CASE CONSTRUCTION

CX30D

MINI EXCAVATOR
DOZER BLADE
TIER 4 FINAL / STAGE V CERTIFIED



ENGINE

Model	Kubota D1703-M
Emissions Certification	Tier 4 Final / Stage V
Net horsepower — SAE J1349 @ 2,300 RPM:	24.4 hp (18.2 kW)
Displacement	100.7 in^3 (1.65 L)
Cylinders	3-cylinder in line
Cooling	Liquid

DRIVETRAIN

Travel speeds — 2-speed travel with auto-shift:	
1st	1.7 mph (2.7 km/h)
2nd	2.7 mph (4.3 km/h)
Number of lower rollers	4

ELECTRICAL

Voltage	12 volts
Alternator rating	40 amp
Battery	12 volts
Battery reserve capacity	80 Ah
Work lights	1 × boom / 1 × roof

UNDERCARRIAGE

Lower rollers	4 per side
Upper roller	1 per side
Rubber tracks	280 × 52.5 × 86 mm (11 × 2.1 × 3.4 in)
Steel track shoe width	11 in (280 mm)

OPERATOR ENVIRONMENT

Boom, arm, bucket and swing	2 × pilot joysticks
Tracks	2 × pilot levers
Dozer blade	1 × pilot lever
AUX 1	1- or 2-way flow
Electric proportional switch on right joystick	
AUX 2	2-way flow
Electric proportional switch on right joystick	

Boom swing:
Electric proportional switch on left joystick
AUX 2/boom swing switch selection on right joystick

OPERATING WEIGHT

Canopy operating weight with rubber tracks:	6,658 lb (3 020 kg)
Cab operating weight with rubber tracks:	7,143 lb (3 240 kg)
Ground pressure	4.4 psi (.31 kg/cm^2)

Weight addition for steel tracks:
220.5 lb (100 kg)

Weight addition for hydraulic quick-coupler:
75 lb (34 kg)

Weight addition for direct mounted thumb:
106 lb (48 kg)

Weight addition for coupler mounted thumb:
119 lb (54 kg)

