

E17C

COMPACT EXCAVATOR

TIER 4 FINAL



Engine	
Model	Kubota D902
Emission certification	Tier 4 Final
Fuel	Diesel
Cylinders	3
Displacement	54.8 in ³ (898 cc)
Fuel Injection	Mechanical
Gross horsepower	SAE J1995 @ 2300 RPM: 64.7 hp (48.3 kW)
Net horsepower	SAE J1349 @ 2300 RPM: 16.8 hp (12.5 kW)
Maximum engine torque @ 1900 RPM	39.49 lb. ft. (53.54 Nm)
Cooling	Water-cooled

Drivetrain	
Travel speeds:	
1st	1.4 mph (2.2 kph)
2nd	2.5 mph (4.2 kph)
Maximum traction force	3300 lb. (1420 kg)
Gradeability	30° (58%)
Ground pressure	3.98 psi (0.25 kgf/cm ²)

Electrical	
Voltage	12 Volts
Alternator rating	40 amp
Battery	1 x 12 V x 45 Ah 420 CCA

Operator Weight	
Canopy operating weight:	
Short arm	3910 lb. (1775 kg)
Long arm w/additional counterweight	4110 lb. (1865 kg)

NOTE: w/rubber tracks/no quick coupler/bucket/fluids/full of fuel/165 lb. operator.

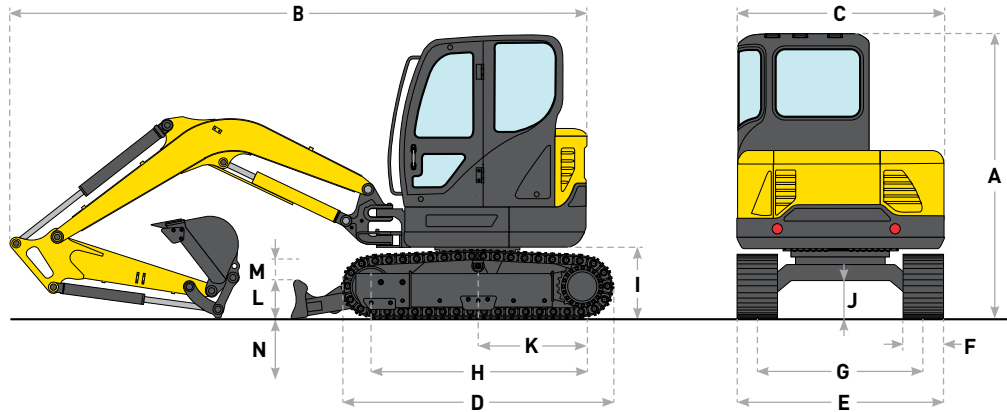
Operator Environment	
ROPS/FOPS two post canopy; ISO 6396:2008 sound pressure level LpA=76 dB (A); Pilot operated hand controls and foot pedals; Adjustable seat w/ seat belt; Arm rests; 12V socket.	
Display includes: Engine oil pressure lamp; Water temperature lamp; Low fuel warning lamp; Battery charge lamp; Engine preheat lamp; Travel speed lamp; Air cleaner warning lamp; Hyd. quick coupler lock lamp; High travel speed lamp; Water temperature gauge; Fuel gauge; and Hour meter.	

Service Capacities	
Fuel tank	5.3 gal. (20 L)
Hydraulic tank:	
Refill capacity	3.4 gal. (13 L)
Total system	6.1 gal. (23 L)
Engine oil w/filter change	1.0 gal. (3.7 L)
Radiator	0.9 gal. (3.5 L)

Hydraulics	
Main pumps:	Variable displacement tandem axial piston pump + gear pump
Max rated flow	2 x 5 + 3 gpm (2 x 18.8 L/min @ 170 bar)
Auxiliary flow	7.9 gpm @ psi 2,987 psi (30L/min @ 206 bar)
System relief pressure:	
Standard	2420 psi (170 bar)
Overload relief valve pressure	3270 psi (230 bar)
Pilot control hydraulic system:	
Pump	Gear pump
Maximum capacity	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 orbit
Travel motor:	
Variable displacement axial piston	
2-stage planetary	

