HITACHI

ZAXIS 600/650H

■ **Engine Rated Power** : 295 kW (400 PS)

■ **Operating Weight**

ZAXIS600/ZAXIS600LC : 56 000—58 600 kg

ZAXIS650H/ZAXIS650LCH : 57 600—58 400 kg

■ **Backhoe Bucket**

SAE, PCSA Heaped : 1.5—3.5 m^3

CECE Heaped : 1.3—3.1 m^3

Futuristic Performance

High Productivity
A truly high performance machine

- ZAXIS600: 12% more production in P mode (compared to EX550-5).
- 295 kW (400 PS) powerful engine.
- H/P mode newly used in this model.
- 2.8 m³ [Heavy-duty version] / 2.7 m³ [Standard version] Large capacity bucket.
- ZAXIS650H: 6% [Bucket] / 15% [Arm] more digging force(compared to EX600H-5).
- Less fuel consumption during light-load operation from auto acceleration system.

Lower Running Costs
Stronger Structural component design

- Durable bucket joint.
- Reinforced side steps.

Lower Maintenance Costs
Reduced maintenance time and expense

- Convenient maintenance doors are provided in the engine cover for quick and easy inspections.
- Auto-grease lubricator and electric grease gun.(Option)

CRES (Center pillar Reinforced Structure) Cab: ZAXIS600 series
Rugged Pressurized Cab with Integrated Headguard: ZAXIS650H series

- Low noise and vibration in cab.
- Boom mode selector helps to control shock and vibration.
- Auto control air conditioner.

Notes *:*

1. Never leave the front attachment in a raised position.
Make sure the front attachment is lowered to the ground before leaving the equipment unattended. (Some of the pictures in this catalog show an unmanned machine with attachments in an operating position. These were taken for demonstration purposes only and the actions shown are not recommended under normal operating conditions.)
2. Caution plates on the machine will vary according to country.
3. Photos include optional equipment.

ZAXIS

Improved Productivity & Faster Work Completion

ZAXIS uses advanced technology to reduce costs while working faster.

12% increase
in production (in P mode)
(compared to EX550-5)

Swing Power You Can Depend on

● Swing power 11% up:

151 kN (15 400 kgf) EX550-5 ▶ **167 kN (17 000 kgf)**

Work Modes for Increased Performance

The four work modes have been enhanced over prior models.

1. General purpose mode
2. Trench digging mode
3. Attachment mode
4. Precision mode

Large Displacement Engine Creates Power for High Productivity

● Engine rated power:

272 kW (370 PS) EX550-5 ▶ **295 kW (400 PS)**

● Engine displacement:

12.88 L EX550-5 ▶ **15.68 L**

Excavating Power for Tough Job Site

A powerful engine and efficient hydraulic system team up to boost maximum excavating power. It has the power to take on tough job site.

● Bucket:

282 kN (28 700 kgf) EX550-5 ▶ **290 kN (29 600 kgf)** ZAXIS600

288 kN (29 400 kgf) EX600H-5 ▶ **306 kN (31 200 kgf)** ZAXIS650H

● Arm:

216 kN (22 000 kgf) EX550-5 ▶ **222 kN (22 700 kgf)** ZAXIS600

218 kN (22 200 kgf) EX600H-5 ▶ **250 kN (25 500 kgf)** ZAXIS650H

Large Bucket Capacity Boosts Productivity

The ZAXIS600 has a bucket capacity that contributes to its productivity. It has been designed to resist wear. The rock bucket has lateral-type wear plates that are easy to replace.

● Backhoe bucket:

2.5 m^3 EX550-5 ▶ **2.7 m^3**

● Rock bucket:

2.5 m^3 EX600H-5 ▶ **2.8 m^3**

Travel Power and Speed You Can Depend on

● Travel power 5% up:

297 kN (40 500 kgf) EX550-5 ▶ **417 kN (42 530 kgf)**

● Travel speed 6% up:

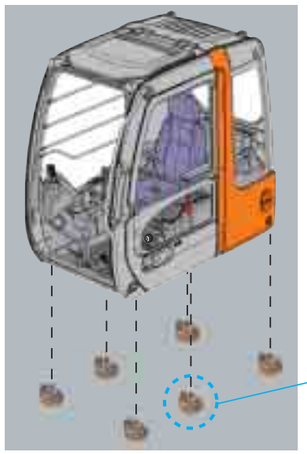
4.7 km EX550-5 ▶ **5.0 km**

ZAXIS

Minimum Effort Maximum Efficiency

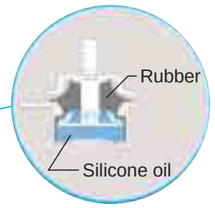
The operator's compartment is designed for both comfort and operating efficiency.

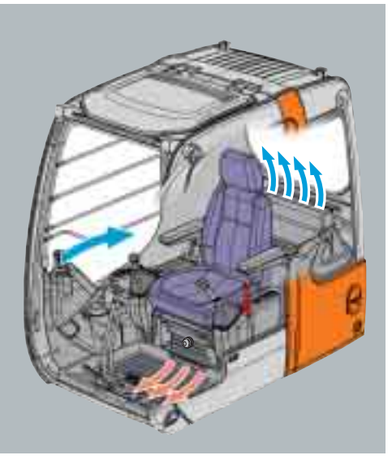
CRES Cab



Comfort Increased to Reduce Operator Fatigue

A reshaped X-beam track frame, D-type frame and rigid cab bed work together with the silicone-filled rubber cushions to keep noise and vibration. Lower noise and vibration contribute to less operator fatigue.





Auto Control Air Conditioner

Simply set the temperature and forget about it. Ducts are positioned to promote even air flow throughout the cab.

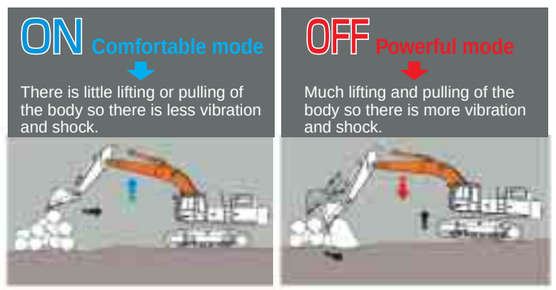
** Illustration shows a sample of the air flow during bi-level control.*

One-glance Monitor Panel

Well-positioned Switches

Boom Mode Selector
Helps to Reduce Shaking and Jerking of Body during Scraping Operations.

The amount the body can be lifted or pulled by the front of machine can be **ON** or **OFF** selected. This helps to provide for more comfortable operation and contributes to longer component service life.

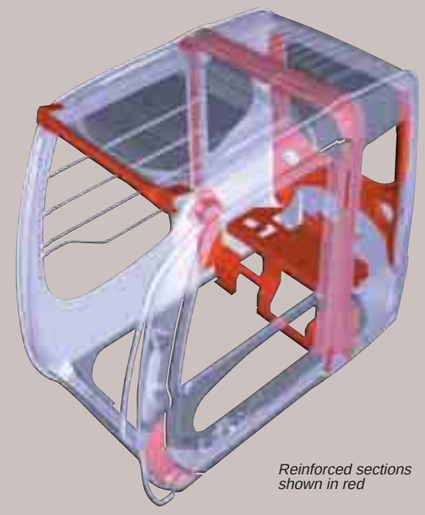


Safety

CRES (Center pillar Reinforced Structure) Cab

** The CRES cab meets OPG top guard level I (ISO).*

The cab is designed with "just in case" protection for the operator. The rigid cab design reduces the potential for injury in the event of an accident.