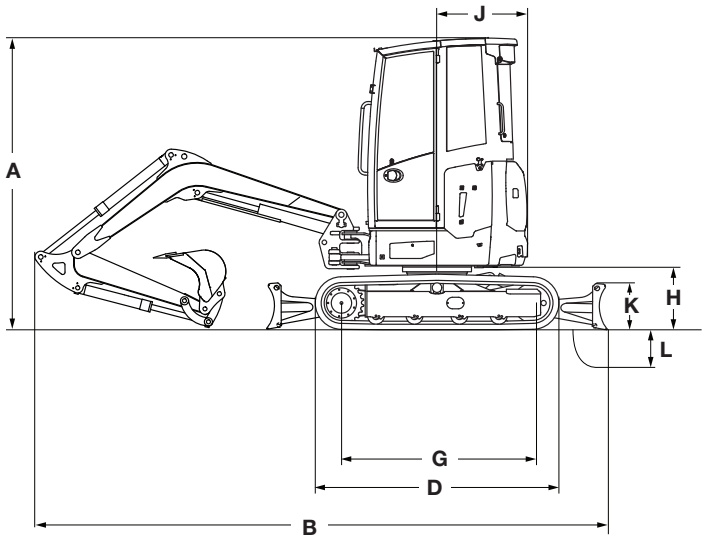
HYDRAULICS

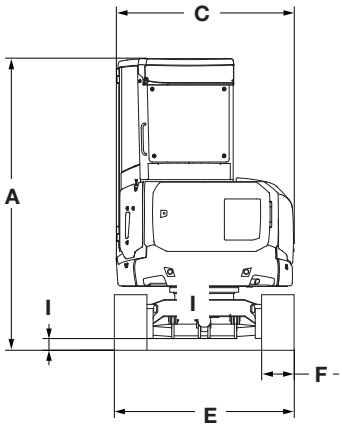
Type	Open Center
Pump type	1 × LS variable pump
Max. rated flow total	26.7 gpm (101 L/min)
Max. system pressure	3,771 psi (260 bar)
Std. AUX 1 rated flow @ max. system pressure	10.6 gpm (40 L/min)
Mulcher Provision	8.2gpm (31 lpm) @ 2610 psi (180 bar)
Std. AUX 2 rated flow @ max. system pressure	8.5 – 5.3 gpm (32 – 20 L/min)
Optional AUX 3 rated flow @ max. system pressure	8.5 – 5.3 gpm (32 – 20 L/min)
Slew speed	10.5 rpm

2nd Auxiliary (AUX 2) circuit with
Electro-Hydraulic proportional control

SERVICE CAPACITIES

Fuel tank	13 gal (49 L)
Hydraulic oil tank	8.8 gal (33.5 L)
Hydraulic circuit capacity	14.3 gal (54 L)
Cooling system capacity	2 gal (7.5 L)
Engine oil	1.7 gal (6.3 L)

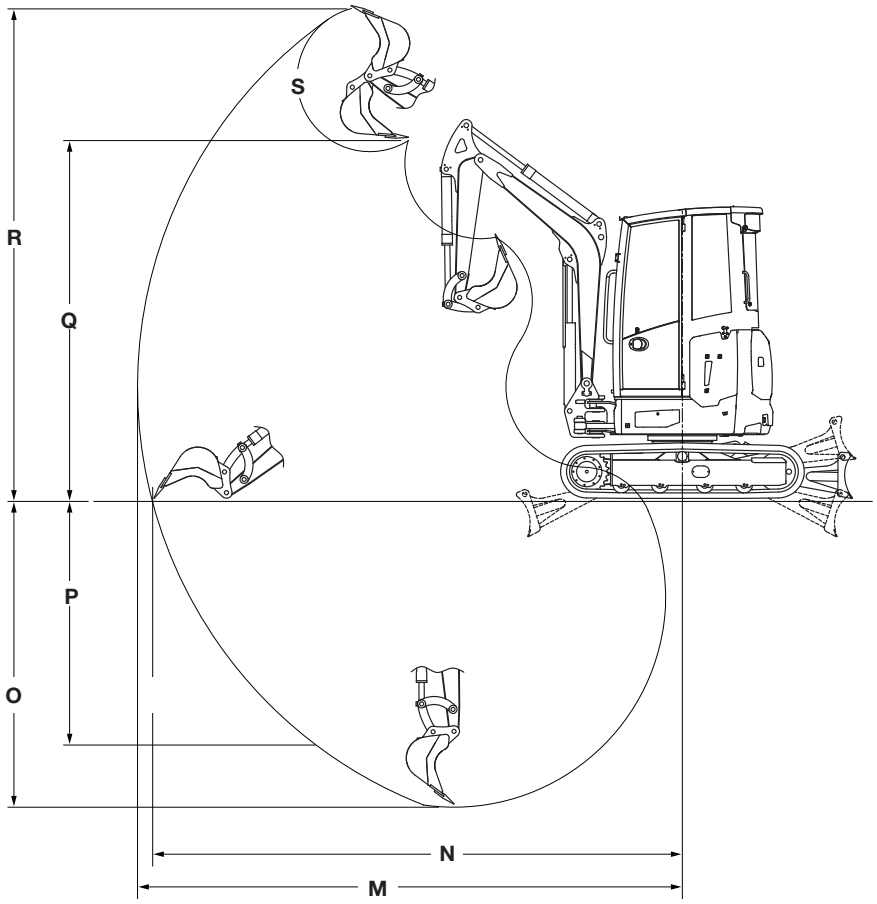




Line drawings are for illustrative purpose only and may not be exact representation of unit.