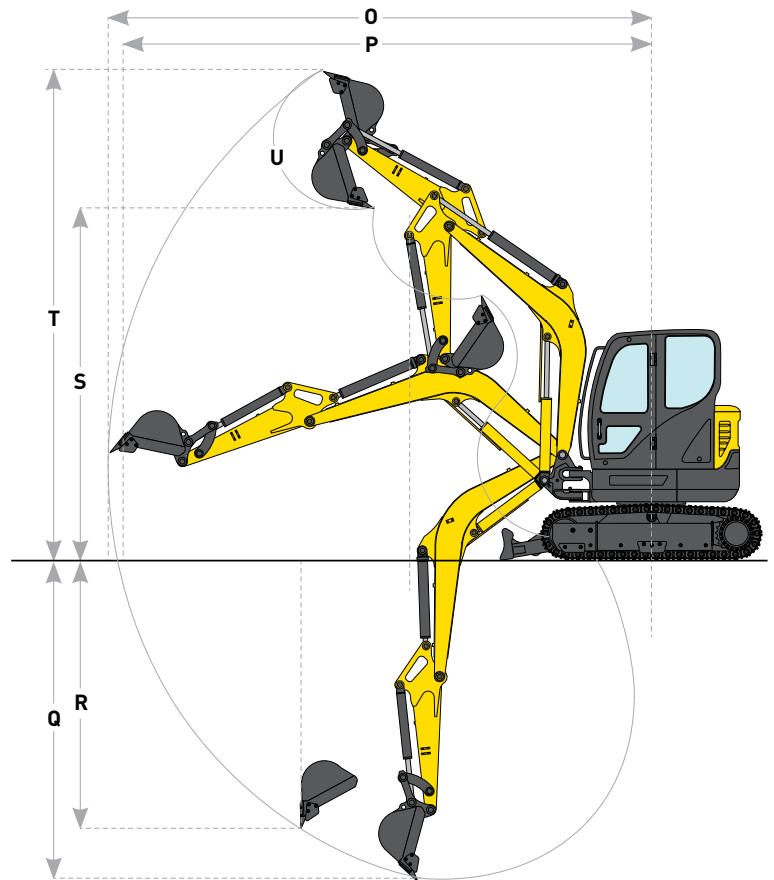
Other Specifications	
Swing speed	0 – 9.5 RPM
Undercarriage:	
Track rollers	3 each
Boom:	
Swing	70° left/54° right
Length	5 ft. 11 in. (1.8 m)
Arm:	
Standard length	3 ft. 2 in. (0.96 m)
Long arm length	3 ft. 8 in. (1.12 m)

E17C SPECIFICATIONS



Dimensions		3 ft. 2 in. (0.96 m) Arm	
A	Overall height	ft. in. (mm)	7' 7" (2320)
B	Overall transport length	ft. in. (mm)	11' 5" (3480)
C	Width of upper structure	ft. in. (mm)	2' 11" (890)
D	Track overall length	ft. in. (mm)	5' 3" (1590)
E	Track overall width:		
	Retracted	ft. in. (mm)	3' 3" (990)
	Extended	ft. in. (mm)	4' 3" (1300)
F	Track shoe width	in. (mm)	9.0 (230)
G	Track gauge:		
	Retracted	ft. in. (mm)	2' 6" (760)
	Extended	ft. in. (mm)	3' 6" (1070)
H	Center to center – idler to sprocket	ft. in. (mm)	4' 0" (1230)
I	Upper structure ground clearance	ft. in. (mm)	1' 5" (440)
J	Minimum ground clearance	in. (mm)	6.7 (170)
K	Tail swing radius:		
	Standard counterweight	ft. in. (mm)	2' 1" (645)
	Additional counterweight	ft. in. (mm)	2' 4" (720)
	Boom swing	degrees	70 left/50 right
	Tail swing overhang:		
	Standard counterweight	in. (mm)	0 (0)
	Additional counterweight	in. (mm)	3 (70)

Blade Specs			
L	Backfill blade height	in. (mm)	9.8 (250)
M	Backfill blade rise above ground	in. (mm)	11.2 (285)
N	Backfill blade dig depth	in. (mm)	8.9 (225)
	Backfill blade width	ft. in. (mm)	4' 3" (1300)



Performance Specs		3 ft. 2 in. (0.96 m) Arm		3 ft. 8 in. (1.12 m) Arm	
O	Maximum dig radius	ft. in. (mm)	12' 10" (3900)		13' 3" (4030)
P	Dig radius at groundline	ft. in. (mm)	12' 6" (3800)		12' 11" (3940)
Q	Maximum dig depth	ft. in. (mm)	7' 3" (2200)		7' 9" (2350)
R	Vertical straight wall dig depth	ft. in. (mm)	4' 4" (1320)		4' 10" (1460)
S	Dump height	ft. in. (mm)	8' 5" (2570)		8' 10" (2670)
T	Overall reach height	ft. in. (mm)	11' 9" (3580)		12' 1" (3680)
U	Bucket rotation	degrees	187		187
	Arm digging force – ISO	lbf (kgf/kN)	1920 (870/8.5)		1710 (775/7.6)
	Bucket digging force – ISO	lbf (kgf/kN)	3490 (1580/15.5)		3490 (1580/15.5)

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

Lift Capacities E17C Standard Arm Lift

5 ft. 11 in. (1.8 m) Boom, 3 ft. 2 in. (0.96 m) Arm, Dozer Blade Down

Canopy unit equipped with 0.04 m³ (SAE heaped) bucket, 9 in. (230 mm) rubber track (extended) and 414 lb. (188 kg) counterweight.