Reinforced sections shown in red

Pilot-control shut-off lever

Emergency evacuation hammer

Improved downward visibility

Storage box

Easy lock front window latch

Drink holder

ZAXIS

Functional & Durable

Extensive steps have been taken to support basic performance and overall durability.

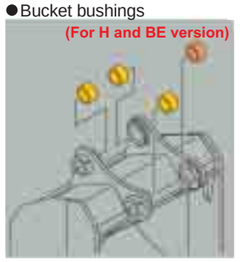
Lower running costs

Reinforced Side Steps

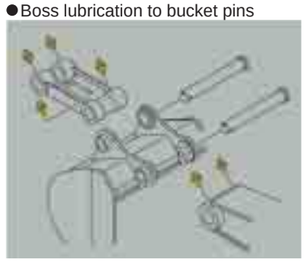
Durable Bucket Joint

A new design is adopted to bucket joints. Bucket pins are solid and large, and lubricated through bosses for more durability. The use of bucket bushings reduces pin wear.

- Bucket bushings (For H and BE version)



- Boss lubrication to bucket pins



Rugged Undercarriage for Withstanding Tough Jobs

A reshaped box design with X-beams helps disperse stress.
This design boosts the overall rigidity of the entire undercarriage.

Travel Device Resists Damage

A compact travel device reduces the potential for damage.

ZAXIS

Smart Savings

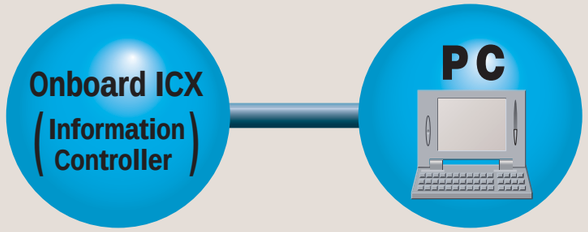
Advanced technology helps reduce maintenance.

Engine Maintenance Doors

This small maintenance doors are added to the full engine cover. Just open the small maintenance door for easy, quick inspection and maintenance. No need to open the entire engine cover.

Handy Utility Space

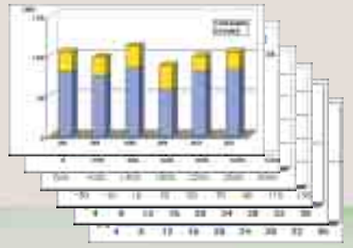
■ Equipment Operation Status Report



Information Services for Equipment

- Operation record
- Error record
- Alarm record
- Frequency distribution
  Radiator coolant / hydraulic temperature etc.

and others.



ZAXIS

Information Technology Support

Providing the data for making the right decisions.

Emissions Control Engine

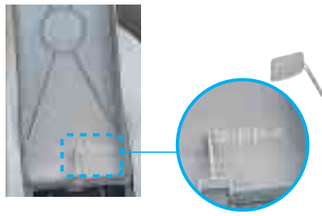
Conforms to U.S. EPA Tier 2 and EC Stage II emission regulations.

ZAXIS

Environmentally Friendly Design

Helping ensure a cleaner tomorrow.

Labeled Plastic Parts Facilitate Efficient Recycling



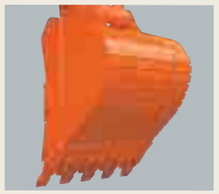
Notes *:*
The photo shows a cover opened at the time of the inspection.
Be sure to close a cover at the time of the operation.

Heavy Duty Version H-Series

ZAXIS650H

2.8 m³ rock bucket (Lateral-type wear plates)

The easy-to-replace lateral-type wear plates are standard equipment.



Square bars (5units)

Helps protect both end surfaces of the area under the arm.

Pressurized cab with integrated overhead guard

An ISO-standard FOPS large-size cab is used. It has an integrated overhead guard to help provide protection from falling objects. An optional guard is available for the front windshield to make the cab OPG level Ⅱ(ISO) compliant.

FOPS: Falling Object Protective Structure
OPG: Operator Protective Guard

Upper/lower cab front guard (Option)

H-front (Reinforced front) 7.6 m H-boom / 3.4 m H-arm

Thicker steel plates and extra reinforcement help provide reliability during heavy duty operations.

4.5 mm undercover for upper structure

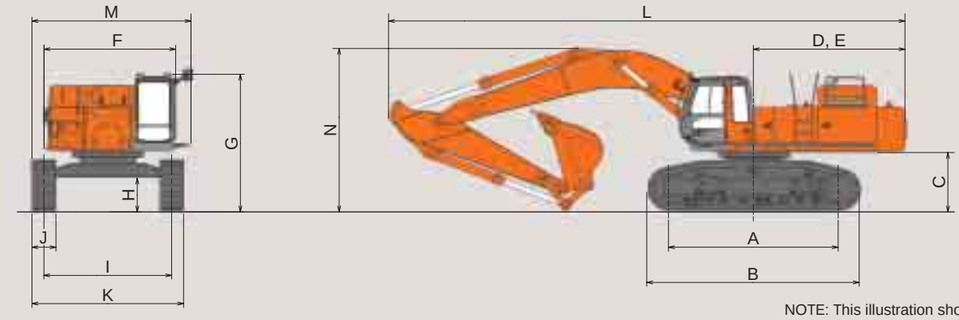
*Quarry specifications also available.

Base machine for a wide range of jobs.

ZAXIS650(LC)H* 7.6m H Boom/3.4m H Arm/2.8m³ Rock Bucket	**ZAXIS650(LC)H*** 6.6m BE Boom/2.9m BE Arm/3.3m³ Rock Bucket	
ZAXIS600(LC) 7.6m Boom/3.5m Arm/2.7m³(2.9m³) Bucket	**ZAXIS600(LC)** 7.6m Boom/4.1m Arm/2.3m³ (2.5m³) Bucket	**ZAXIS600(LC)** 7.6m Boom/5.2m Long Arm/2.0m³ Bucket
ZAXIS600LC 9.2 m Boom/5.2m Long Arm/1.5m³ Bucket	**ZAXIS600(LC)** 6.6m BE Boom/2.9m BE Arm/3.5m³ Bucket	**ZAXIS600(LC)** 7.6m Boom/2.9m Short Arm/2.9m³ Bucket

Note: Data in ( ) show those on the LC version
*Quarry specifications also available.

