



ENGINE

Model	Yanmar 4TNV98CT
Emissions Certification	Tier 4 Final / Stage V
Net horsepower - SAE J1349 @ 2300 RPM:	72 hp (53.3 kW)

Displacement	3.3 L
Cylinders	4
Cooling	Liquid

DRIVETRAIN

Travel speeds - 2-speed travel w/ auto-shift:	
1st	1.6 mph (2.6 kph)
2nd	3.2 mph (5.2 kph)

ELECTRICAL

Voltage	12 volts
Alternator rating	80 amp
Battery	1 x 12 volts
Battery reserve capacity	100 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 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

Operating weight with rubber tracks:	19,467 lb (8 830 kg)
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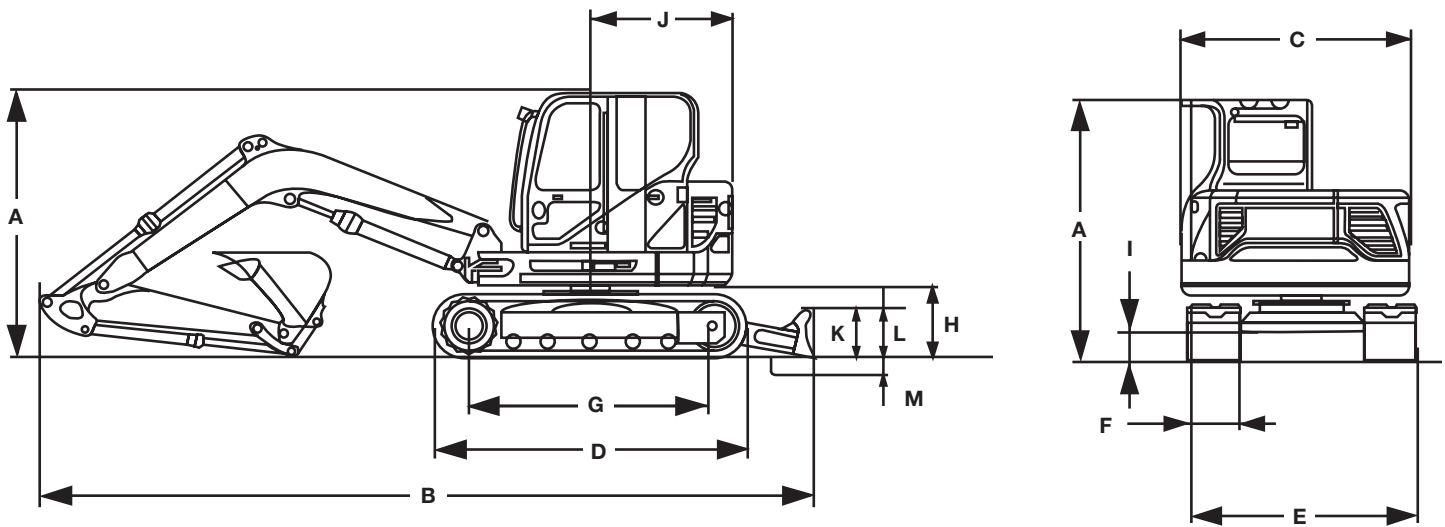
HYDRAULICS

Type	Open Center
Pump type	2 x gear pumps
Max. rated flow total:	50.7 gpm (192 L/min)
Max. system pressure	4,206.1 psi (290 bar)
Aux. 1 rated flow @ 200 bar	42.3 gpm (160 L/min)
Aux. 2 rated flow @ 290 bar	29.1/15.9 gpm (110/60 L/min)
Aux. 3 rated flow @ 250 bar	13.2 gpm (50 L/min)
Slew speed	10 rpm
2nd Auxiliary (Aux. 2) circuit with	Electro-Hydraulic proportional control

SERVICE CAPACITIES

Fuel tank	28 gal (105 L)
Hydraulic oil tank	22 gal (85 L)
Hydraulic circuit capacity	36 gal (135 L)
Cooling system capacity	6 gal (23 L)
Engine oil	3 gal (10 L)



