

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-cylinder in line |
| 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 / 1x 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 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: | 20,305 lb (9 210 kg) |
|--------------------------------------|----------------------|

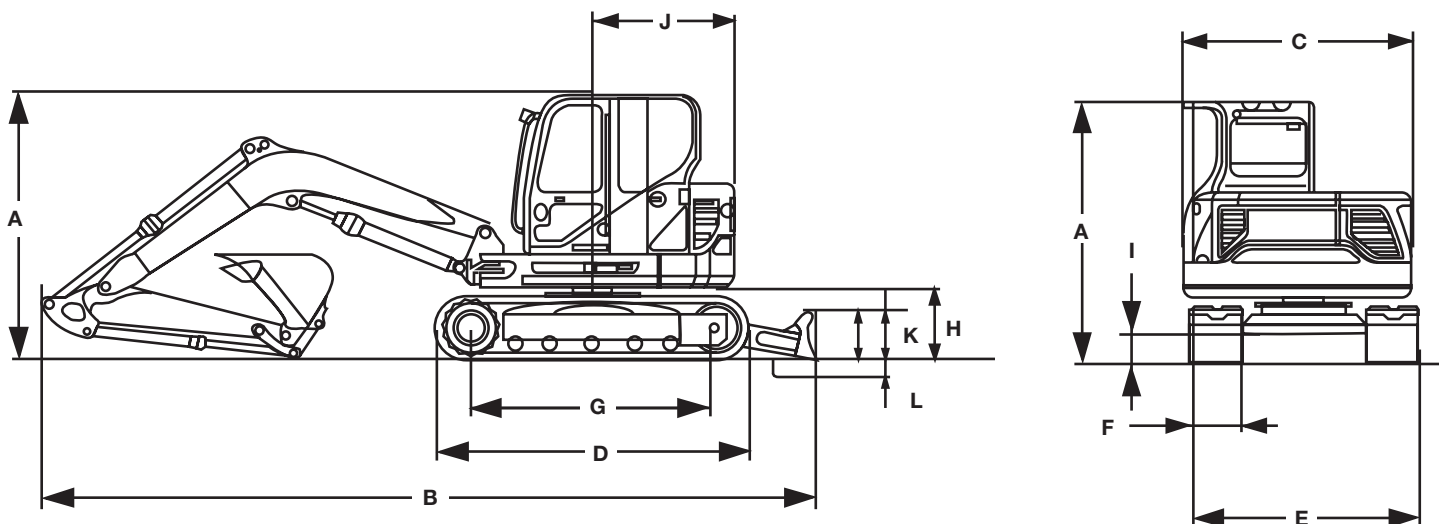
HYDRAULICS

| | |
|------------------------------------|----------------------------------------|
| 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 | 9.5 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 | 6.1 gal (23 L) |
| Engine oil | 2.6 gal (10 L) |