DIMENSIONS



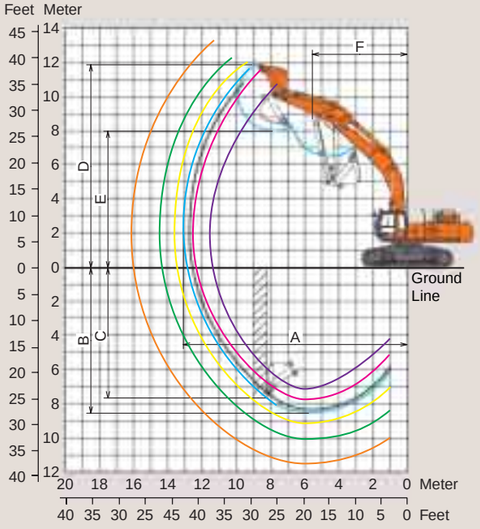
NOTE: This illustration shows ZAXIS600.

Unit: mm (ft in)

		ZAXIS600	ZAXIS600LC	ZAXIS650H*2	ZAXIS650LCH*2
A	Distance between tumblers	4 250 (13'11")	4 600 (15'1")	4 250 (13'11")	4 600 (15'1")
B	Undercarriage length	5 330 (17'6")	5 680 (18'8")	5 330 (17'6")	5 680 (18'8")
*1 C	Counterweight clearance	1 450 (4'9")	1 450 (4'9")	1 450 (4'9")	1 450 (4'9")
D	Rear-end swing radius	3 800 (12'6")	3 800 (12'6")	3 800 (12'6")	3 800 (12'6")
E	Rear-end length	3 800 (12'6")	3 800 (12'6")	3 800 (12'6")	3 800 (12'6")
F	Overall width of upperstructure	3 310 (10'1")	3 310 (10'1")	3 310 (10'1")	3 310 (10'1")
G	Overall height of cab	3 500 (11'6")	3 500 (11'6")	3 500 (11'6")	3 500 (11'6")
*1 H	Min. ground clearance	810 (2'8")	810 (2'8")	810 (2'8")	810 (2'8")
I	Track gauge	3 200 (10'6")	3 200 (10'6")	3 200 (10'6")	3 200 (10'6")
J	Track shoe width	600 (1'12")	600 (1'12")	600 (1'12")	600 (1'12")
K	Undercarriage width extended/retracted	3 800 (12'6") / 3 300(10'1")	3 800 (12'6") / 3 300(10'1")	3 800 (12'6") / 3 300(10'1")	3 800 (12'6") / 3 300(10'1")
L	Overall length	12 940 (42'5")	12 940 (42'5")	13 030 (42'9")	13 030 (42'9")
M	Overall width	3 990 (13'1")	3 990 (13'1")	3 990 (13'1")	3 990 (13'1")
N	Overall height of boom	4 250 (13'11")	4 250 (13'11")	4 270 (14'0")	4 270 (14'0")

Notes: *1 Excluding track shoe lug.
*2 Identical to Quarry specifications (Q.S.)

WORKING RANGES



NOTE: This illustration shows ZAXIS600.

Unit: mm (ft in)

			ZAXIS600 / ZAXIS600LC					ZAXIS650H*2 / ZAXIS650LCH*2	
	Boom		6.6 m (21'8")BE	7.6 m (24'11")			9.2 m (30'2")	6.6 m (21'8")BE	7.6 m (24'11")H
	Arm		2.9 m (9'6")BE	2.9 m (9'6")	3.5 m (11'6")	4.1 m (13'5")	5.2 m (17'1")	5.2 m (17'1")	2.9 m (9'6")BE	3.4 m (11'2")H
A	Max. digging reach		11 540 (37'1")	12 530 (41'11")	13 090 (42'11")	13 610 (44'8")	14 480 (47'6")	16 130 (52'11")	11 540 (37'1")	12 600 (41'4")
			11 540 (37'1")	12 530 (41'11")	13 090 (42'11")	13 610 (44'8")	14 480 (47'6")	16 130 (52'11")	11 540 (37'1")	12 600 (41'4")
*1 B	Max. digging depth		7 080 (23'3")	7 890 (25'11")	8 500 (27'11")	9 090 (29'10")	10 010 (32'1")	11 450 (37'7")	7 080 (23'3")	8 340 (27'4")
			7 080 (23'3")	7 890 (25'11")	8 500 (27'11")	9 090 (29'1")	10 010 (32'1")	11 450 (37'7")	7 080 (23'3")	8 340 (27'4")
*1 C	Max. vertical wall		5 140 (16'1")	6 760 (22'2")	7 610 (25'0")	8 130 (26'8")	8 870 (29'1")	10 230 (33'7")	5 140 (16'1")	5 410 (17'9")
			5 140 (16'1")	6 760 (22'2")	7 610 (25'0")	8 130 (26'8")	8 870 (29'1")	10 230 (33'7")	5 140 (16'1")	5 410 (17'9")
*1 D	Max. cutting height		10 770 (35'4")	11 610 (38'1")	11 880 (39'0")	12 030 (39'6")	12 300 (40'4")	13 320 (43'8")	10 770 (35'4")	10 690 (35'1")
			10 770 (35'4")	11 610 (38'1")	11 880 (39'0")	12 030 (39'6")	12 300 (40'4")	13 320 (43'8")	10 770 (35'4")	10 690 (35'1")
*1 E	Max. dumping height		6 980 (22'11")	7 770 (25'6")	8 000 (26'3")	8 150 (26'9")	8 830 (29'0")	9 860 (32'4")	6 980 (22'11")	7 290 (23'11")
			6 980 (22'11")	7 770 (25'6")	8 000 (26'3")	8 150 (26'9")	8 830 (29'0")	9 860 (32'4")	6 980 (22'11")	7 290 (23'11")
F	Min. swing radius		4 930 (16'2")	5 670 (18'7")	5 540 (18'2")	5 500 (18'1")	5 500 (18'1")	6 760 (22'2")	4 930 (16'2")	5 550 (18'3")
			4 930 (16'2")	5 670 (18'7")	5 540 (18'2")	5 500 (18'1")	5 500 (18'1")	6 760 (22'2")	4 930 (16'2")	5 550 (18'3")
Digging force	Bucket	kN (kgf, lbf)	308(31 400, 69 230)	275(28 100, 61 950)	276(28 200, 62 170)	275(28 100, 61 950)	250(25 500, 56 220)	250(25 500, 56 220)	308(31 400, 69 230)	292(29 800, 65 700)
	Arm	kN (kgf, lbf)	258(26 300, 57 980)	262(26 700, 58 860)	212(21 600, 47 620)	191(19 500, 42 990)	170(17 300, 38 140)	170(17 300, 38 140)	258(26 300, 57 980)	238(24 300, 53 570)
(Power Boost)	Bucket	kN (kgf, lbf)	322(32 900, 72 530)	289(29 500, 65 040)	290(29 600, 65 250)	289(29 500, 65 040)	262(26 700, 58 860)	262(26 700, 58 860)	322(32 900, 72 530)	306(31 200, 68 780)
	Arm	kN (kgf, lbf)	270(27 600, 60 850)	274(28 000, 61 730)	222(22 700, 50 040)	200(20 400, 44 970)	177(18 100, 39 900)	177(18 100, 39 900)	270(27 600, 60 850)	250(25 500, 56 220)

Notes: *1 Excluding track shoe lug.
*2 Identical to Quarry specifications (Q.S.)