Load/Lift point height		Load Radius										At Maximum Reach			
		3 ft. (1.0 m)		5 ft. (1.5 m)		7 ft. (2.0 m)		8 ft. (2.5 m)		10 ft. (3.0 m)		Reach	Capacity		
		end	side	end	side	end	side	end	side	end	side	⌀	end	side	
+8 ft. (2.5 m)	lb. (kg)							670* (310)*	670* (310)*				9 ft. 0 in. (2.74 m)	580* (260)*	580* (260)*
+7 ft. (2.0 m)	lb. (kg)							710* (320)*	710* (320)*	710* (320)*	510 (230)		10 ft. 1 in. (3.07 m)	560* (260)*	490 (220)
+5 ft. (1.5 m)	lb. (kg)					970* (440)*	970* (440)*	820* (370)*	690 (310)	750* (340)*	500 (230)		10 ft. 9 in. (3.27 m)	570* (260)*	430 (190)
+3 ft. (1.0 m)	lb. (kg)					1340* (610)*	950 (430)	990* (450)*	660 (300)	820* (370)*	490 (220)		11 ft. 0 in. (3.36 m)	610* (280)*	400 (180)
+2 ft. (0.5 m)	lb. (kg)					1630* (740)*	890 (400)	1140* (520)*	630 (290)	900* (410)*	470 (210)		11 ft. 0 in. (3.36 m)	690* (310)*	390 (180)
Groundline	lb. (kg)			1520* (690)*	1410 (640)	1740* (790)*	860 (390)	1220* (550)*	610 (280)	930* (420)*	460 (210)		10 ft. 8 in. (3.26 m)	820* (370)*	400 (180)
-2 ft. (-0.5 m)	lb. (kg)	1610* (730)*	1610* (730)*	2240* (1020)*	1410 (640)	1680* (760)*	860 (390)	1200* (540)*	600 (270)	890* (400)*	460 (210)		10 ft. 0 in. (3.06 m)	860* (390)*	440 (200)
-3 ft. (-1.0 m)	lb. (kg)	2280* (1030)*	2280* (1030)*	2180* (990)*	1440 (650)	1480* (670)*	870 (390)	1050* (480)*	610 (280)				8 ft. 11 in. (2.71 m)	900* (410)*	540 (240)
-5 ft. (-1.5 m)	lb. (kg)	2690* (1220)*	2690* (1220)*	1510* (690)*	1480 (670)	1030* (470)*	900 (410)						7 ft. 0 in. (2.13 m)	920* (420)*	810 (370)

Lift Capacities E17C Long Arm Lift

5 ft. 11 in. (1.8 m) Boom, 3 ft. 8 in. (1.12 m) Arm, Dozer Blade Down

Canopy unit equipped with 0.04 m³ (SAE heaped) bucket, 9 in. (230 mm) rubber track (extended) and 591 lb. (268 kg) counterweight.

