 in (1880 mm)	6 ft 6 in (1990 mm)
M. Backfill blade rise above ground	11.2 in (285 mm)	1 ft 1 in (330 mm)	1 ft 4 in (400 mm)	1 ft 3 in (375 mm)	1 ft 3 in (390 mm)	8 in (200 mm)
N. Backfill blade dig depth	8.9 in (225 mm)	1 ft 3 in (380 mm)	1 ft 5 in (435 mm)	1 ft 3 in (390 mm)	1 ft 11 in (590 mm)	2 ft 4 in (700 mm)

PERFORMANCE SPECS	E17C	E26C	E33C	E37C	E57C	E60C
O. Maximum dig radius	12 ft 10 in (3900 mm)	14 ft 8 in (4480 mm)	17 ft 0 in (5180 mm)	17 ft 5 in (5315 mm)	20 ft 2 in (6150 mm)	25 ft 5 in (6150 mm)
P. Dig radius at groundline	12 ft 6 in (3800 mm)	14 ft 3 in (4340 mm)	16 ft 7 in (5060 mm)	17 ft 1 in (5200 mm)	19 ft 9 in (6010 mm)	24 ft 11 in (6010 mm)
Q. Maximum dig depth	7 ft 3 in (2200 mm)	7 ft 11 in (2420 mm)	9 ft 11 in (3035 mm)	10 ft 3 in (3135 mm)	12 ft 6 in (3820 mm)	11 ft 9 in (3570 mm)
R. Vertical straight wall dig depth	4 ft 4 in (1320 mm)	4 ft 9 in (1460 mm)	6 ft 8 in (2030 mm)	7 ft 2 in (2190 mm)	10 ft 6 in (3200 mm)	10 ft 0 in (3040 mm)
S. Dump height	8 ft 5 in (2570 mm)	9 ft 7 in (2930 mm)	10 ft 9 in (3275 mm)	11 ft 3 in (3425 mm)	13 ft 3 in (4050 mm)	12 ft 10 in (3930 mm)
T. Overall reach height	11 ft 9 in (3580 mm)	13 ft 7 in (4150 mm)	15 ft 3 in (4650 mm)	15 ft 9 in (4810 mm)	19 ft 0 in (5780 mm)	18 ft 8 in (5680 mm)
Arm digging force – ISO	1,920 lbf (870 kgf/8.5 kN)	3,280 lbf (1490 kgf/14.6 kN)	4,390 lbf (1990 kgf/19.5 kN)	4,390 lbf (1990 kgf/19.5 kN)	7,190 lbf (3260 kgf/31.9 kN)	5,950 lbf (2700 kgf/26.5 kN)
Bucket digging force – ISO	3,490 lbf (1580 kgf/15.5 kN)	4,740 lbf (2150 kgf/21.1 kN)	6,900 lbf (3130 kgf/30.7 kN)	6,900 lbf (3130 kgf/30.7 kN)	9,550 lbf (4330 kgf/42.4 kN)	9,190 lbf (4170 kgf/40.9 kN)

Specifications continued on back

ELECTRICAL	E17C	E26C	E33C	E37C	E57C	E60C
Voltage	12 Volts	12 Volts	12 Volts	12 Volts	12 Volts	12 Volts
Alternator rating	40 amp	40 amp	55 amp	55 amp	60 amp	80 amp
Battery	1 x 12 V x 45 Ah 420 CCA	1 x 12 V x 58 Ah 680 CCA	1 x 12 V x 70 Ah 750 CCA	1 x 12 V x 70 Ah 750 CCA	1 x 12 V x 100 Ah	1 x 12 V x 100 Ah

