



ENGINE

Model	Yanmar 3TNV76
Emissions Certification	Tier 4 Final / Stage V
Net horsepower - SAE J1349 @ 2300 RPM:	18.4 hp (13.7 kW)

Displacement	1.116 L
Cylinders	3-cylinder in line
Cooling	Liquid

DRIVETRAIN

Travel speeds – 2-speed travel w/ auto-shift:	
1st	1.4 mph (2.3 kph)
2nd	2.7 mph (4.4 kph)

ELECTRICAL

Voltage	12 volts
Alternator rating	40 amp
Battery	1 x 12 volts
Battery reserve capacity	65 Ah
Work lights	1 x boom / 1 x roof

OPERATOR ENVIRONMENT

Boom, arm, bucket and swing	2 x pilot joysticks
Tracks	2 x pilot levers
Dozer blade	1 x lever
Aux 1	1 or 2-way flow
Electric proportional switch on right joystick	
Aux 2	2-way flow
Electric proportional switch on left joystick	
Boom swing	
Electric proportional switch on left joystick	
Aux 2/boom swing switch selection on right joystick	

SERVICE CAPACITIES

Fuel tank	7 gal (25 L)
Hydraulic oil tank	5 gal (20 L)
Hydraulic circuit capacity	8 gal (29 L)
Cooling system capacity	1.2 gal (4.5 L)
Engine oil	0.74 gal (2.8 L)

OPERATING WEIGHT

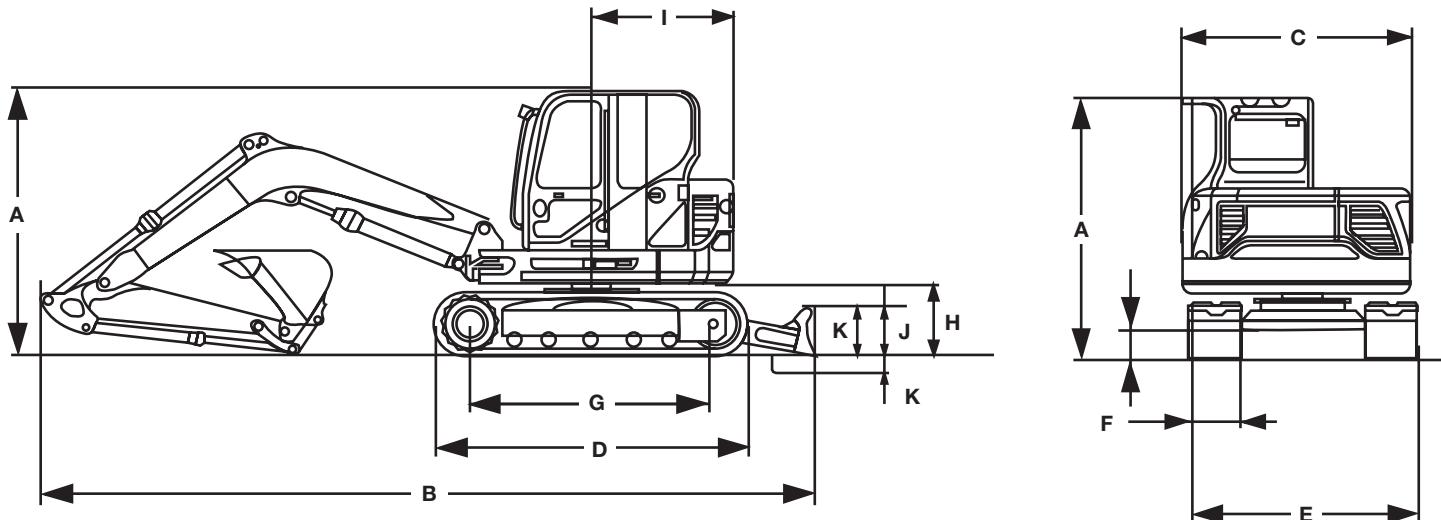
Canopy operating weight with rubber tracks:	
	4,145 lb (1 880 kg)