ENGINE

Model ..... Isuzu BB-6WG1X
Type ..... 4-cycle water-cooled, direct injection
Aspiration ..... Turbocharged
No. of cylinders 6
Rated power
DIN 6271, net ..... 295 kW (400 PS) at 1 800 min^{-1} (rpm)
SAE J1349, net ..... 295 kW (395 HP) at 1 800 min^{-1} (rpm)
Maximum torque ..... 1 540 N·m (157 kgf·m, 1 140 lbf·ft) at 1 500 min^{-1} (rpm)
Piston Displacement ..... 15.681 L (957 in^3)
Bore and stroke ..... 147 mm × 154 mm (5.7" × 6.1")
Batteries ..... 2 × 12 V, 170 AH
Governor ..... Mechanical speed control by stepping motor

HYDRAULIC SYSTEM

- Work mode selector
  General purpose mode / Trench digging mode
  / Attachment mode
  / Precision mode
- Engine speed sensing system

Main pumps ..... 2 variable displacement axial piston pumps
Maximum oil flow ..... 2 × 434 L/min (115 US gpm, 95 Imp gpm)
Pilot pump ..... 1 gear pump
Maximum oil flow ..... 30 L/min (7.9 US gpm, 6.6 Imp gpm)

Hydraulic Motors

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

Relief Valve Settings

Implement circuit ..... 30.9 MPa (315 kgf/cm^2, 4 480 psi)
Swing circuit ..... 29.4 MPa (300 kgf/cm^2, 4 270 psi)
Travel circuit ..... 34.3 MPa (350 kgf/cm^2, 4 980 psi)
Pilot circuit ..... 3.9 MPa (40 kgf/cm^2, 570 psi)

Hydraulic Cylinders

High-strength piston rods and tubes. Cylinder cushion mechanisms provided in boom and arm cylinders to absorb shock at stroke ends.

Dimensions

	Qty.	Bore	Rod diameter
Boom	2	180 mm (7.09")	125 mm (4.92")
Arm	1	200 mm (7.87")	140 mm (5.51")
Bucket	1	180 mm (7.09")	130 mm (5.12")

Hydraulic Filters

Hydraulic circuits use high-quality hydraulic filters. A suction filter is incorporated in the suction line, and full-flow filters in the return line and swing/ travel motor drain lines.

CONTROLS

Pilot controls. Hitachi's original shockless valve and quick warm-up system built in the pilot circuit.
Implement levers 2
Travel levers with pedals 2

UPPERSTRUCTURE

Revolving Frame

Welded, sturdy box construction, using heavy-gauge steel plates for ruggedness. D-section frame for resistance to deformation.

Swing Device

Axial piston motor with planetary gear is bathed in oil. Swing circle is single-row, shear type ball bearing with induction-hardened internal gear. Internal gear and pinion gear are immersed in lubricant. Swing parking brake is spring-set/hydraulic-released disc type. Swing cushion valve built in swing motor absorbs shocks when stopping swing.
Swing speed ..... 7.0 min^{-1} (rpm)

Operator's Cab

Independent, spacions cab, 1 005 mm (40") wide by 1 675 mm (66") high, conforming to ISO* Standards. Reinforced glass windows on 4 sides for visibility. Openable front windows (upper and lower). Adjustable, reclining seat with armrests; movable with or without control levers and monitor panel.
* International Standard Organisation

ZAXIS650H/ZAXIS650LCH's Cab:

1 005 mm (40") wide, 1 820 mm (72") high

UNDERCARRIAGE

Tracks

Tractor-type undercarriage. Welded track frame, using carefully selected materials for tough jobs. Side frame bolted to track frame. Lubricated track rollers, idlers, and sprockets with floating seals. Track shoes with triple grouser made of induction-hardened rolled alloy. Heat-treated connecting pins with dirt seals. Hydraulic (grease) track adjusters with shock-absorbing recoil springs.

Numbers of Rollers and Shoes on Each Side

Upper rollers 3
Lower rollers ..... 8 : ZAXIS600 / ZAXIS650H
9 : ZAXIS600LC / ZAXIS650LCH
Track shoes ..... 48 : ZAXIS600 / ZAXIS650H
51 : ZAXIS600LC / ZAXIS650LCH
Track guard ..... 2 : ZAXIS600 / ZAXIS650H / ZAXIS650LCH
3 : ZAXIS600LC
H-track center guard (dual type) ..... 1 : ZAXIS650H / ZAXIS650LCH

Travel Device

Each track driven by axial piston motor through reduction gears for counter-rotation of the tracks. Sprockets are replaceable. Parking brake is spring-set/hydraulic-released disc type. Travel shockless relief valve built in travel motor absorbs shocks when stopping travel, ensuring smooth stops.
Travel speeds ..... High: 0 to 5.0 km/h (3.1 mph)
Low: 0 to 3.5 km/h (2.2 mph)
Maximum traction force ..... 415 kN (42 300 kgf, 93 300 lbf)
Gradeability ..... 35° (70%) continuous

WEIGHTS AND GROUND PRESSURE

ZAXIS600:

Equipped with 7.6 m (24'11") boom, 3.5 m (11'6") arm, and 2.7 m^3 (3.5 yd^3; SAE, PCSA heaped) bucket.

ZAXIS600LC:

Equipped with 7.6 m (24'11") boom, 3.5 m (11'6") arm, and 2.9 m^3 (3.8 yd^3; SAE, PCSA heaped) bucket.

Shoe type	Shoe width	Operating weight	Ground pressure
Triple grouser	600 mm (24")	56 000 kg (123 460 lb)	99 kPa (1.01 kgf/cm^2, 14.1 psi)
		57 000 kg (125 660 lb)	94 kPa (0.95 kgf/cm^2, 13.1 psi)
	750 mm (30")	56 800 kg (125 220 lb)	80 kPa (0.82 kgf/cm^2, 11.7 psi)
		57 900 kg (12 7650 lb)	76 kPa (0.78 kgf/cm^2, 11.1 psi)
	900 mm (35")	57 600 kg (126 980 lb)	68 kPa (0.69 kgf/cm^2, 9.8 psi)
		58 600 kg (129 190 lb)	64 kPa (0.65 kgf/cm^2, 9.2 psi)

Figures in [ ] are data on the ZAXIS600LC.

ZAXIS650H / ZAXIS650LCH

Equipped with 7.6 m (24'11") H-boom, 3.4 m (11'2") H-arm, and 2.79 m^3 (3.23 yd^3; SAE, PCSA heaped) rock bucket.

Shoe type	Shoe width	Operating weight	Ground pressure
Double grouser	600 mm (24")	57 600 kg (126 980 lb)	102 kPa (1.04 kgf/cm^2, 14.8 psi)
Triple grouser	600 mm (24")	57 600 kg (126 980 lb)	102 kPa (1.04 kgf/cm^2, 14.8 psi)
		58 400 kg (128 750 lb)	96 kPa (0.98 kgf/cm^2, 13.9 psi)

Figures in [ ] are data on the ZAXIS650LCH.

ZAXIS600 / ZAXIS600LC with BE-front

Equipped with 6.6 m (21'8") BE-boom, 2.9 m (9'6") BE-arm, and 3.5 m^3 (4.3 yd^3; SAE, PCSA heaped) bucket.

