

ZAXIS470



3.2 m³ Large Bucket



HYDRAULIC EXCAVATOR

Model Code : ZX470LC-5G
Engine Rated Power : 235 kW (315 HP)
Operating Weight : 47 900 kg
Backhoe Bucket : ISO Heaped : 3.20 m³

SPECIFICATIONS

ENGINE

Model	Isuzu AA-6WG1TQA
Type	4-cycle water-cooled, direct injection
Aspiration	Turbocharged
No. of cylinders	6
Rated power	
ISO 9249, net	H/P mode:
(With Fan)	235 kW (315 HP) at 1 800 min ⁻¹ (rpm)
Piston displacement ..	15.681 L

HYDRAULIC SYSTEM

Hydraulic Pumps

Main pumps	2 variable displacement axial piston pumps
Maximum oil flow ..	2 x 360 L/min

Hydraulic Motors

Travel	2 axial piston motors with parking brake
Swing	2 axial piston motors

Relief Valve Settings

Implement circuit	31.9 MPa (325 kgf/cm ²)
Swing circuit	28.4 MPa (290 kgf/cm ²)
Travel circuit	35.3 MPa (360 kgf/cm ²)

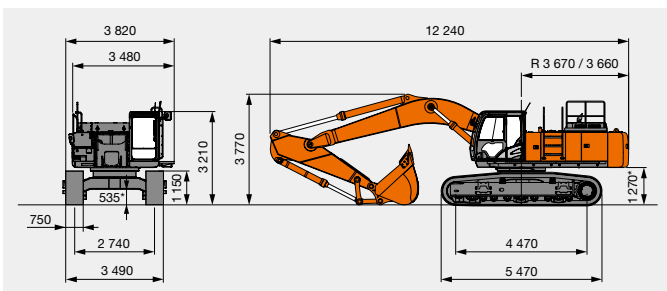
UPPERSTRUCTURE

Swing speed	9.0 min ⁻¹ (rpm)
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UNDERCARRIAGE

Travel speeds	High / Low : 0 to 5.1 km/h / 0 to 3.8 km/h
Maximum traction force ..	329 kN (33 600 kgf)
Gradeability	70% (35 degree) continuous

DIMENSIONS



*Excluding track shoe lug

BUCKET AND ARM DIGGING FORCES

	7.0 m H-boom / 2.5 m BE-arm
Bucket digging force* ISO	285 kN (29 100 kgf)
Bucket digging force* SAE : PCSA	257 kN (26 200 kgf)
Arm crowd force* ISO	294 kN (30 000 kgf)
Arm crowd force* SAE : PCSA	285 kN (29 100 kgf)

*At power boost

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.

WEIGHTS AND GROUND PRESSURE

ZX470LC-5G :

Equipped with 7.0 m H-boom, 2.5 m BE-arm and 3.20 m³ bucket (ISO heaped).

Shoe type	Shoe width	kg	kPa (kgf/cm ²)
Triple grouser	750 mm	47 900	65 (0.66)

SERVICE REFILL CAPACITIES

Fuel tank	705.0 L
Engine coolant	61.0 L
Engine oil	55.0 L
Swing device (each side)	6.5 L
Travel device (each side)	11.0 L
Hydraulic system	510.0 L
Hydraulic oil tank	310.0 L

BUCKET

Capacity		Width		No. of teeth	Weight	Recommendation
ISO heaped	CECE heaped	Without side cutters	With side cutters			7.0 m H-boom
3.20 m ³	2.80 m ³	1 760 mm	1 900 mm	5	2 340 kg	◎
						2.5 m BE-arm

◎Suitable for material with density of 1 800 kg / m³ or less

WORKING RANGES