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

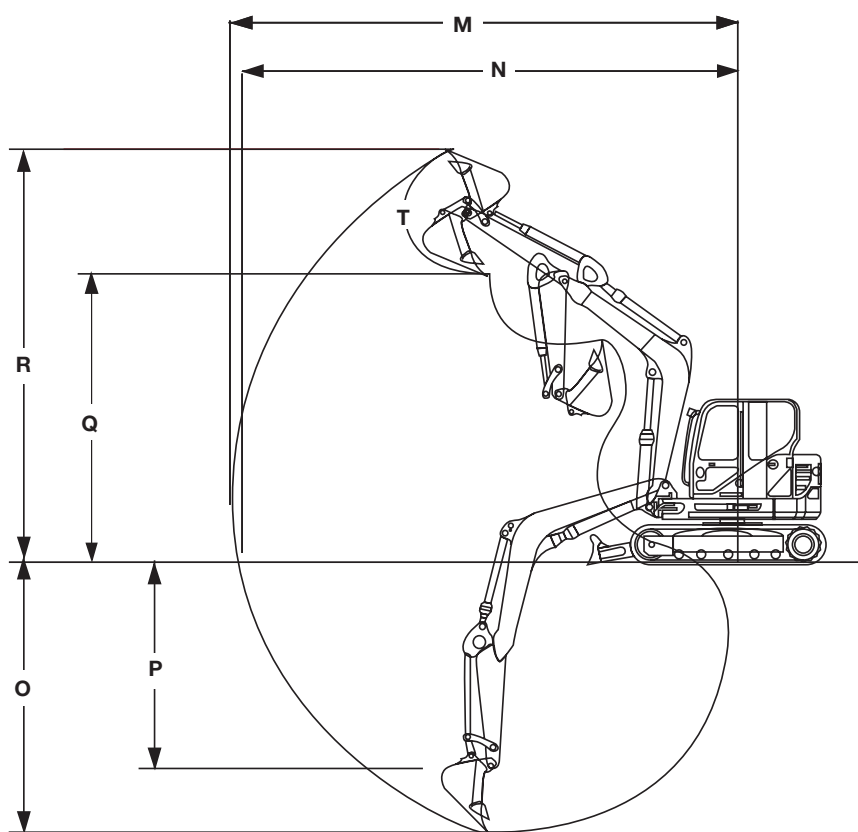
DIMENSIONS

5 ft 9 in (1.76 m) Arm

| | |
|-------------------------------------------------|-----------------------|
| A. Overall height | 8 ft 10 in (2 680 mm) |
| B. Overall transport length | 22 ft 4 in (6 802 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 | 1 ft 9 in (525 mm) |
| Boom swing | 71° left / 54° right |
| Tail swing overhang: Standard counterweight | 5 in (127 mm) |

BLADE SPECS

| | |
|-------------------------------------|----------------------|
| K. Backfill blade rise above ground | 1 ft 5 in (440 mm) |
| L. Backfill blade dig depth | 1 ft 4.5 in (420 mm) |
| Backfill blade width | 7 ft 7 in (2 320 mm) |



PERFORMANCE SPECS

| | 5 ft 9 in (1.76 m) | 6 ft 11 in (2.11 m) |
|-------------------------------------|-----------------------|-----------------------|
| M. Maximum dig radius | 22 ft 7 in (6 880 mm) | 23 ft 8 in (7 210 mm) |
| N. Dig radius at groundline | 22 ft 1 in (6 720 mm) | 23 ft 2 in (7 060 mm) |
| O. Maximum dig depth | 13 ft 7 in (4 130 mm) | 14 ft 8 in (4 480 mm) |
| P. Vertical straight wall dig depth | 9 ft 6 in (2 900 mm) | 10 ft 7 in (3 230 mm) |
| Q. Dump height | 15 ft 3 in (4 660 mm) | 16 ft (4 880 mm) |
| R. Overall reach height | 21 ft 5 in (6 530 mm) | 22 ft 2 in (6 750 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) |

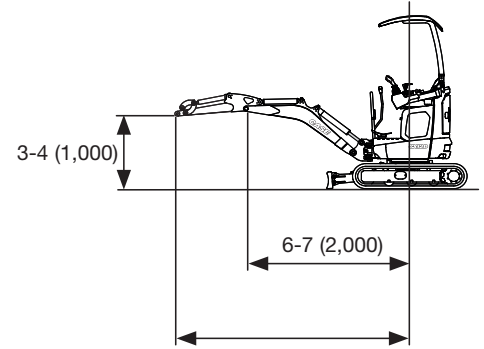
Opening arm from the rotation's center ft-in (mm)
Lifting capacity in lb (kg) at 3-4 (1,000) height

| LIFTING CAPACITY | 6 FT 7 IN (2 000 MM) | MAX |
|---------------------------------|----------------------|---------------------|
| Frontal and lowered dozer blade | 7,760 lb (3 520 kg) | 5,049 lb (2 290 kg) |
| Frontal and lifted dozer blade | 4,652 lb (2 110 kg) | 2,646 lb (1 200 kg) |
| Lateral, open undercarriage | 3,770 lb (1 710 kg) | 2,183 lb (990 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 arm L = 2-11 (900)
Long arm L = 3-4 (1,020)



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
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
MyCASEConstruction Telematics
Includes hardware and 7-yr data subscription

UPPER STRUCTURE

Zero tail swing (with standard counterweight)
Long arm with thumb bracket
Pin-on bucket
Swing 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 (AUX1)
Low flow 2-way auxiliary hydraulics (AUX2)
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 AUX1, AUX2, and AUX3 flow setup
On display controls customized
sensitivity setup
AUX1 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 up/down
Fully hydrostatic drive system
Sealed and lubricated track rollers
Hydraulically adjustable track tensioner
(with grease)
Dozer blade with float

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 joystick and
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
Footrests

WARRANTY

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

OPTIONAL EQUIPMENT

ELECTRICAL

Electric refuel pump with auto-stop function

HYDRAULICS

Low flow 2-way auxiliary hydraulics (AUX2)

AUX2 and AUX3 proportional control joysticks with switch button

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

Blade safety hose burst check valve

High constant flow 1-way mulching head auxiliary hydraulics

Automatic centralized lubrication

Attachment quick couple 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

Anti-theft system

Additional bolt-on counterweight

Front protection guard (Level 2)

Additional slide-in counterweight (Light)

Additional bolt-on counterweight (Heavy)

OPERATOR ENVIRONMENT

Rear view mirrors

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