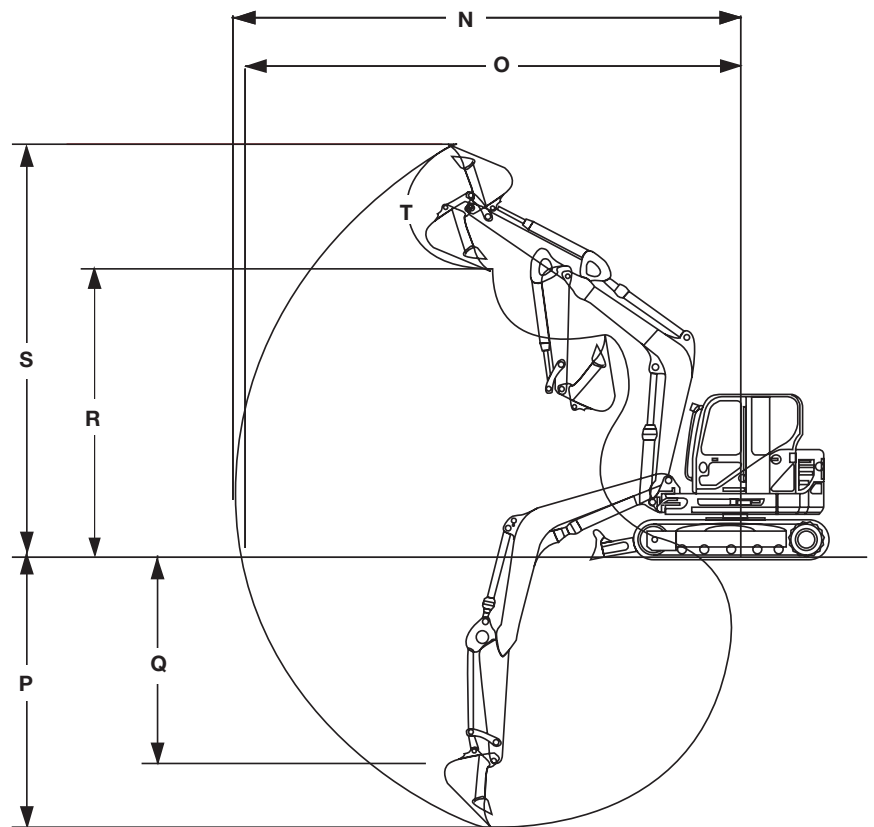


Line drawings are for illustrative purpose only
and may not be exact representation of unit.

DIMENSIONS

5 ft 9 in (1.76 m) Arm

A. Overall height	8 ft 10 in (2 680 mm)
B. Overall transport length	20 ft 10 in (6 353 mm)
C. Width of upper structure	7 ft 7 in (2 300 mm)
D. Track overall length	9 ft 6 in (2 896 mm)
E. Track overall width	7 ft 7 in (2 320 mm)
F. Track shoe width	1 ft 6 in (450 mm)
G. Center to center – idler to sprocket	7 ft 7 in (2 303 mm)
H. Upper structure ground clearance	2 ft 4 in (705 mm)
I. Minimum ground clearance	1 ft 2 in (363 mm)
J. Tail swing radius: Standard counterweight	4 ft (1 220 mm)
Tail swing overhang: Standard counterweight	5 in (130 mm)



BLADE SPECS

K. Backfill blade height	1 ft 8 in (495 mm)
L. Backfill blade rise above ground	1 ft 5 in (440 mm)
M. Backfill blade dig depth	1 ft 5 in (420 mm)
Backfill blade width	7 ft 7 in (2 320 mm)

PERFORMANCE SPECS

5 ft 9 in (1.76 m) Arm

6 ft 11 in (2.11 m) Arm

N. Maximum dig radius	20 ft 9 in (6 330 mm)	21 ft 10 in (6 650 mm)
O. Dig radius at groundline	20 ft 4 in (6 200 mm)	21 ft 5 in (6 530 mm)
P. Maximum dig depth	12 ft (3 670 mm)	13 ft 2 in (4 020 mm)
Q. Vertical straight wall dig depth	9 ft 11 in (3 010 mm)	11 ft (3 340 mm)
R. Dump height	17 ft (5 180 mm)	17 ft 9 in (5 420 mm)
S. Overall reach height	23 ft 3 in (7 080 mm)	24 ft (7 320 mm)
Arm digging force – ISO	9,779 lbf (44 kN)	8,655 lbf (39 kN)
Bucket digging force – ISO	14,163 lbf (63 kN)	14,163 lbf (63 kN)

