

Southeast Asia ZAXIS48U

HITACHI

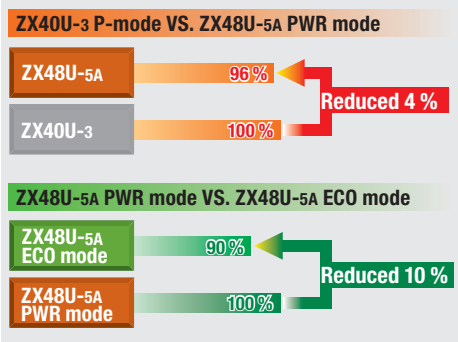
Reliable solutions

Hitachi Orange Stands for High Productivity in Green Palm Plantations



LOWER FUEL CONSUMPTION

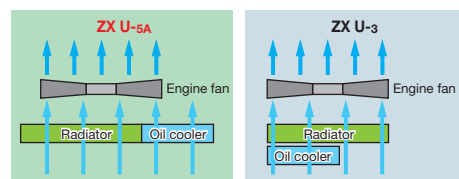
New Added ECO mode



SIMPLIFIED MAINTENANCE

New Parallel Arranged Cooling Package

Easier cleaning and improved cooling efficiency by a parallel arrangement



OPERATOR COMFORT

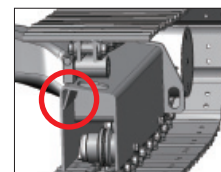
New Multi-Function Monitor

Using the multi-function monitor to facilitate viewing and operation



Durability/Reliability/Safety

New Reinforced upper rollers



The addition of reinforcing plates to upper rollers strengthens the undercarriage even more, so the machine can move around on marshes and grades in wide palm plantations.

ENGINE

Model	EDM-4TNV88
Type	4-cycle water-cooled, direct injection
No. of cylinders	4
Rated power	
ISO 9249, net	28.2 kW (37.8 HP) at 2 400 min ⁻¹ (rpm)
Piston displacement	2.189 L

HYDRAULIC SYSTEM

Hydraulic Pumps

Main pumps	1 variable displacement axial piston pumps
Maximum oil flow	1 x 120 L/min
Pilot pump	1 gear pump
Maximum oil flow	12.0 L/min

Hydraulic Motors

Travel	2 variable displacement axial piston motors
Swing	1 axial piston motor

Relief Valve Settings

Implement circuit	24.5 MPa (250 kgf/cm ²)
Swing circuit	18.3 MPa (187 kgf/cm ²)
Travel circuit	24.5 MPa (250 kgf/cm ²)
Pilot circuit	5.9 MPa (60.2 kgf/cm ²)

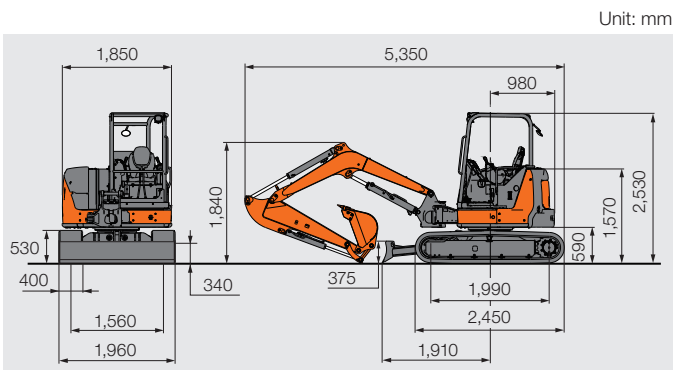
UPPERSTRUCTURE

Swing speed	9.0 min ⁻¹ (rpm)
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UNDERCARRIAGE

Travel speeds	High : 0 to 4.2 km/h
	Low : 0 to 2.5 km/h
Maximum traction force	38.3 kN (3 905 kgf)
Gradeability	58% (30 degree) continuous

DIMENSIONS



BUCKET AND ARM DIGGING FORCE

Arm length	1.38 m
Bucket digging force ISO	32.1 kN (3 270 kgf)
Bucket digging force SAE : PCSA	27.9 kN (2 850 kgf)
Arm crowd force ISO	24.0 kN (2 450 kgf)
Arm crowd force SAE : PCSA	22.8 kN (2 330 kgf)

BUCKETS

Capacity ISO heaped	Width		No. Of teeth	Weight	Recommendation	
	Without side cutters	With side cutters			1.38 m arm	1.69 m arm
0.14 m ³	550 mm	600 mm	4	109 kg	◎	◇

◎ Suitable for materials with density of 2 000 kg/m³ or less

◇ Suitable for materials with density of 1 100 kg/m³ or less

WEIGHTS AND GROUND PRESSURE

Operating Weight and Ground Pressure

Equipped with 2.68 m boom, 1.38 m arm and 0.14 m³ bucket (ISO heaped)

4-PILLAR CANOPY

Shoe type	Shoe width	kg	kPa (kgf/cm ²)
Grouser shoe	400 mm	4 650	26 (0.27)

CAB

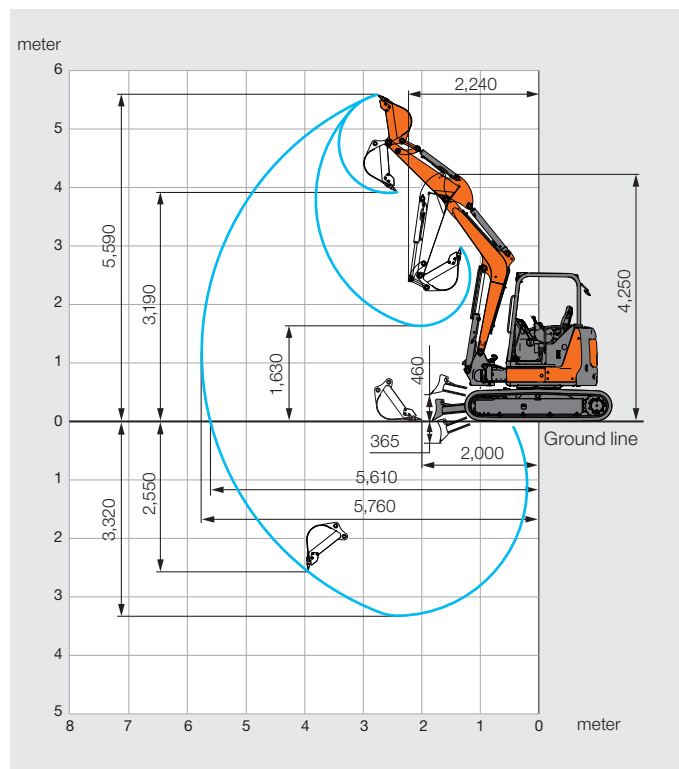
Shoe type	Shoe width	kg	kPa (kgf/cm ²)
Grouser shoe	400 mm	4 780	27 (0.28)

SERVICE REFILL CAPACITIES

Fuel tank	70.0 L
Engine coolant	4.7 L
Engine oil	8.6 L
Travel device (each side)	0.9 L
Hydraulic system	66.0 L
Hydraulic oil tank	42.0 L

WORKING RANGES

Unit: mm



These specifications are subject to change without notice.

Illustrations and photos show the standard models, and may or may not include optional equipment, accessories, and all standard equipment with some differences in color and features.

Before use, read and understand the Operator's Manual for proper operation.