HYDRAULICS

Type	Open Center
Pump type	2 x gear pumps
Max. rated flow total:	13 gpm (49.1 L/min)
Max. system pressure	3,481 psi (240 bar)
Aux 1 rated flow @ 205 bar	8.2 gpm (31.1 L/min)
Aux 2 rated flow @ 205 bar	3.5 gpm (13.1 L/min)
Slew speed	9.5 RPM

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





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

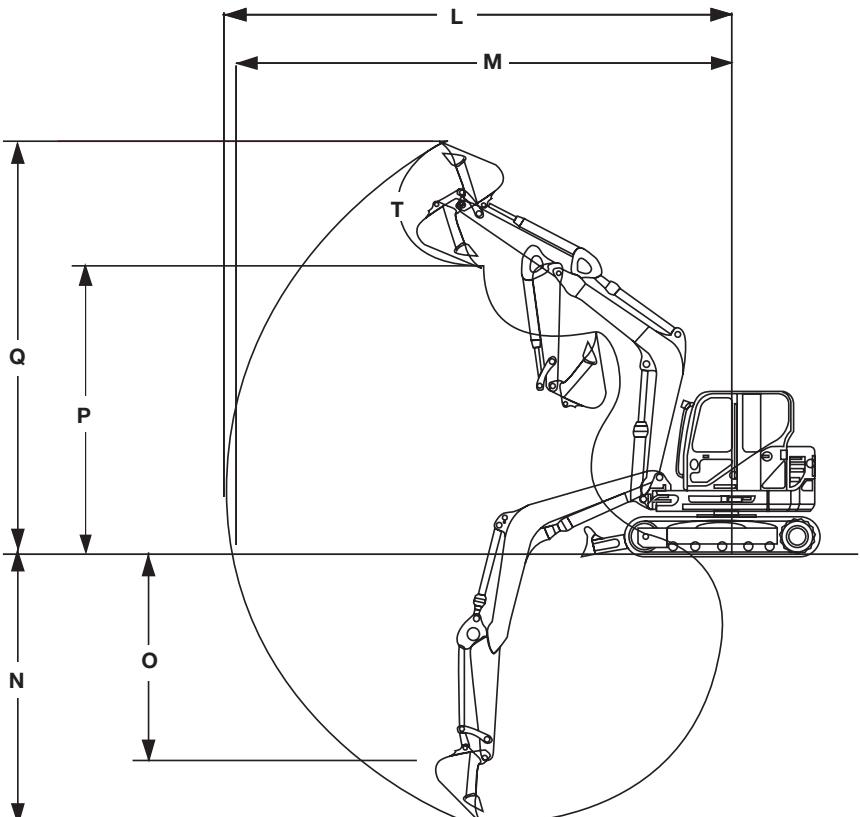
DIMENSIONS

3 ft 9 in (1.15 m) Arm

A. Overall height	7 ft 9 in (2 370 mm)
B. Overall transport length	12 ft 8 in (3 860 mm)
C. Width of upper structure	4 ft 3 in (1 300 mm)
D. Track overall length	5 ft 1 in (1 560 mm)
E. Track overall width	3 ft 3 in (990 mm)
F. Track shoe width	9 in (230 mm)
G. Center to center – idler to sprocket	3 ft 11 in (1 185 mm)
H. Upper structure ground clearance	1 ft 6 in (456 mm)
I. Tail swing radius:	
Standard counterweight	2 ft 2 in (650 mm)
Boom swing	67° left/60° right
Tail swing overhang:	
Standard counterweight	0 in (0 mm)

BLADE SPECS

J. Backfill blade rise above ground	11 in (290 mm)
K. Backfill blade dig depth	10 in (260 mm)
Backfill blade width	3 ft 3 in (990 mm)



PERFORMANCE SPECS

3 ft 9 in (1.15 m)

L. Maximum dig radius	13 ft 2 in (4 020 mm)	4 ft 5 in (1.35 m)
M. Dig radius at groundline	12 ft 10 in (3 920 mm)	13 ft 6 in (4 120 mm)
N. Maximum dig depth	7 ft 6 in (2 280)	8 ft 2 in (2 480 mm)
O. Vertical straight wall dig depth	5 ft 10 in (1 770 mm)	6 ft 5 in (1 960 mm)
P. Dump height	8 ft 6 in (2 580 mm)	8 ft 10 in (2 700 mm)
Q. Overall reach height	11 ft 9 in (3 590 mm)	12 ft 2 in (3 710 mm)
Arm digging force – ISO	2,136 lbf (9.5 kN)	2,136 lbf (9.5 kN)
Bucket digging force – ISO	3,372 lbf (15 kN)	3,372 lbf (15 kN)

