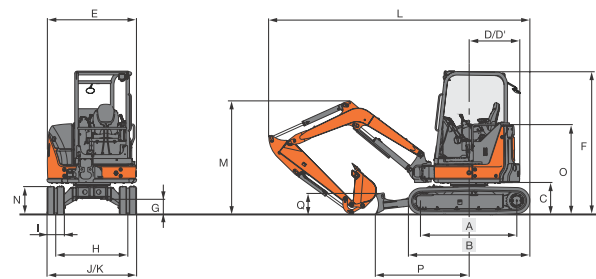


Engine	
Model	Yanmar EDM-3TNV88
Type	4Cycle Water Cooled, direct injection
No. of cylinders	3
Total Displacement	1.642L
Rated Output kW(PS)	21.2kw@2400rpm
Max Torque	105.5Nm(10.8kgfm) @1000rpm
Bore and Stroke	88mm x 90mm

Hydraulic System	
Hydraulic Pumps	
Main Pumps	2 variable Displacement axial piston pumps
Maximum Oil Flow	2 x 38.4L/min 1x22.8L/min
Pilot Pump	1 gear pump
Maximum Oil Flow	10.8L/min

Rekef Valve Settings	
Implement Circuit	250 kgf/cm ² (24.5MPa)
Swing Circuit	170kgf/cm ² (16.7Mpa)
Travel Circuit	250kgf/cm ² (24.5Mpa)
Pilot Circuit	40kgf/cm ² (3.9Mpa)

DIMENSIONS



A Distance between tumblers	1670	K Overall width	1550
B Undercarriage length	2130	L Overall length	
C Counterweight clearance	540	With 1.17 m arm	4450
D Rear-end swing radius	775	With 1.52 m arm	4530
D' Rear-end length	775	M Overall height of boom	
E Overall width of upper structure	1550	With 1.17 m arm	1510
F Overall height of cab	2470	With 1.52 m arm	1950
G Min. ground clearance	270	N Track height	470
H Track gauge	1250	O Engine cover-height	1520
I Track shoe width	300	P Horizontal distance to blade	1620
J Undercarriage width	1550	Q Blade height	360

Backhoe Attachments

Capacity	Width		Front End Attachment	
	With side cutters	Without side cutters	1.17m Arm	1.52 m Arm
0.04 m ³	300 mm(12")	250 mm(10")	A	A
0.09 m ³	500 mm(20")	450 mm(18")	A	A
0.10 m ³	550 mm(22")	500 mm(20")	B	C
0.09 m ³	600 mm(24")	550 mm(22")	C	C
0.09 m ³	650 mm(26")	600 mm(24")	C	-

A General Purpose B Light Excavation C Loading Work

BUCKET AND ARM DIGGING FORCE

Arm length	1.17 m	1.52 m
Bucket digging force ISO	27.2 kN (2 770 kgf)	27.2 kN (2 770 kgf)
Arm crowd force ISO	16.9 kN (1 720 kgf)	14.6 kN (1 490 kgf)

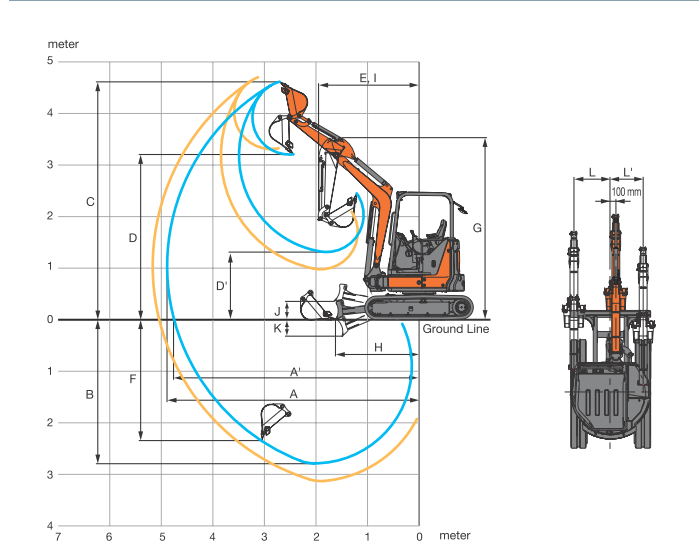
Upper Structure	
Swing speed	9.1min-1(rpm)
Swing torque	5.1kNm(520kgfm)