Shoe type	Shoe width	Operating weight	Ground pressure
Triple grouser	600 mm (24")	56 700 kg (125 000 lb)	100 kPa (1.02 kgf/cm^2, 14.5 psi)
		57 700 kg (127 200 lb)	95 kPa (0.97 kgf/cm^2, 13.8 psi)
	750 mm (30")	57 600 kg (127 000 lb)	81 kPa (0.83 kgf/cm^2, 11.8 psi)
		58 500 kg (129 000 lb)	77 kPa (0.79 kgf/cm^2, 11.2 psi)
	900 mm (35")	58 400 kg (128 800 lb)	69 kPa (0.70 kgf/cm^2, 9.95 psi)
		59 300 kg (130 700 lb)	65 kPa (0.66 kgf/cm^2, 9.38 psi)

Figures in [ ] are data on the ZAXIS600LC.

SERVICE REFILL CAPACITIES

	liters	US gal	Imp gal
Fuel tank	740.0	195.5	162.8
Engine coolant	98.0	25.9	21.6
Engine oil	55.0	14.5	12.1
Pump drive	7.0	1.8	1.5
Swing device (each side)	10.5	2.8	2.3
Travel device (each side)	14.0	3.7	3.1
Hydraulic system	618.0	163.3	136.0
Hydraulic oil tank	310.0	81.9	68.2

BACKHOE ATTACHMENTS

Boom and arms of all-welded, box-section design. Bucket is all-welded, high-strength steel structure. Side clearance adjust mechanism provided on the bucket joint bracket.
* A variety of front-equipments that meet the quarry specification is provided.

Buckets

Capacity		Width		No. of teeth	Weight	Recommendation							
						ZAXIS650H*3/ ZAXIS650LCH*3	ZAXIS600/ ZAXIS600LC						
SAE, PCSA heaped	CECE heaped	Without side cutters	With side cutters			6.6 m(21'8") BE boom	7.6 m(24'11") H boom	6.6 m(21'8") BE boom	7.6 m (24'11")				9.2 m (30'2")
						2.9 m(9'6") BE arm	3.4 m(11'2") H arm	2.9 m(9'6") BE arm	2.9 m (9'6")	3.5 m (11'6")	4.1 m (13'5")	5.2 m (17'1")	5.2 m (17'1")
1.5 m^3 (1.96 yd^3)	1.3 m^3	1 180 mm (46")	1 320 mm (52")	4	1 540 kg (3 400 lb)	× / ×	× / ×	× / ×	× / ×	× / ×	× / ×	◎ / ◎	– / ◎
2.0 m^3 (2.62 yd^3)	1.8 m^3	1 490 mm (59")	1 630 mm (64")	5	1 780 kg (3 920 lb)	× / ×	× / ×	× / ×	× / ×	× / ×	× / ×	◎ / ◎	– / –
2.3 m^3 (3.01 yd^3)	2.0 m^3	1 420 mm (56")	1 560 mm (61")	5	1 990 kg (4 390 lb)	× / ×	◎ / ◎	× / ×	◎ / ◎	◎ / ◎	◎ / ◎	× / ×	– / ×
2.5 m^3 (3.27 yd^3)	2.2 m^3	1 530 mm (60")	1 670 mm (66")	5	2 070 kg (4 560 lb)	× / ×	◎ / ◎	× / ×	◎ / ◎	◎ / ◎	○ / ◎	× / ×	– / ×
2.7 m^3 (3.53 yd^3)	2.4 m^3	1 640 mm (65")	1 780 mm (70")	5	2 130 kg (4 700 lb)	× / ×	◎ / ◎	× / ×	◎ / ◎	◎ / ◎	– / ○	× / ×	– / ×
2.9 m^3 (3.79 yd^3)	2.5 m^3	1 730 mm (68")	1 870 mm (74")	5	2 240 kg (4 940 lb)	× / ×	○ / ○	× / ×	◎ / ◎	○ / ◎	– / –	× / ×	– / ×
3.5 m^3 (4.58 yd^3)	3.1 m^3	1 850 mm (73")	1 990 mm (78")	5	2 710 kg (5 970 lb)	◎ / ◎	× / ×	◎ / ◎	× / ×	× / ×	× / ×	× / ×	– / ×
*1 2.8 m^3 (3.66 yd^3)	2.5 m^3	—	1 670 mm (66")	5	2 710 kg (5 970 lb)	× / ×	● / ●	× / ×	– / –	– / –	– / –	× / ×	– / ×
*1 3.3 m^3 (4.32 yd^3)	3.0 m^3	—	1 750 mm (69")	5	2 980 kg (6 570 lb)	● / ●	× / ×	– / –	× / ×	× / ×	× / ×	× / ×	– / ×
*2 1.5 m^3 (1.96 yd^3)	1.3 m^3	—	1 310 mm (52")	3	3 050 kg (6 720 lb)	× / ×	● / ●	× / ×	– / –	– / –	– / –	– / –	– / –
*2 1.8 m^3 (2.35 yd^3)	1.6 m^3	—	1 570 mm (62")	3	3 660 kg (8 070 lb)	● / ●	× / ×	– / –	× / ×	× / ×	× / ×	× / ×	– / ×
One point ripper				1	1 670 kg (3 680 lb)	● / ●	●/ ●	– / –	× / ×	× / ×	× / ×	× / ×	– / ×

*1 Rock bucket
*2 Ripper bucket
*3 Identical to Quarry specifications (Q.S.)

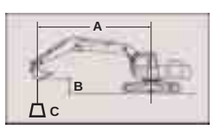
◎ Suitable for materials with density of 1 800 kg/m^3 (3 030 lb/yd^3) or less
○ Suitable for materials with density of 1 600 kg/m^3 (2 700 lb/yd^3) or less
● Heavy-duty service
– Not applicable
× Can't installed

METRIC MEASURE

Heavy-lifting system | Rating over-side or 360 degrees | Rating over-front | Unit: 1 000 kg