DIMENSIONS

	3 ft 11 in (1.2 m) Arm
A. Overall height	8 ft 3 in (2520 mm)
B. Overall transport length	15 ft 8 in (4 780 mm)
C. Width of upper structure	5 ft 0 in (1525 mm)
D. Track overall length	6 ft 11 in (2100 mm)
E. Track overall width	5 ft 1 in (1550 mm)
F. Track shoe width	11 in (280 mm)
G. Center to center – idler to sprocket	5 ft 5 in (1 650 mm)
H. Upper structure ground clearance	1 ft 10 in (550 mm)
I. Minimum ground clearance	11 in (282 mm)
J. Tail swing radius:	
Standard counterweight	2 ft 7 in (775 mm)
Additional counterweight	2 ft 11 in (891 mm)
Additional counterweight – heavy	3 ft 1 in (945 mm)
Boom swing	67° left / 60° right
Tail swing overhang:	
Standard counterweight	0 in (0 mm)
Additional counterweight	4.6 in (116 mm)
Additional counterweight – heavy	6.7 in (170 mm)



BLADE SPECS

K. Backfill blade rise above ground	1 ft 2 in (365 mm)
L. Backfill blade dig depth	1 ft 0 in (311 mm)
Backfill blade width	5 ft 1 in (1 550 mm)

PERFORMANCE SPECS

	3 ft 11 in (1.2 m) Arm	4 ft 7 in (1.4 m) Arm
M. Maximum dig radius	15 ft 5 in (4 700 mm)	16 ft 1 in (4890 mm)
N. Dig radius at groundline	15 ft 0 in (4 570 mm)	5 ft 7 in (4760 mm)
O. Maximum dig depth	8 ft 8 in (2 640 mm)	9 ft 3 in (2830 mm)
P. Vertical straight wall dig depth	6 ft 11 in (2 100 mm)	7 ft 6 in (2280 mm)
Q. Dump height	10 ft 2 in (3110 mm)	10 ft 8 in (3 240 mm)
R. Overall reach height	13 ft 11 in (4 250 mm)	14 ft 4 in (4 370 mm)
S. Bucket rotation	197°	197°
Arm digging force – ISO	4,116 lbf (18.3 kN)	3,698 lbf (16.5 kN)
Bucket digging force – ISO	7,868 lbf (35 kN)	7,868 lbf (35 kN)