Under Carriages	
Number of rollers on each side	
Upper rollers	1
Lower rollers	4

Travel Device	
Travel speeds	High : 0 to 4.3. km/h Low : 0 to 2.8km/h
Maximum Traction Force	27kN(2750kgf)
Grade ability	58% (30 Degree) Continuous

Service Refill Capacities	
Fuel tank	42.0L
Engine coolant	3.9L
Engine oil	7.2L
Travel device (each side)	0.6L
Hydraulic system	56.0L
Hydraulic tank	32.0L

WORKING RANGES



Arm length		1.17 m	1.52 m
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A Max. digging reach	4 890	5 170
A' Max. digging reach on ground	4 750	5 040
B Max. digging depth	2 790	3 130
C Max. cutting height	4 620	4 470
D Max. dumping height	3 200	3 310
E Min. swing radius	1 970	2 090
F Max. vertical wall digging depth	2 330	2 530
G Front height at Min. swing radius	3 530	3 560
H Min. level crowding distance	1 610	1 480
I Working radius at Min. swing radius	1 580	1 860
J Blade bottom highest position above ground	360	360
K Blade bottom lowest position above ground	320	320
L/L' Offset distance	610 / 735	610 / 735

ZAXIS-5A series

TATA HITACHI

Reliable solutions

ZAXIS33U



HYDRAULIC EXCAVATOR

Model	: Zaxis 33U-5A
Engine Power	: 28.4 HP / 21.2 kW
Operating Weight	: 3270- 3650 kg
Bucket Capacity	: 0.04 – 0.11 m ³
Variant Options	: Canopy/Cabin/Long Arm

The Specifications are subject to change without prior notice. The Machine depicted may vary from the actual Machine Please contact our nearest office for latest specifications. Accessories shown here are not part of the standard equipment Performance of the machine may vary with site and operating conditions encountered

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Toll Free: 1800 3456 500

Authorised Dealer

OPERATOR COMFORT

Comfortable Operator Station to Yield High Production



Pleasant Operator Environment

Hitachi cabs and canopies have been traditionally praised for operator comfort. They are spacious with ample leg room.

The console and seat are designed ergonomically, standing for operator comfort.

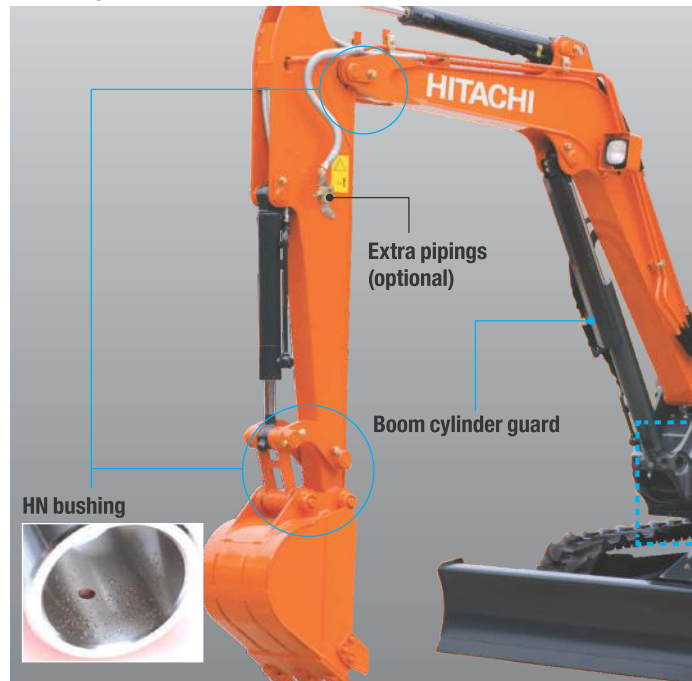
When sitting in the operator station, the operator will not feel rusticated. The foot step is lowered for easy access. A host of devices, including arm rests, drink holder and seat back box, enhance operator comfort.

A host of devices, including arm rests, drink holder and seat back box, enhance operator comfort.



DURABILITY

Technological Prowess and Stringent Quality Control



Strong Front Attachment

Front pins are jointed with a tight fit to reduce jerking and noise significantly, enhancing durability. Those pins are lubricated with HN bushings having an abundant grease-retaining capacity, extending greasing intervals up to 500 hours.

Main hoses are sheathed with hose protectors at the swing post. The bottom side of the boom cylinder is protected with a V-shaped boom cylinder guard. The four-side reinforced arm is sturdy with high rigidity.

Rugged Box-Section Blade

The blade is box-section structure for higher ruggedness, and its stays have openings for easy flow-out of mud.



