

ZAXIS 95 US 2-PIECE BOOM

Reliable Solutions



ZX95US-7 2PB

The new ZX95US-7 2PB is a game-changer in its class. The two-piece boom configuration makes it suitable for a wide range of applications. Its expanded reach capabilities will boost productivity, particularly when dumping and in high-reach operations. Exceptionally versatile, its compact size and short turning radius enable this model to work safely and efficiently in confined spaces. Like the ZX95US-7 mono-boom, it offers excellent visibility from the cab with a 270-degree bird's eye view that enhances safety on the job site. The ultra-spacious and ergonomically designed cab ensures a high level of operator comfort. And the Stage V-compliant engine will reduce life-cycle costs.

ZX95US-7 2PB

Engine rated power: 50.4 kW

Operating weight: 9 310 - 9440 kg

Bucket ISO heaped: 0.28 m³

Discover the benefits

- ✓ Extended reach capabilities.
- ✓ Powerful performance with enhanced stability and digging force.
- ✓ Outstanding safety with 270-degree bird's-eye view from the cab.
- ✓ Compact size and short turning radius for restricted areas.
- ✓ Ultra-spacious, comfortable, and easily accessible cab.
- ✓ Easy access for maintenance.
- ✓ Reduced life-cycle costs – the Stage V-compliant engine does not require an SCR system.

SPECIFICATIONS

Engine and hydraulic system	
Engine model	4TNV98CT
Engine type	4-cycle water-cooled, common rail direct injection exhaust turbo charger
Aspiration	Cooled EGR
Aftertreatment	Muffler filter
No. of cylinders	4
Rated power (ISO 14396)	ISO 14396 : 2002 gross 50.4 kW at 2 000 min ⁻¹
Maximum torque	292.9 Nm at 1 300 min ⁻¹
Main pumps	3 variable displacement axial piston pumps
Maximum oil flow main pump	2 x 72 L/min and 1 x 56 L/min
Pilot pump	1 gear pump
Maximum oil flow pilot pump	20.0 L/min

Bucket and arm digging force	
Bucket digging force ISO	57.5 kN
Arm crowd force ISO	40.2 kN

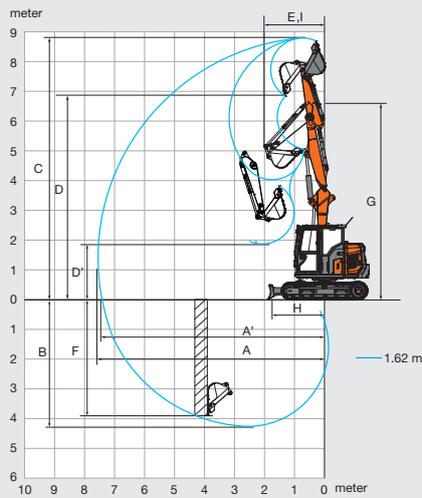
Operating weight and ground pressure	
Shoe type	Rubber / Grouser / Pad
Shoe width	450 mm
2-Piece weight	9 310 - 9 440 kg
2-Piece pressure	44 - 45 kPa
Additional counterweight	430 kg

Working ranges	
Arm length	1.62 m
Maximum digging reach	7 540 mm
Maximum digging depth	4 250 mm
Maximum dumping height	6 830 mm

Dimensions	
Undercarriage length	2 900 mm
Undercarriage width	2 200 mm
Overall width of upperstructure	2 260 mm
Overall height of cab	2 530 mm
Overall width	2 260 mm

SPECIFICATIONS

WORKING RANGES

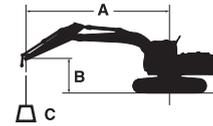


Excluding track shoe lug

Unit: mm	ZX95US-7	ZX95US-7
	2-Piece boom	Mono-boom comparison
Arm length	1.62 m	2.12 m
A Max. digging reach	7 542	6 870
A' Max. digging reach (on ground)	7 410	6 720
B Max. digging depth	4 257	4 650
C Max. cutting height	8 787	7 580
D Max. dumping height	6 838	5 480
D' Min. dumping height	1 873	1 950
E Min. swing radius	2 022	2 120
F Max. vertical wall digging depth	3 891	4 260
G Front height at Min. swing radius	6 669	5 570
H Min.level crowding distance	1 890	1 630

MACHINE CAPACITIES

- Notes:
1. Ratings are based on ISO 10567 : 2007.
 2. Machine capacity does not exceed 75% of tipping load with the machine on firm, level ground or 87% full hydraulic capacity.
 3. The load point is the center-line of the bucket pivot mounting pin on the arm.
 4. *Indicates load limited by hydraulic capacity.
 5. 0 m = Ground.



- A: Load radius
B: Load point height
C: Machine capacity

For machine capacities, subtract installed attachment and quick coupler weight from machine capacities.

To determine lifting capacities, apply "Rating over-side or 360 degrees" machine capacities from the table and deduct weight of installed attachment and quick coupler.

Optional feature may affect machine performance.

ZAXIS 95US-7 2-Piece boom, Blade above

Rating over-front Rating over-side or 360 degrees Unit : kg

Conditions	Load point height (m)	Load radius												At max. reach		
		1.0 m		2.0 m		3.0 m		4.0 m		5.0 m		6.0 m		meter		
2 piece boom Arm 1.62 m Counterweight 1 595 kg Grouser shoe 450 mm	6.0					*2 930	*2 930	*2 410	2 100					*1 980	1 650	4.52
	5.0			*2 230	*2 230	*2 820	*2 820	*2 410	2 090	1 790	1 440			1 550	1 240	5.37
	4.0							*2 490	2 010	1 760	1 410			1 300	1 040	5.93
	3.0							2 390	1 880	1 700	1 360	1 280	1 020	1 170	940	6.28
	2.0									1 640	1 300	1 250	1 000	1 120	890	6.46
	1.0									1 590	1 250	1 230	970	1 110	880	6.47
	0 (Ground)								*2 070	1 660	1 560	1 230	1 220	970	*970	910

Prior to operating this machine, including the satellite communication system, in a country other than a country of its intended use, it may be necessary to make modifications so that it complies with the local regulatory standards (including safety standards) and legal requirements of that particular country. Please do not export or operate this machine outside the country of its intended use until such compliance has been confirmed. Please contact your Hitachi dealer in case of questions about compliance.

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