LIFT CAPACITIES

3 ft 11 in (1.2 m) Arm, Dozer Blade Down

Load (Lift Point) Height	7 ft (2 m)		8 ft (2.5 m)		10 ft (3 m)		12 ft (3.5 m)		13 ft (4 m)		MAXIMUM REACH		
	END	SIDE	END	SIDE	END	SIDE	END	SIDE	END	SIDE	@	END	SIDE
+10 ft (3 m)					1,588 lb* (720 kg)*	1,545 lb (701 kg)					11 ft 1 in (3.38 m)	1,742 lb* (790 kg)*	1,268 lb (575 kg)
+8 ft (2.5 m)					1,634 lb* (741 kg)*	1,533 lb (695 kg)	1,693 lb* (768 kg)*	1,198 lb (543 kg)			12 ft 2 in (3.70 m)	1,749 lb* (793 kg)*	1,092 lb (495 kg)
+7 ft (2 m)					1,834 lb* (832 kg)*	1,503 lb (682 kg)	1,763 lb* (800 kg)*	1,185 lb (538 kg)			12 ft 10 in (3.91 m)	1,774 lb* (805 kg)*	992 lb (450 kg)
+5 ft (1.5 m)					1,968 lb* (893 kg)*	1,502 lb (681 kg)	1,911 lb* (867 kg)*	1,163 lb (528 kg)	1,810 lb* (821 kg)*	949 lb (430 kg)	13 ft 3 in (4.03 m)	1,809 lb* (821 kg)*	937 lb (425 kg)
+3 ft (1 m)			3,145 lb* (1 427 kg)*	1,846 lb (837 kg)	2,443 lb* (1 108 kg)*	1,420 lb (644 kg)	2,080 lb* (943 kg)*	1,138 lb (516 kg)	1,874 lb* (850 kg)*	937 lb (425 kg)	13 ft 4 in (4.07 m)	1,853 lb* (841 kg)*	913 lb (414 kg)
+2 ft (0.5 m)			3,554 lb* (1 612 kg)*	1,793 lb (813 kg)	2,696 lb* (1 223 kg)*	1,386 lb (629 kg)	2,223 lb* (1 013 kg)*	1,117 lb (507 kg)	1,922 lb* (872 kg)*	927 lb (420 kg)	13 ft 3 in (4.03 m)	1,903 lb* (863 kg)*	916 lb (415 kg)
Groundline	5,331 lb* (2 418 kg)*	2,479 lb (1 124 kg)	3,722 lb* (1 688 kg)*	1,766 lb (801 kg)	2,832 lb* (1 285 kg)*	1,364 lb (619 kg)	2,296 lb* (1 041 kg)*	1,103 lb (500 kg)			12 ft 10 in (3.92 m)	1,959 lb* (889 kg)*	949 lb (430 kg)
-2 ft (-0.5 m)	5,086 lb* (2 3073 kg)*	2,483 lb (1 126 kg)	3,671 lb* (1 665 kg)*	1,759 lb (798 kg)	2,820 lb* (1 279 kg)*	1,356 lb (615 kg)	2,245 lb* (1 018 kg)*	1,100 lb (499 kg)			12 ft 2 in (3.71 m)	2,017 lb* (915 kg)*	1,022 lb (464 kg)
-3 ft (-1.0 m)	4,611 lb* (2 092 kg)*	2,502 lb (1 135 kg)	3,399 lb* (1 542 kg)*	1,769 lb (802 kg)	2,608 lb* (1 183 kg)*	1,364 lb (619 kg)					11 ft 1 in (3.39 m)	2,069 lb* (938 kg)*	1,163 lb (528 kg)
-5 ft (-1.5 m)	3,782 lb* (1 715 kg)*	2,541 lb (1 153 kg)	2,791 lb* (1 266 kg)*	1,799 lb (816 kg)							9 ft 7 in (2.91 m)	2,088 lb* (947 kg)*	1,459 lb (662 kg)
- 7 ft (-2 m)	2,085 lb* (946 kg)*	2,085 lb* (946 kg)*									6 ft 10 in (2.09 m)	1,900 lb* (862 kg)*	1,900 lb* (862 kg)*