Conditions	Load point height	Load radius 4 m		5 m		6 m		7 m		8 m		9 m		10 m		11 m		12 m		At max. reach		meter
ZAXIS600	8 m											*8.0	*8.0							*4.2	*4.2	11.3
												*8.6	*8.6							*4.6	*4.6	
	6 m									*8.8	*8.8	*8.3	*8.3	7.9	*8.0					*4.2	*4.2	12.1
										*9.4	*9.4	*8.9	*8.9	7.9	*8.6					*4.5	*4.5	
Boom 7.6 m	4 m					*13.9	*13.9	*11.7	*11.7	*10.2	*10.2	9.2	*9.2	7.6	*8.5	6.2	*8.0			*4.4	*4.4	12.5
Arm 3.5 m						*14.8	*14.8	*12.5	*12.5	*11.0	*11.0	9.2	*9.9	7.6	*9.2	6.2	*8.5			*4.7	*4.7	
Bucket	2 m					16.4	*17.3	13.0	*14.0	10.5	*11.9	8.6	*10.4	7.2	*9.3	6.0	8.4			*4.7	*4.7	12.5
SAE, PCSA : 2.7 m³						16.4	*18.5	13.0	*15.0	10.5	*12.7	8.6	*11.1	7.2	9.9	6.0	8.4			4.7	*5.1	
Shoes 600 mm	0 (Ground)					15.5	*18.7	12.2	*15.4	9.9	*13.0	8.2	*11.2	6.9	9.6	5.8	8.2			5.0	*5.4	12.1
						15.5	*20.0	12.2	*16.4	9.9	*13.8	8.2	11.4	6.9	9.6	5.8	8.2			5.0	*5.8	
	−2 m	*11.6	*11.6	*20.5	*20.5	15.3	*18.4	11.9	*15.4	9.7	*13.1	8.0	11.2	6.7	9.4					5.6	*6.4	11.3
		*12.3	*12.3	20.9	*21.7	15.3	*19.6	11.9	*16.5	9.7	*13.5	8.0	11.2	6.7	9.4					5.6	*6.9	
	−4 m	*22.2	*22.2	*19.3	*19.3	15.5	*16.6	12.0	*14.2	9.7	*12.1	8.1	*10.3							7.2	*7.4	9.9
		*23.7	*23.7	*20.6	*20.6	15.5	*17.7	12.0	*15.2	9.7	*13.0	8.1	*11.1							7.2	*8.0	
	−6 m	*16.6	*16.6	*14.7	*14.7	*12.8	*12.8	*10.8	*10.8	*8.7	*8.7											
		*17.8	*17.8	*15.8	*15.8	*13.7	*13.7	*11.7	*11.7	*9.4	*9.4											
ZAXIS600	9 m									*8.8	*8.8									*7.4	*7.4	10.0
										*9.3	*9.3									*7.8	*7.8	
	8 m									*8.7	*8.7									7.0	*7.2	10.7
										*9.3	*9.3									7.0	*7.6	
	6 m									*9.2	*9.2	*8.7	*8.7	7.5	*8.4					5.8	*7.1	11.5
										*9.9	*9.9	9.3	*9.3	7.5	*9.1					5.8	*7.6	
Boom 7.6 m	4 m							*12.2	*12.2	*10.6	*10.6	8.8	*9.5	7.2	*8.8					5.2	7.3	11.9
Arm 2.9 m								*13.1	*13.1	10.9	*11.4	8.8	*10.2	7.2	*9.4					5.2	7.3	
Bucket	2 m							12.4	*14.3	10.1	*12.0	8.3	*10.5	6.9	*9.4					5.0	7.1	11.9
SAE, PCSA : 2.9 m³								12.4	*15.3	10.1	*12.9	8.3	*11.3	6.9	9.6					5.0	7.1	
Shoes 600 mm	0 (Ground)							11.8	*15.2	9.6	*12.9	7.9	*11.1	6.6	9.3					5.3	7.5	11.5
								11.8	*16.3	9.6	13.4	7.9	11.1	6.6	9.3					5.3	7.5	
	−2 m					15.1	*17.5	11.7	*14.9	9.4	*12.7	7.8	*10.9	6.6	9.3					6.1	*7.9	10.6
						15.1	*18.7	11.7	*15.9	9.4	13.2	7.8	10.9	6.6	9.3					6.1	*8.5	
	−4 m	*18.9	*18.9	*17.3	*17.3	*15.2	*15.2	11.9	*13.1	9.6	*11.2	8.0	*9.2							*7.2	*7.2	9.1
		*20.3	*20.3	*18.5	*18.5	15.4	*16.3	11.9	*14.1	9.6	*12.0	8.0	*10.0							*7.8	*7.8	
	−6 m			*12.0	*12.0	*10.6	*10.6	*8.7	*8.7													
				*13.0	*13.0	*11.4	*11.4	*9.4	*9.4													
ZAXIS600	9 m																			*3.6	*3.6	11.3
																				*3.8	*3.8	
	8 m													*5.6	*5.6					*3.5	*3.5	11.9
														*6.0	*6.0					*3.8	*3.8	
	6 m													*7.6	*7.6	*7.4	*7.4	*5.7	*5.7	*3.5	*3.5	12.6
														*8.2	*8.2	*8.0	*8.0	*6.1	*6.1	*3.8	*3.8	
Boom 7.6 m	4 m					*12.6	*12.6	*10.8	*10.8	*9.6	*9.6	*8.7	*8.7	7.7	*8.1	6.4	*7.6			*3.6	*3.6	13.0
Arm 4.1 m						*13.5	*13.5	*11.6	*11.6	*10.3	*10.3	*9.4	*9.4	7.7	*8.7	6.4	*8.2			*3.9	*3.9	
Bucket	2 m					*16.3	*16.3	13.2	*13.3	10.7	*11.3	8.8	*9.9	7.3	*8.9	6.1	*8.2	5.1	*5.2	*4.0	*4.0	13.0
SAE, PCSA : 2.3 m³						16.8	*17.4	13.2	*14.2	10.7	*12.1	8.8	*10.7	7.3	*9.6	6.1	8.4	5.1	*5.6	*4.3	*4.3	
Shoes 600mm	0 (Ground)			*13.0	*13.0	15.6	*18.4	12.3	*15.0	10.0	*12.6	8.3	*10.9	6.9	9.6	5.8	8.2			*4.5	*4.5	12.6
				*13.8	*13.8	15.6	*19.6	12.3	*16.1	10.0	*13.6	8.3	11.4	6.9	9.6	5.8	8.2			4.6	*4.8	
	−2 m	*12.3	*12.3	*20.4	*20.4	15.3	*18.6	11.9	*15.5	9.6	*13.1	8.0	11.1	6.7	9.4	5.7	8.0			5.1	*5.4	11.8
		*13.1	*13.1	20.7	*21.6	15.3	*19.9	11.9	*16.6	9.6	13.5	8.0	11.1	6.7	9.4	5.7	8.0			5.1	*5.8	
	−4 m	*23.3	*23.3	*20.5	*20.5	15.3	*17.3	11.9	*14.6	9.6	*12.5	7.9	*10.7	6.7	*9.1					6.4	*7.0	10.6
		*24.6	*24.6	21.0	*21.9	15.3	*18.5	11.9	*15.7	9.6	*13.4	7.9	11.1	6.7	9.4					6.4	*7.5	
	−6 m	*19.3	*19.3	*16.6	*16.6	*14.2	*14.2	*12.1	*12.1	9.9	*10.1									*6.3	*6.3	8.5
		*20.7	*20.7	*17.8	*17.8	*15.2	*15.2	12.3	*13.0	9.9	*10.9									*6.9	*6.9	
	−7 m	*15.4	*15.4	*13.5	*13.5	*11.5	*11.5	*9.6	*9.6													
		*16.6	*16.6	*14.5	*14.5	*12.4	*12.4	*10.4	*10.4													

Notes: 1. Ratings are based on SAE J1097.
2. Lifting capacity of the ZAXIS Series does not exceed 75% of tipping load with the machine on firm, level ground or 87% full hydraulic capacity.
3. The load point is a hook (not standard equipment) located on the back of the bucket.
4. *Indicates load limited by hydraulic capacity.



