

THE MIGHTY MINI

ZAXIS 40U



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Discover the next level of compact performance with the all-new ZAXIS 40U.

Engineered with advanced Japanese technology, it delivers exceptional power, precise control, and superior efficiency — ensuring outstanding productivity with optimized operating costs.



SUPERIOR PERFORMANCE

Powered by a reliable Yanmar engine and proven Hitachi hydraulics, the ZAXIS 40U delivers strong and consistent performance.



Optimized bucket capacity and faster cycle times ensure higher productivity across a wide range of applications.

Designed to handle demanding tasks with ease, ZAXIS 40U ensures smooth operation and dependable output in every cycle.

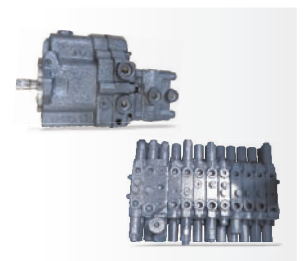


UNMATCHED RELIABILITY



Built with a robust structure and durable undercarriage, the ZAXIS 40U is designed to perform reliably in demanding conditions.

High-quality hydraulic pump and control valve ensure consistent performance and long-term dependability.



Engineered for durability, ZAXIS 40U minimizes downtime and delivers reliable operation across every job site.

SUPERIOR PERFORMANCE



- Yanmar engine
- Proven hydraulic system
- High digging force
- Faster cycle times
- Greater reach & depth
- Larger bucket capacity

EXCEPTIONAL COMFORT



- FOPS & TOPS canopy
- Ergonomic operator seat
- Multi-function monitor
- Canopy fan provision
- LED lighting package
- Emergency safety switch

EASE OF OPERATION



- Zero tail swing
- Boom swing function
- Compact machine design
- Easy maneuverability

ASSURED SUPPORT & EASY MAINTENANCE



- Wide dealer network
- Mobile workshop support
- Field diagnostic vehicle
- Wide opening covers
- Easy service access
- Quick cleaning design

UNMATCHED RELIABILITY



- Robust machine structure
- Heavy-duty undercarriage
- Durable aggregates
- Reliable pump & motor
- Long component life
- Consistent performance

EASY TRANSPORTABILITY



- Easily transportable on a small carrier/ pickup vehicle
- Quick loading and unloading
- Convenient site mobility



MAXIMUM RETURN ON INVESTMENT



- High fuel efficiency
- Low operating cost
- Reduced maintenance cost
- Higher uptime
- Strong resale value

VERSATILE CAPABILITY



Suited for wide range of attachments:

- Rockbreaker
- Auger
- Mulcher
- Trencher
- Hedgetrimmer

EXCEPTIONAL COMFORT

Designed with the operator in mind, the workstation offers a safe and comfortable working environment with FOPS & TOPS compliant canopy.



Thoughtfully integrated features like a comfortable seat, canopy fan, and multi-functional monitor enhance ease of operation.



LED lights and the roof lamp ensure better visibility in low-light working conditions, while safety features such as the emergency cutoff switch support confident operation.



EASE OF OPERATION



ZAXIS 40U offers excellent versatility across a wide range of applications.

Zero tail swing design, boom swing functionality, and a compact footprint enable efficient operation in tight and confined spaces.



Easy to transport and quick to deploy, ZAXIS 40U ensures convenience and productivity across multiple job sites.

MAXIMUM RETURN ON INVESTMENT



High fuel efficiency helps reduce operating costs and improve overall profitability.

Low maintenance requirements and easy service access minimize downtime and keep the machine running efficiently.

Strong resale value ensures better returns, making ZAXIS 40U a smart long-term investment.

HYDRAULIC OIL CHANGE INTERVAL 3000 HOURS

ASSURED SUPPORT & EASY MAINTENANCE

A strong dealer network, supported by Field Diagnostic Vehicles and mobile workshops, ensures timely assistance and reliable service support.



Mobile Workshop



Field Diagnostic Vehicle

Quick response and on-site solutions help minimize downtime and keep operations running smoothly.

Wide opening covers, easy access points, and quick cleaning features simplify maintenance and enhance overall convenience.