*Indicates load limited by hydraulic capacity

4 ft 7 in (1.4 m) Arm, Dozer Blade Down

Load (Lift Point) Height	7 ft (2 m)		8 ft (2.5 m)		10 ft (3 m)		12 ft (3.5 m)		13 ft (4 m)		MAXIMUM REACH		
	END	SIDE	END	SIDE	END	SIDE	END	SIDE	END	SIDE	@	END	SIDE
+10 ft (3 m)							1,538 lb* (698 kg)*	1,203 lb (546 kg)			11 ft 10 in (3.61 m)	1,626 lb* (738 kg)*	1,137 lb (516 kg)
+8 ft (2.5 m)							1,513 lb* (686 kg)*	1,201 lb (545 kg)			12 ft 10 in (3.91 m)	1,613 lb* (732 kg)*	995 lb (451 kg)
+7 ft (2 m)					1,637 lb* (743 kg)*	1,508 lb (684 kg)	1,610 lb* (730 kg)*	1,184 lb (537 kg)	1,621 lb* (735 kg)*	956 lb (434 kg)	13 ft 6 in (4.11 m)	1,641 lb* (744 kg)*	912 lb (414 kg)
+5 ft (1.5 m)	2,965 lb* (1 345 kg)*	2,757 lb (1 251 kg)	2,265 lb* (1 027 kg)*	1,936 lb (878 kg)	1,946 lb* (883 kg)*	1,465 lb (665 kg)	1,775 lb* (805 kg)*	1,160 lb (526 kg)	1,687 lb* (765 kg)*	944 lb (428 kg)	13 ft 10 in (4.22 m)	1,677 lb* (761 kg)*	865 lb (392 kg)
+3 ft (1 m)			2,899 lb* (1 315 kg)*	1,854 lb (841 kg)	2,288 lb* (1 038 kg)*	1,419 lb (644 kg)	1,968 lb* (893 kg)*	1,132 lb (513 kg)	1,783 lb* (809 kg)*	929 lb (421 kg)	14 ft 0 in (4.26 m)	1,720 lb* (780 kg)*	844 lb (383 kg)
+2 ft (0.5 m)			3,594 lb* (1 630 kg)*	1,800 lb (816 kg)	2,612 lb* (1 185 kg)*	1,400 lb (635 kg)	2,141 lb* (971 kg)*	1,108 lb (503 kg)	1,868 lb* (847 kg)*	915 lb (415 kg)	13 ft 11 in (4.23 m)	1,667 lb* (756 kg)*	845 lb (383 kg)
Groundline	5,335 lb* (2 420 kg)*	2,459 lb (1 115 kg)	3,654 lb* (1 657 kg)*	1,753 lb (795 kg)	2,771 lb* (1 257 kg)*	1,352 lb (613 kg)	2,253 lb* (1 022 kg)*	1,090 lb (494 kg)	1,902 lb* (863 kg)*	906 lb (411 kg)	13 ft 6 in (4.12 m)	1,823 lb* (827 kg)*	872 lb (396 kg)
-2 ft (-0.5 m)	5,220 lb* (2 368 kg)*	2,453 lb (1 113 kg)	3,693 lb* (1 675 kg)*	1,739 lb (789 kg)	2,822 lb* (1 280 kg)*	1,338 lb (607 kg)	2,266 lb* (1 028 kg)*	1,081 lb (490 kg)			12 ft 10 in (3.92 m)	1,881 lb* (853 kg)*	930 lb (422 kg)
-3 ft (-1.0 m)	4,857 lb* (2 203 kg)*	2,466 lb (1 119 kg)*	3,517 lb* (1 595 kg)*	1,742 lb (790 kg)	2,701 lb* (1 225 kg)*	1,340 lb (608 kg)	2,103 lb* (954 kg)*	1,087 lb (493 kg)			11 ft 11 in (3.63 m)	1,939 lb* (880 kg)*	1,039 lb (471 kg)
-5 ft (-1.5 m)	4,182 lb* (1 897 kg)*	2,497 lb (1 133 kg)	3,071 lb* (1 393 kg)*	1,763 lb (800 kg)	2,296 lb* (1 041 kg)*	1,360 lb (617 kg)					10 ft 6 in (3.20 m)	1,985 lb* (900 kg)*	1,253 lb (568 kg)
- 7 ft (-2 m)	2,946 lb* (1 336 kg)*	2,559 lb (1 161 kg)	2,000 lb* (907 kg)*	1,821 lb (826 kg)							8 ft 3 in (2.52 m)	1,959 lb* (889 kg)*	1,798 lb (816 kg)

*Indicates load limited by hydraulic capacity

STANDARD EQUIPMENT

ENGINE

Kubota D1703-M diesel engine — Tier 4 Final/ Stage V compliant
Dry air filter with drain valve and electric anti-clogging indicator
Glow plugs for cold weather starting

ELECTRICAL

12V electrical system
Heavy-duty battery
Battery disconnect switch
Auxiliary power socket next to operator
Auxiliary power socket on roof for beacon
Key start switch

SOUND PERFORMANCE

Operating Sound Pressure: * 73dB(A)
External Sound Power Level: ** 94dB(A)
* The declared dynamic operator sound pressure levels per ISO 6396-2008.
The measurements were conducted with cab doors and windows closed.
** The labeled sound power level for the CE marked configurations when measured according to the test procedure and conditions specified in EU directive 2000/14/EC.