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

LIFTING CAPACITY	6 FT 7 IN (2 000 MM)	MAX
Frontal and lowered dozer blade	7,165 lb (3 250 kg)	5,335 lb (2420 kg)
Frontal and lifted dozer blade	5,004 lb (2 270 kg)	3,241 lb (1 470 kg)
Lateral, open undercarriage	4,012 lb (1 820 kg)	2,646 lb (1 200 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 4TNV98CT 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
- Electronic proportional engine RPM control and auto-idle/shut-down
- Programmable hydraulically driven variable speed reversible cooling fan with an automatic functionality

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
- Radio, Bluetooth, USB, and Aux-in (cab only)
- Travel alarm
- CASE SiteWatch™ Telematics

UPPER STRUCTURE

- Zero Tail Swing (with standard counterweight)
- Long arm with thumb bracket
- Pin-on Bucket
- Fixed Boom
- Enclosed cab with ROPS/TOPS/FOPS Level 1
- LED worklights
- LED beacon
- Standard counterweight
- Bucket linkage with lifting hook
- Tilttable Cab (ROPS/TOPS - FOPS Level 1)

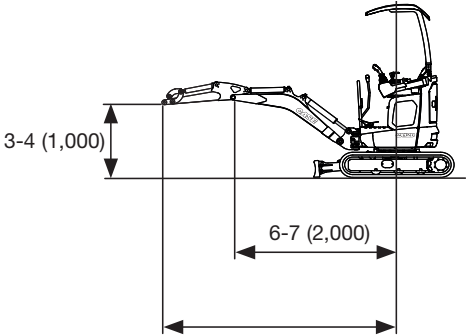
HYDRAULICS

- Variable displacement hydraulic pump
- High flow 1-1/2-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
- On display control pattern change (ISO/SAE)
- Cylinder guard on boom and dozer blade cylinders
- Mineral based hydraulic oil and lubricants
- On display Aux. 1, Aux. 2, and Aux. 3 flow setup
- On display controls customized sensitivity setup
- Aux. 1 1-1/2-way flow selection button

UNDERCARRIAGE & TRACK DRIVE

- 18" steel shoes with rubber pad 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

Standard arm L = 2-11 (900)
Long arm L = 3-4 (1,020)



OPERATOR ENVIRONMENT

- Auto climate control A/C and heating
- Adjustable air suspension heated seat with seat belt
- Travel levers with foldable foot pedals
- Joystick steering functionality
- Electro-hydraulic controlled joysticks for boom, arm, boom swing and proportional controls for Aux. 1, Aux. 2 and Aux. 3
- Electro-hydraulic blade control lever
- Engine throttle dial
- 7-inch LCD display with navigation console
- Warning light indicators
- Visual indicators
- Ignition key that opens all machine panel locks
- Operator's manual compartment
- Rear view camera
- Automatic courtesy light (in-cab/outside)
- Windshield wiper and washer
- 2-piece overhead stowable windshield
- Slide right side window
- Adjustable arm rests
- Cup holder
- Foot rests

OPTIONAL EQUIPMENT

ELECTRICAL

Electric refuel pump with auto-stop function

HYDRAULICS

Low flow 2-way auxiliary hydraulics (Aux. 3)

Aux. 2 and Aux. 3 proportional control joysticks switch button

Object handling kit with hose burst check valves on boom and arm and overload indicator light

Blade safety hose burst check valve

High constant flow 1-way mulching head auxiliary hydraulics

Automatic centralized lubrication

Attachment quick coupler auxiliary hydraulics (1-way | single effect)

Undercarriage & Track Drive:

18" steel track shoes

24" steel track shoes

Rubber belt tracks

6-way dozer blade with cutting edge, float and dual side foldable extensions

UPPER STRUCTURE

Short arm with thumb bracket

Full range of attachment quick couplers

Full range of buckets

Hydraulic thumb

Biodegradable hydraulic oil and lubricants

Ant-theft system

Additional bolt-on counterweight

Front protection guard (Level 2)

Additional slide-in counterweight (Light)

Additional bolt-on counterweight (Heavy)

OPERATOR STATION

Rearview mirrors

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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. CCE202504CX85E

Replaces Form No. CCE202502CX85E

CX85E

4 of 4