Box-section blade

Sturdy Upperstructure

The upperstructure frame is reinforced with job-proven D-section skirts whose height is increased for larger cross section to boost durability against obstacles.



D-section frame skirt

SIMPLIFIED MAINTENANCE

Easy servicing, day -in day -out



Customised for Indian Operating Conditions with Zero Tail Swing

- Greater Stability
- Strengthened Front Attachments
- Higher Digging Forces
- Easy to Maintain
- Air Pre Cleaner
- Strong Upper Structure
- ROPS /FOPS Canopy
- Mechanical Governor (Minimal Electronics)



Easy-to-Clean Cab Floor

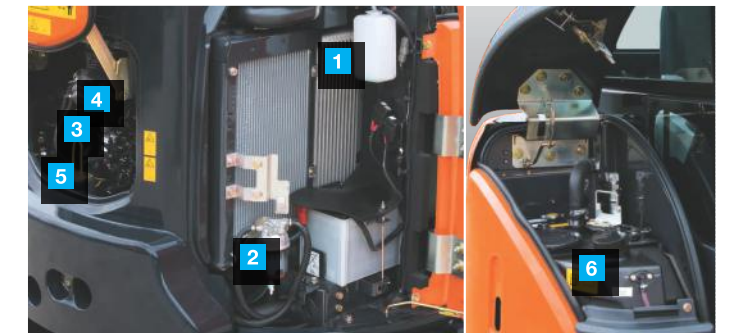
The radiator and oil cooler are arranged in parallel, instead of conventional in-line arrangement, to promote easy, efficient cleaning and cooling. Their wavy fins can be easily cleaned by air blowing.

Dust-proof indoor nets provide for easy removal of debris and dirt. A split-type floor mat can easily be removed at a seam between foot pedals and cab floor, and its surface patterns allow for quick sweeping.

Open-Wide Covers for Easy Maintenance

All covers are wide-opening for direct access to service points, allowing for quick daily inspection and replacement. A cover adjacent to the radiator extends vertically to easily clean the radiator. A refueling port is placed inside the cover to avoid dirt entry and fuel theft.

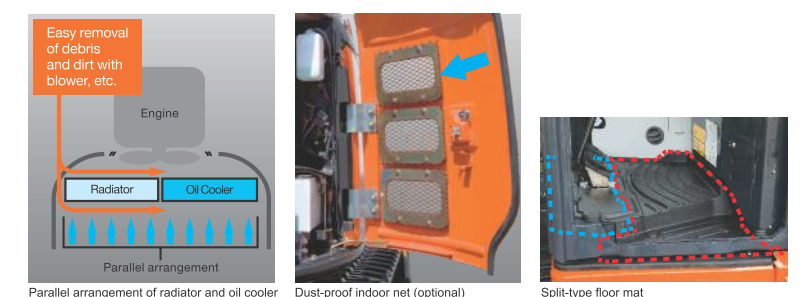
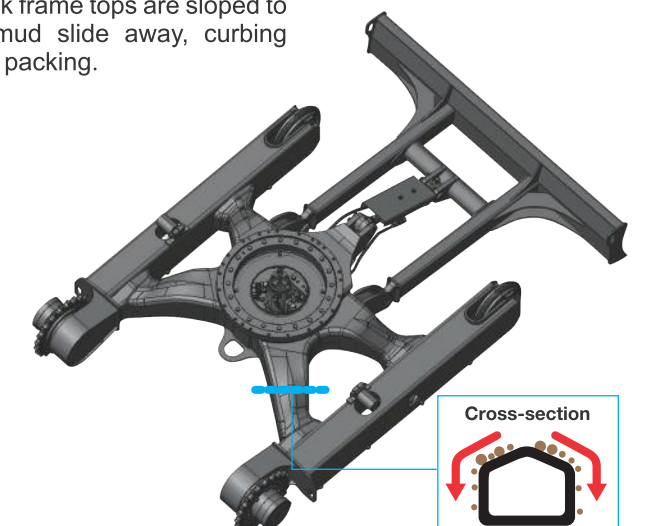
A new tank cover is lightweight and wide-opening for easy refueling.



- 1 Reserve tank
- 2 Water separator
- 3 Fuel filter
- 4 Air filter
- 5 Engine oil filter
- 6 Fuel tank

Sloped Track Frame Tops for Easy Mud Removal

Track frame tops are sloped to let mud slide away, curbing mud packing.



Parallel arrangement of radiator and oil cooler

Dust-proof indoor net (optional)

Split-type floor mat