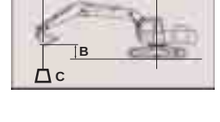
A: Load radius
B: Load point height
C: Lifting capacity

METRIC MEASURE

Heavy-lifting system | Rating over-side or 360 degrees | Rating over-front | Unit: 1 000 kg

Conditions	Load point height	Load radius 4 m		5 m		6 m		7 m		8 m		9 m		10 m		11 m		12 m		At max. reach		meter
ZAXIS600	10 m															*4.5	*4.5					*3.2	*3.2	11.7
																*4.9	*4.9					*3.5	*3.5	
	8 m																	*5.2	*5.2			*3.1	*3.1	12.8
																		*5.5	*5.5			*3.3	*3.3	
	6 m															*6.7	*6.7	*6.6	*6.6	*5.0	*5.0	*3.1	*3.1	13.5
																*7.2	*7.2	*7.1	*7.1	*5.4	*5.4	*3.3	*3.3	
Boom 7.6 m	4 m											*8.0	*8.0	*7.5	*7.5	6.8	*7.1	5.7	*6.7	*3.2	*3.2	13.9
Arm 5.2 m												*8.6	*8.6	*8.1	*8.1	6.8	*7.7	5.7	*7.1	*3.4	*3.4	
Bucket	2 m					*14.8	*14.8	*12.3	*12.3	*10.6	*10.6	9.3	*9.4	7.7	*8.5	6.5	*7.9	5.5	*7.3	*3.4	*3.4	13.9
SAE, PCSA : 2.0 m³						*15.7	*15.7	*13.1	*13.1	11.3	*11.4	9.3	*10.1	7.7	*9.2	6.5	*8.5	5.5	7.6	*3.7	*3.7	
Shoes 600 mm	0 (Ground)			*18.2	*18.2	16.3	*17.7	12.9	*14.5	10.5	*12.3	8.7	*10.7	7.3	*9.5	6.1	8.5	5.2	7.3	*3.8	*3.8	13.5
				*19.2	*19.2	16.3	*18.9	12.9	*15.5	10.5	*13.1	8.7	*11.4	7.3	10.0	6.1	8.5	5.2	7.3	*4.1	*4.1	
	−2 m	*12.0	*12.0	*20.2	*20.2	15.6	*18.8	12.2	*15.6	9.9	*13.2	8.2	*11.4	6.9	9.6	5.9	8.3	5.1	7.2	*4.5	*4.5	12.9
		*12.8	*12.8	20.9	*21.3	15.6	*20.1	12.2	*16.7	9.9	13.8	8.2	11.4	6.9	9.6	5.9	8.3	5.1	7.2	4.6	*4.9	
	−4 m	*19.4	*19.4	20.9	*22.3	15.4	*18.4	12.0	*15.4	9.7	*13.2	8.1	11.3	6.8	9.5	5.9	8.2			5.4	*5.7	11.7
		*20.5	*20.5	20.9	*23.8	15.4	*19.7	12.0	*16.5	9.7	13.6	8.1	11.3	6.8	9.5	5.9	8.2			5.4	*6.1	
	−6 m	*23.6	*23.6	*19.5	*19.5	15.6	*16.3	12.2	*13.9	9.9	*11.8	8.2	*10.0	7.0	*8.3					*6.9	*6.9	10.0
		*25.2	*25.2	*20.8	*20.8	15.6	*17.5	12.2	*14.9	9.9	*12.7	8.2	*10.8	7.0	*8.9					7.3	*7.4	
	−8 m	*16.5	*16.5	*13.9	*13.9	*11.8	*11.8	*9.8	*9.8	*7.6	*7.6											
		*17.7	*17.7	*15.0	*15.0	*12.7	*12.7	*10.6	*10.6	*8.3	*8.3											
ZAXIS600	7 m											*9.6	*9.6									*6.1	*6.1	10.1
												*10.3	*10.3									*6.6	*6.6	
	6 m							*10.2	*10.2	*9.7	*9.7											*6.1	*6.1	10.5
								*10.9	*10.9	*10.4	*10.4											*6.6	*6.6	
BE-Boom 6.6 m	4 m					*13.9	*13.9	*12.0	*12.0	*10.8	*10.8	8.8	*9.9									6.0	*6.4	10.9
BE-Arm 2.9 m						*14.9	*14.9	*12.9	*12.9	11.0	*11.5	8.8	*10.7									6.0	*6.8	
Bucket	2 m					16.6	*17.2	12.9	*14.1	10.3	*12.1	8.4	*10.7									5.8	*7.0	10.9
SAE, PCSA : 3.5 m³						16.6	*18.4	12.9	*15.1	10.3	*13.0	8.4	*11.5									5.8	*7.4	
Shoes 600 mm	0 (Ground)					15.7	*18.7	12.2	*15.4	9.8	*13.0	8.0	*11.2									6.2	*8.0	10.5
						15.7	*20.0	12.2	*16.5	9.8	13.7	8.0	11.3									6.2	*8.5	
	−2 m	*25.0	*25.0	21.2	*21.7	15.5	*18.0	12.0	*15.1	9.6	*12.7	8.0	*10.6									7.5	*8.8	9.5
		*26.4	*26.4	21.2	*23.1	15.5	*19.3	12.0	*16.2	9.6	13.5	8.0	11.2									7.5	*9.5	
	−4 m	*20.5	*20.5	*17.8	*17.8	*15.0	*15.0	12.2	*12.5															
		*21.9	*21.9	*19.0	*19.0	15.8	*16.1	12.2	*13.4															
	−5 m	*16.4	*16.4	*14.4	*14.4	*12.1	*12.1																	
		*17.7	*17.7	*15.5	*15.5	*13.0	*13.0																	
ZAXIS650H[*2]	8 m											*7.4	*7.4									*5.6	*5.6	10.8
												*8.0	*8.0									*6.0	*6.0	
	6 m											*8.2	*8.2	*7.7	*7.7	*7.4	*7.4					5.4	*5.8	11.6
												*8.9	*8.9	*8.3	*8.3	7.4	*8.0					5.4	*6.2	
H-Boom 7.6 m	4 m					*13.4	*13.4	*11.1	*11.1	*9.7	*9.7	*8.6	*8.6	7.1	*7.9							4.8	*6.2	12.0
H-Arm 3.4 m						*14.4	*14.4	*12.0	*12.0	*10.4	*10.4	8.7	*9.3	7.1	*8.6							4.8	*6.7	
Rock Bucket	2 m					15.8	*16.7	12.4	*13.4	10.0	*11.2	8.1	*9.7	6.7	*8.6	5.5	*7.8					4.6	6.7	12.0
SAE, PCSA : 2.8 m³						15.8	*17.9	12.4	*14.4	10.0	*12.1	8.1	*10.5	6.7	*9.3	5.5	7.9					4.6	6.7	
Shoes 600 mm	0 (Ground)					14.9	*17.9	11.7	*14.6	9.4	*12.2	7.7	*10.5	6.3	9.1							4.8	7.0	11.6
						14.9	*19.2	11.7	*15.7	9.4	*13.2	7.7	10.9	6.3	9.1							4.8	7.0	
	−2 m			20.4	*20.6	14.8	*17.4	11.4	*14.6	9.1	*12.3	7.5	*10.5	6.2	8.9							5.6	*7.7	10.7
				20.4	*22.1	14.8	*18.6	11.4	*15.7	9.1	13.0	7.5	10.7	6.2	8.9							5.6	8.0	
	−4 m	*20.5	*20.5	*18.0	*18.0	15.0	*15.5	11.5	*13.2	9.2	*11.2	7.6	*9.4											
		*22.0	*22.0	*19.3	*19.3	15.0	*16.6	11.5	*14.2	9.2	*12.1	7.6	*10.2											
	−6 m	*14.9	*14.9	*13.3	*13.3	*11.5	*11.5	*9.7	*9.7															
		*16.1	*16.1	*14.4	*14.4	*12.5	*12.5	*10.5	*10.5															

