

ZAXIS 375us

Reliable Solutions

**ZX375USLC-7**

The ZX375USLC-7 is the newest addition and largest machine of our ultra short-tail swing line-up, ideal for confined environments where heavy-duty lifting is required. Equipped with Hitachi's market-leading TRIAS hydraulic system, this machine offers exceptional hydraulic power, unmatched controllability, and enhanced fuel efficiency, ensuring superior performance on any job site. Thanks to its superior stability and advanced hydraulics, the ZX375USLC-7 provides industry-leading lifting capabilities—even at a 9-meter reach—both along and perpendicular to the tracks. Operators can enjoy outstanding comfort with the lowest noise level inside the spacious cab, synchronized console, and temperature-adjusting storage system. The stage-V compliant engine will reduce lifecycle-costs.

ZX375USLC-7

Engine rated power: 197 kW (ISO: 14396) / 186 kW (ISO: 9249)

Operating weight: 35 600 kg

Bucket capacity: 1.00 – 1.62 m³

Discover the benefits

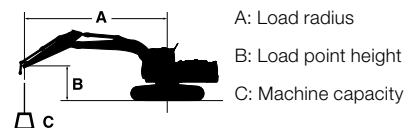
- ✓ Exceptional lifting capacity combined with short tail radius, ideal for limited space and heavier loads.
- ✓ Excellent comfort in the cab with integrated console and seat suspension, reduced noise and low vibration levels.
- ✓ Stage-V compliant engine for reduced lifecycle-costs.
- ✓ Increased safety with the 270-degree bird's eye view from the cab.
- ✓ Hitachi-approved breakers are easy to maintain, user-friendly, and high-quality materials ensure a long lifetime.
- ✓ Hitachi ground engaging tools (GET) fit precisely to your attachments, and are quick and safe to install and replace.

SPECIFICATIONS

Engine and hydraulic system	
	ZX375USLC-7
Engine model	Isuzu 6HK1X
Engine type	4-cycle water-cooled, common rail direct injection
Aspiration	Variable geometry turbocharged, intercooled, cooled EGR
Aftertreatment	DOC + CSF + SCR system
No. of cylinders	6
Rated power	197 kW (ISO: 14396) / 186 kW (ISO: 9249)
ISO 14396 : 2002 gross	197 kW at 1900 min ⁻¹
Maximum torque	1 050 Nm at 1 500 min ⁻¹
Main pumps	3 variable displacement axial piston pumps / piston displacement 7.79 L
Maximum oil flow main pump	2 x 236 L/min / 1 x 211 L/min
Pilot pump	1 gear pump
Maximum oil flow pilot pump	36.9 L/min
Bucket and arm digging force	
Bucket digging force* ISO 6015 : 2006	202 kN
Arm crowd force* ISO 6015 : 2006	144 kN
* At power boost	
Operating weight and ground pressure	
Shoe type	Triple grouser
Shoe width	600 mm
Arm length	3.11 m
Monoblock boom operating weight	35 600 kg
Monoblock boom ground pressure	66.5 kPa
Working ranges	
Arm length	3.11 m
Monoblock boom	
Maximum digging reach	10 900 mm
Maximum digging depth	6 920 mm
Max. dumping height	8 380 mm
Dimensions	
Undercarriage length	4 970 mm
Undercarriage width	3 190 mm
Overall width of upperstructure	3 050 mm
Overall height of cab	3 150 mm
Overall width	3 190 mm
Overall length (with 3.11 m arm)	9 980 mm
Overall height of boom (with 3.11 m arm)	3 380 mm

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.



For machine capacities, subtract installed attachment and quick hitch 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 hitch.
Optional feature may affect machine performance.

ZX375USLC-7 MONOBLOCK BOOM

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

Conditions	Load point height m	Load radius												At max. reach		
		1.5 m		3.0 m		4.5 m		6.0 m		7.5 m		9.0 m				
																meter
Boom 6.20 m Arm 3.11 m Counterweight 8680 kg Shoe 600 mm	7.5							*7780	*7780	*5620	*5620			*4780	*4780	7.68
	6.0							*8690	*8690	*7850	6110			*4620	*4620	8.54
	4.5					*12680	*12680	*9980	8320	*8620	5920	*5120	4420	*4660	4360	9.07
	3.0					*15920	11880	*11470	7860	*9350	5690	*6970	4320	*4850	4090	9.31
	1.5					*14970	11180	*12650	7480	9250	5480	7070	4220	*5240	4020	9.30
	0(Ground)					*15930	10920	12720	7240	9090	5340	*6290	4160	*5890	4140	9.04
	-1.5			*10680	*10680	*17140	10890	12630	7160	9030	5280			*7030	4490	8.49
	-3.0			*17120	*17120	*15140	11030	*11510	7220	*8540	5360			*8320	5280	7.60
	-4.5			*14920	*14920	*11520	11340	*8340	7480					*7810	7160	6.21

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.