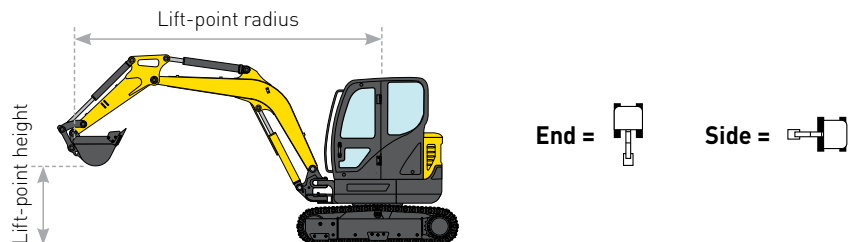
Load/Lift point height		Load Radius											At Maximum Reach			
		3 ft. (1.0 m)		5 ft. (1.5 m)		7 ft. (2.0 m)		8 ft. (2.5 m)		10 ft. (3.0 m)		12 ft. (3.5 m)		Reach	Capacity	
		end	side	end	side	end	side	end	side	end	side	end	side	⌀	end	side
+10 ft. (3.0 m)	lb. (kg)													8 ft. 0 in. (2.43 m)	550* (250)*	550* (250)*
+8 ft. (2.5 m)	lb. (kg)							580* (260)*	580* (260)*					9 ft. 7 in. (2.93 m)	480* (220)*	480* (220)*
+7 ft. (2.0 m)	lb. (kg)							620* (280)*	620* (280)*	640* (290)*	580 (260)			10 ft. 8 in. (3.24 m)	470* (210)*	470* (210)*
+5 ft. (1.5 m)	lb. (kg)							740* (340)*	740* (340)*	690* (310)*	570 (260)			11 ft. 3 in. (3.43 m)	470* (210)*	450 (200)
+3 ft. (1.0 m)	lb. (kg)			2060* (940)*	1740 (790)	1210* (550)*	1080 (490)	910* (410)*	750 (340)	770* (350)*	550 (250)	540* (250)*	420 (190)	11 ft. 7 in. (3.52 m)	500* (230)*	420 (190)
+2 ft. (0.5 m)	lb. (kg)			1260* (570)*	1260* (570)*	1540* (700)*	1010 (460)	1080* (490)*	710 (320)	860* (390)*	530 (240)	590* (270)*	410 (190)	11 ft. 6 in. (3.51 m)	550* (250)*	410 (190)
Groundline	lb. (kg)	880* (400)*	880* (400)*	1500* (680)*	1500* (680)*	1700* (770)*	970 (440)	1190* (540)*	690 (310)	910* (410)*	520 (240)		11 ft. 3 in. (3.42 m)	640* (290)*	420 (190)	
-2 ft. (-0.5 m)	lb. (kg)	1400* (640)*	1400* (640)*	2050* (930)*	1570 (710)	1700* (770)*	960 (440)	1200* (540)*	680 (310)	900* (410)*	510 (230)		10 ft. 7 in. (3.23 m)	790* (360)*	460 (210)	
-3 ft. (-1.0 m)	lb. (kg)	1980* (900)*	1980* (900)*	2350* (1070)*	1590 (720)	1540* (700)*	970 (440)	1100* (500)*	680 (310)				9 ft. 7 in. (2.91 m)	840* (380)*	540 (250)	
-5 ft. (-1.5 m)	lb. (kg)	2640* (1200)*	2640* (1200)*	1780* (810)*	1630 (740)	1190* (540)*	990 (450)						7 ft. 10 in. (2.39 m)	870* (400)*	750 (340)	

NOTE: Lifting capacity are based on ISO 10567.

Lifting capacity does not exceed 75% of tipping load with the machine on firm, level ground or 87% of full hydraulic capacity.

The lift point is a hook located on the back of the bucket.

*Indicates load limited by hydraulic capacity.



E17C STANDARD EQUIPMENT

Engine
Kubota D902 diesel
Water cooled
Engine access under rear hood
Glow plug starting aid
Dry type air cleaner with restriction indicator

Electrical
12-volt electrical starting system
Heavy-duty battery
Battery master switch
Key start
Anti-Theft-Engine starting passwords
Front working light
Horn
Pre-wired – Telematics ready

Hydraulics
Auxiliary hydraulics – single/bi-directional –and plumbing to arm
Large hydraulic oil cooler
Control pattern selector valve
Cylinder rod protection covers – Dozer, Boom Arm and Bucket

Track Drive
Rubber belt tracks
Automatic 2-speed travel
Fully hydrostatic drive system
Sealed and lubricated track rollers
Track tension adjustment – grease type
Extendable track

Upper Structure
Zero tail swing
Standard arm: 3 ft. 2 in. (0.96 m)

Operator Environment
See page 1

Other
Swing boom – 70° left/54° right
Hydraulic backfill blade with adjustable width

Warranty
Base warranty coverage: 2-Year/3,000-Hour
Full Machine Limited Warranty

E17C OPTIONAL EQUIPMENT

Operator Environment
Travel alarm

Other
Additional counterweight adds 180 lb. (82 kg)
Optional long arm: 3 ft. 8 in. (1.12 m)
Hydraulic quick coupler provision
Klac coupler
Mechanical coupler
Hydraulic hammer
Hydraulic compactor
Hydraulic auger
Beacon



New Holland Construction Equipment is biodiesel-friendly. NOTE: All engines meet current EPA emissions regulations. All specifications are stated in accordance with SAE Standards or Recommended Practices, where applicable.

Learn more at www.newholland.com

New Holland Construction
500 Diller Ave.
New Holland, PA 17557

www.newholland.com

Design, materials and/or specifications are subject to change without notice and without liability therefor. Specifications are applicable to units sold in Canada, the United States, its territories and possessions, and may vary outside these areas.

© 2021 CNH Industrial America LLC. All rights reserved. New Holland is a trademark in the United States and many other countries, owned by or licensed to CNH Industrial N.V., its subsidiaries or affiliates. Any trademarks referred to herein, in association with goods and/or services of companies other than CNH America LLC, are the property of those respective companies.



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.

NHC7130219211 • 0921 • OTP • PRINTED IN U.S.A.