HYDRAULICS	E17C	E26C	E33C	E37C	E57C	E60C
Main pumps	Variable displacement tandem axial piston pump + gear pump	Variable displacement tandem axial piston pump	Variable displacement tandem axial piston pump	Variable displacement tandem axial piston pump	Variable displacement tandem axial piston pump	Variable displacement tandem axial piston pump
Max. rated flow x2	5 + 3 gpm (18.8 + 11.3 L/min)	7.3 gpm (27.6 L/min)	9.9 gpm (37.4 L/min)	9.9 gpm (37.4 L/min)	15.3 gpm (57.8 L/min)	14.5 gpm (55 L/min)
Auxiliary flow	7.2 gpm @ 2,466 psi (27.4 L/min @ 170 bar)	12.5 gpm @ 2,538 psi (47.2 L/min @ 175 bar)	16.0 gpm @ 2,973 psi (60.5 L/min @ 205 bar)	16.0 gpm @ 2,973 psi (60.5 L/min @ 205 bar)	25.4 gpm @ 3,191 psi (96.2 L/min @ 220 bar)	24.2 gpm @ 3,191 psi (91.6 L/min @ 220 bar)
System relief pressure: Standard Overload relief valve	2,420 psi (170 bar) 3,270 psi (230 bar)	3,130 psi (220 bar) 3,410 psi (240 bar)	3,270 psi (230 bar) 3,560 psi (250 bar)	3,270 psi (230 bar) 3,560 psi (250 bar)	3,130 psi (220 bar) 3,410 psi (240 bar)	3,130 psi (220 bar) 3,410 psi (240 bar)
Pilot control hydraulic system: Pump Maximum capacity	Gear Pump 1.8 gpm (6.8 L/min)	Gear Pump 1.8 gpm (6.8 L/min)	Gear Pump 1.8 gpm (6.8 L/min)	Gear Pump 1.8 gpm (6.8 L/min)	Gear Pump 1.8 gpm (6.8 L/min)	Gear pump 1.8 gpm (6.8 L/min)
Control valves	Pilot control for left/right track travel, boom, arm, bucket and swing. Manual control for breaker and backfill blade.					
Swing: Motor	Fixed displacement axial piston orbit	Fixed displacement axial piston motor	- Fixed displacement axial piston motor - Automatic spring applied hydraulic released brake	- Fixed displacement axial piston motor - Automatic spring applied hydraulic released brake	- Fixed displacement axial piston motor - Automatic spring applied hydraulic released brake	- Fixed displacement axial piston motor - Automatic spring applied hydraulic released brake
Travel: Motor	- Variable displacement axial piston - 2-stage planetary	- Variable displacement axial piston - 2-stage planetary - Automatic spring applied hydraulic released brake	- Variable displacement axial piston - 2-stage planetary - Automatic spring applied hydraulic released brake	- Variable displacement axial piston - 2-stage planetary - Automatic spring applied hydraulic released brake	- Variable displacement axial piston - 2-stage planetary - Automatic spring applied hydraulic released brake	- Variable displacement axial piston - 2-stage planetary - Automatic spring applied hydraulic released brake

OTHER SPECIFICATIONS	E17C	E26C	E33C	E37C	E57C	E60C
Swing speed	0 – 9.5 RPM	0 – 9.1 RPM	0 – 9.0 RPM	0 – 9.5 RPM	0 – 9.1 RPM	0 – 8.8 RPM
Undercarriage: Track rollers	3 each	1 upper/3 lower each	1 upper/4 lower each	1 upper/4 lower each	1 upper/5 lower each	1 upper/5 lower each
Boom: Swing Length	70° left/54° right 5 ft 11 in (1.8 m)	75° left/50° right 6 ft 5 in (1.95 m)	75° left/50° right 7 ft 10 in (2.38 m)	75° left/50° right 8 ft 2 in (2.5 m)	80° left/50° right 9 ft 10 in (3.0 m)	70° left/50° right 9 ft 6 in (2.9 m)
Arm: Standard length Long arm length	3 ft 2 in (0.96 m) 3 ft 8 in (1.12 m)	3 ft 8 in (1.12 m) 4 ft 5 in (1.35 m)	4 ft 3 in (1.3 m) 5 ft 3 in (1.6 m)	4 ft 3 in (1.3 m) 5 ft 3 in (1.6 m)	5 ft 3 in (1.6 m) 6 ft 3 in (1.9 m)	4 ft 10 in (1.48 m) 6 ft 3 in (1.9 m)



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Safety begins with a thorough understanding of the equipment. Always make sure you and your operators read the Operator's Manual before using the equipment. Pay close attention to all safety and operating decals and never operate machinery without all shields, protective devices and structures in place. This is a one-person machine. Never allow riders in the cab, outside the machine, or in/on any bucket or attachment.

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