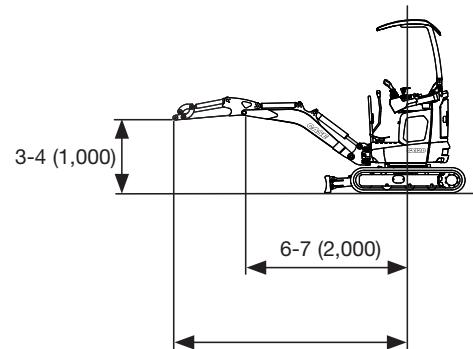
Opening arm from the rotation's center ft-in (mm)
Lifting capacity in lb (kg) at 3-4 (1,000) height

Standard arm L = 3-9 (1,150)
Long arm L = 4-5 (1,350)

LIFTING CAPACITY	6 FT 7 IN (2 000 MM)	MAX
Frontal and lowered dozer blade	1,345 lb (610 kg)	860 lb (390 kg)
Frontal and lifted dozer blade	948 lb (430 kg)	397 lb (180 kg)
Lateral, open undercarriage	948 lb (430 kg)	419 lb (190 kg)

* Indicates the hydraulic load limit.

The lifting capacity is based on the ISO 10567 and it does not exceed more than the 75% of static tipping load or more than the 87% of the hydraulic lifting capacity of the machine.



STANDARD EQUIPMENT

ENGINE

Yanmar 3TNV76 diesel engine - Tier 4 Final/
Stage V compliant
Dry air filter with clogged filter warning on
instrument cluster
Glow plugs for cold weather starting

ELECTRICAL

12-volt electrical system
Heavy-duty battery
Battery disconnect switch
Auxiliary power socket next to operator
Auxiliary power socket on roof for beacon
Key start switch
Horn
Travel alarm
MyCASEConstruction Telematics
Includes hardware and 7-year subscription

UPPER STRUCTURE

Zero tail swing (with standard counterweight)
Long arm
Pin-on bucket
Swing boom
Open canopy with ROPS/TOPS/FOPS Level 1
LED work lights
LED beacon
Standard counterweight
Bucket linkage with lifting hooks

HYDRAULICS

High flow 1-/2-way auxiliary hydraulics (Aux 1)
Low flow 2-way auxiliary hydraulics (Aux 2)
Attachment quick coupler auxiliary hydraulics
(2-way I double effect)
Direct drain to tank auxiliary circuit
Control pattern selector valve (ISO/SAE)
Cylinder guard on boom and dozer blade
cylinders
Hydraulic variable flow rate pump
Mineral based hydraulic oil and lubricants

TRACK DRIVE

Rubber belt tracks
Retractable tracks/undercarriage
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 and dual side foldable
extensions

OPERATOR ENVIRONMENT

Adjustable mechanical suspension vinyl seat
with seat belt
Travel levers with foldable foot pedals
Pilot controlled joysticks
Blade control lever
Engine throttle lever
Warning light indicators
Visual indicators
Ignition key that opens all machine panel
locks
Operator's manual compartment
Footrests

OPTIONAL EQUIPMENT

HYDRAULICS	UPPER STRUCTURE	OPERATOR ENVIRONMENT
Object handling kit with hose burst check valves on boom and arm Blade safety hose burst check valve High constant flow 1-way mulching head auxiliary hydraulics Attachment quick coupler auxiliary hydraulics (1-way I single effect)	Short arm Full range of attachment quick couplers Full range of buckets Hydraulic thumb Biodegradable hydraulic oil and lubricants Anti-theft system Additional bolt-on counterweight Front protection guard (Level 2)	Adjustable mechanical suspension fabric seat with seat belt Cab heater Rear view mirrors Windshield wiper and washer Automatic courtesy light 2-piece overhead stowable windshield Slide right side window Radio & Speakers Enclosed cab with ROPS/TOPS/FOPS Level 1

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CX19D



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.



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.

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