SPECIFICATIONS

ENGINE

Model.....Yanmar - 3TNV88
Type.....4 Cycle water cooled, direct injection
Engine Power (Gross) (ISO 14396 : 2002).....22.0 kW (29.9 PS) @ 2400 rpm
Total displacement.....1.642 L
Max torque105.5 Nm @ 1000 rpm
Battery.....1 x 12 V / 55 Ah

HYDRAULIC SYSTEM

Hydraulic Pump.....2 Variable displacement axial piston pumps, 1 gear pump
Maximum oil flow2 x 38.4 L/min, 1 x 22.8 L/min
Pilot pump.....1 Gear pump
Maximum oil flow10.8 L/min

RELIEF VALVE SETTINGS

Implement circuit.....250 kgf/cm²
Swing circuit.....190 kgf/cm²
Travel circuit.....250 kgf/cm²
Pilot circuit.....40 kgf/cm²

DIGGING FORCES

Boom length.....2.47 m
Arm length.....1.32 / 1.72 m
Bucket Digging Forces (ISO 6015 : 2006).....2770 kgf
Arm Crowding Forces (ISO 6015 : 2006).....1937 kgf / 1720 kgf

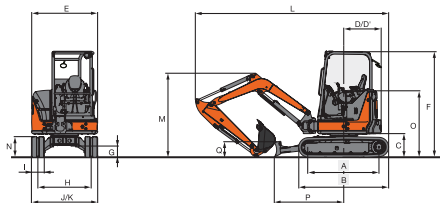
BUCKETS (ISO 7451 : 2007 heaped)

Capacity	Width		No. of tooth point	Capacity	
	With side cutter	With out side cutter		1.32m arm	1.72m arm
*0.12 m ³	687	666	4	A	NA
0.11 m ³	642	621	4	A	A
0.04 m ³	293	250	2	A	A

A General purpose

* Standard bucket

DIMENSIONS



Unit: mm

A Distance between tumblers	1670	J Undercarriage width	1740
B Undercarriage length	2130	K Overall width	1740
C Counterweight clearance	540	L Overall length	
D Rear-end swing radius	870	With 1.32 m arm	4640
D' Rear-end length	870	With 1.72 m arm	4760
E Overall width of upper structure	1550	M Overall height of boom	
F Overall height of cab	2470	With 1.32 m arm	1530
G Min. ground clearance	270	With 1.72 m arm	1990
H Track gauge	1440	N Track height	470
I Track shoe width	300	O Engine cover-height	1520
		P Horizontal distance to blade	1620
		Q Blade height	360

UNDERCARRIAGE

Travel Speed4.3 - 2.8 kmph
Max Traction force2750 kgf
Gradeability58 % (30°)
No. of upper Roller1 X 2
No. of lower Roller.....4 X 2
No. of Track shoe.....44 X 2
Shoe width.....300 mm

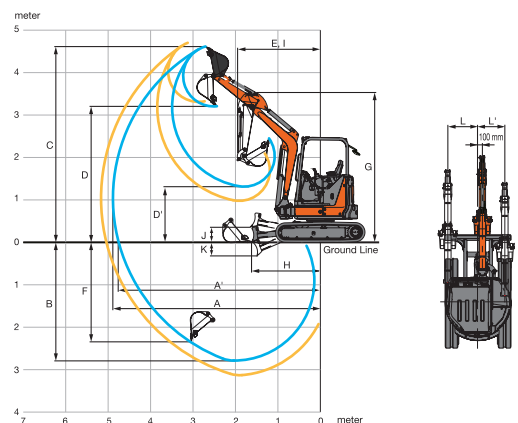
UPPER STRUCTURE

Swing Speed9.1 rpm
Swing torque6.0 kNm
Boom Swing left.....72°
Boom Swing Right.....62°

SERVICE REFILL CAPACITIES

Fuel tank42 L
Hydraulic System56 L
Hydraulic oil32 L
Travel device (Each side)0.6 L
Engine oil6.7 L
Engine coolant3.4 L

WORKING RANGES



Unit: mm

		1.32 m	1.72 m
A	Max. digging reach	5210	5520
A'	Max. digging reach (on ground)	5080	5410
B	Max. digging depth	3060	3460
C	Max. cutting height	4870	4950
D	Max. dumping height	3460	3570
E	Min. swing radius	2070	2190
F	Max. vertical wall digging depth	2580	2780
G	Front height at Min. swing radius	3720	3760
H	Min. level crowding distance	1610	1570
I	Working radius at Min. swing radius	1670	1770
J	Blade bottom highest position above ground	360	360
K	Blade bottom lowest position above ground	400	400
L/L'	Offset distance	610/735	610/735

All dimensions are in mm

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OUR RANGE OF PRODUCTS



Authorised Dealer

These 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.