UPPER STRUCTURE

Zero tail swing (with standard counterweight)
Short arm with thumb bracket
Pin-on bucket
Swing boom
Open canopy with ROPS/TOPS/FOPS Level 1
LED work lights
Standard counterweight
Bucket linkage with lifting hook
Tiltable operator station

HYDRAULICS

Variable displacement hydraulic pump
High flow 1-/2-way auxiliary hydraulics (AUX1)
Low flow 2-way auxiliary hydraulics (AUX2)
Attachment quick coupler auxiliary hydraulics (2-way I double effect)
Control pattern selector valve (ISO/SAE)
Cylinder guard on boom and dozer blade cylinders
Mineral based hydraulic oil and lubricants
AUX1 1-/2-way flow manual selection valve

UNDERCARRIAGE & TRACK DRIVE

Rubber belt tracks
2-speed travel with auto shift down/up
Fully hydrostatic drive system
Sealed and lubricated track rollers
Hydraulically adjustable track tensioner (with grease)
Dozer blade with float

OPERATOR ENVIRONMENT

Adjustable mechanical suspension vinyl seat with seat belt
Travel levers with foldable foot pedals
Pilot controlled joysticks for boom, arm, bucket, and boom swing with electro-hydraulic proportional controls for boom swing, AUX1, AUX2 and AUX3
Blade control lever
Engine throttle lever
Digital cluster with warning light indicators
Visual indicators
Ignition key that opens all machine panel locks
Operator's manual compartment
Adjustable arm rests
Cup holder
Footrests
Horn
Travel alarm

WARRANTY

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

TELEMATICS

MyCASEConstruction Telematics Includes hardware and 7-year data subscription

OPTIONAL EQUIPMENT

ENGINE

Electric engine RPM and idle control

ELECTRICAL

Electric refuel pump with auto-stop function

UPPER STRUCTURE

Long arm with thumb bracket
Full range of attachment quick couplers
Full range of buckets
Hydraulic thumb
Bio degradable hydraulic oil and lubricants
Anti-theft system
Additional bolt-on counterweight
Front protection guard (Level 2)
Enclosed cab with ROPS/TOPS/FOPS Level 1
LED beacon

HYDRAULICS

Low flow 2-way auxiliary hydraulics (AUX3)
Direct drain to tank auxiliary circuit
Object handling kit with hose burst check valves on boom and arm and overload indicator light
Blade safety hose burst check valve
Mulching Provision - tandem gear pump 1 way AUX1 hydraulics
Attachment quick coupler auxiliary hydraulics (1-way I single effect)
AUX1 hydraulic flow control

UNDERCARRIAGE & TRACK DRIVE

Steel tracks

OPERATOR ENVIRONMENT

Adjustable mechanical suspension fabric seat with seat belt
Rear view mirrors
Windshield wiper and washer
Automatic courtesy light (in-cab)
2-piece overhead stowable windshield
Slide right side window
Radio and speakers

CaseCE.com

©2026 CNH Industrial America LLC. All rights reserved. CASE, CNH Industrial Capital and CNH are trademarks registered 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 Industrial America LLC., are the property of those respective companies.

IMPORTANT: CASE Construction Equipment Inc. reserves the right to change these specifications without notice and without incurring any obligation relating to such change. Availability of some models and equipment builds vary according to the country in which the equipment is used. The illustrations and text may include optional equipment and accessories and may not include all standard equipment. Your CASE dealer/distributor will be able to give you details of the products and their specifications available in your area.

Biodiesel Ready — CASE 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.

SAFETY™ NEVER HURTS — Always read the Operator's Manual before operating any equipment. Inspect equipment before using it, and be sure it is operating properly. Follow the product safety signs and use any safety features provided.

Form No. CCE202607CX30D
Replaces Form No. CCE202512CX30D