Notes: 1. Ratings are based on SAE J1097.
2. Lifting capacity of the ZAXIS Series does not exceed 75% of tipping load with the machine on firm, level ground or 87% full hydraulic capacity.
3. The load point is a hook (not standard equipment) located on the back of the bucket.
4. *Indicates load limited by hydraulic capacity.
5. *[2] Identical to Quarry specifications (Q.S.)



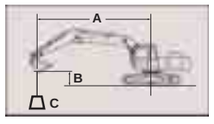
A: Load radius
B: Load point height
C: Lifting capacity

METRIC MEASURE

Heavy-lifting system | Rating over-side or 360 degrees | Rating over-front | Unit: 1 000 kg

Conditions	Load point height	Load radius 4 m		5 m		6 m		7 m		8 m		9 m		10 m		11 m		12 m		At max. reach		meter
ZAXIS600LC	8 m											*7.9	*7.9							*4.1	*4.1	11.3
												*8.5	*8.5							*4.5	*4.5	
	6 m									*8.7	*8.7	*8.2	*8.2	*7.9	*7.9					*4.1	*4.1	12.1
										*9.3	*9.3	*8.8	*8.8	8.1	*8.5					*4.4	*4.4	
Boom 7.6 m	4 m					*13.8	*13.8	*11.6	*11.6	*10.2	*10.2	*9.2	*9.2	7.8	*8.4	6.4	*7.9			*4.3	*4.3	12.5
Arm 3.5 m						*14.7	*14.7	*12.4	*12.4	*10.9	*10.9	9.4	*9.8	7.8	*9.1	6.4	*8.4			*4.6	*4.6	
Bucket	2 m					16.9	*17.2	13.3	*13.9	10.8	*11.8	8.9	*10.3	7.4	*9.2	6.2	*8.4			*4.7	*4.7	12.5
SAE, PCSA : 2.9 m³						16.9	*18.4	13.3	*14.9	10.8	*12.6	8.9	*11.0	7.4	*9.9	6.2	*9.0			4.9	*5.0	
Shoes 750 mm	0 (Ground)					16.0	*18.7	12.6	*15.3	10.2	*12.9	8.4	*11.1	7.1	*9.7	6.0	*8.7			5.1	*5.3	12.1
						16.0	*19.9	12.6	*16.4	10.2	*13.8	8.4	*11.9	7.1	*10.5	6.0	*9.3			5.1	*5.7	
	−2 m	*11.5	*11.5	*20.4	*20.4	15.8	*18.3	12.3	*15.4	10.0	*13.0	8.2	*11.2	6.9	*9.7					5.8	*6.4	11.3
		*12.2	*12.2	*21.5	*21.5	15.8	*19.5	12.3	*16.4	10.0	*14.0	8.2	*12.1	6.9	*10.5					5.8	*6.8	
	−4 m	*22.1	*22.1	*19.2	*19.2	16.0	*16.5	12.4	*14.1	10.0	*12.0	8.3	*10.2							*7.3	*7.3	9.9
		*23.6	*23.6	*20.6	*20.6	16.0	*17.6	12.4	*15.1	10.0	*12.9	8.3	*11.0							7.4	*7.9	
	−6 m	*16.5	*16.5	*14.6	*14.6	*12.7	*12.7	*10.7	*10.7	*8.6	*8.6											
		*17.8	*17.8	*15.7	*15.7	*13.6	*13.6	*11.6	*11.6	*9.3	*9.3											
ZAXIS600LC	9 m									*8.8	*8.8									*7.4	*7.4	10.0
										*9.3	*9.3									*7.8	*7.8	
	8 m									*8.7	*8.7									*7.2	*7.2	10.7
										*9.3	*9.3									7.3	*7.6	
	6 m									*9.2	*9.2	*8.7	*8.7	7.8	*8.4					6.0	*7.1	11.5
										*9.9	*9.9	*9.3	*9.3	7.8	*9.1					6.0	*7.6	
Boom 7.6 m	4 m							*12.2	*12.2	*10.6	*10.6	9.1	*9.5	7.5	*8.8					5.4	*7.4	11.9
Arm 2.9 m								*13.1	*13.1	11.2	*11.4	9.1	*10.2	7.5	*9.4					5.4	*7.9	
Bucket	2 m							12.9	*14.3	10.4	*12.0	8.6	*10.5	7.2	*9.4					5.2	*7.8	11.9
SAE, PCSA : 2.9 m³								12.9	*15.3	10.4	*12.9	8.6	*11.3	7.2	*10.1					5.2	8.3	
Shoes 750 mm	0 (Ground)							12.2	*15.2	9.9	*12.9	8.2	*11.1	6.9	*9.7					5.5	*7.9	11.5
								12.2	*16.3	9.9	*13.8	8.2	*11.9	6.9	*10.5					5.5	*8.5	
	−2 m					15.6	*17.5	12.1	*14.9	9.8	*12.7	8.1	*10.9	6.9	*9.3					6.4	*7.9	10.6
						15.6	*18.7	12.1	*15.9	9.8	*13.6	8.1	*11.7	6.9	*10.1					6.4	*8.5	
	−4 m	*18.9	*18.9	*17.3	*17.3	*15.2	*15.2	12.3	*13.1	9.9	*11.2	8.3	*9.2							*7.2	*7.2	9.1
		*20.3	*20.3	*18.5	*18.5	15.9	*16.3	12.3	*14.1	9.9	*12.0	8.3	*10.0							*7.8	*7.8	
	−6 m			*12.0	*12.0	*10.6	*10.6	*8.7	*8.7													
				*13.0	*13.0	*11.4	*11.4	*9.4	*9.4													
ZAXIS600LC	9 m																			*3.5	*3.5	11.3
																				*3.8	*3.8	
	8 m													*5.5	*5.5					*3.4	*3.4	11.9
														*5.9	*5.9					*3.7	*3.7	
	6 m											*7.6	*7.6	*7.3	*7.3	*5.7	*5.7			*3.4	*3.4	12.6
												*8.2	*8.2	*7.9	*7.9	*6.1	*6.1			*3.7	*3.7	
Boom 7.6 m	4 m					*12.6	*12.6	*10.8	*10.8	*9.5	*9.5	*8.6	*8.6	7.9	*8.0	6.6	*7.5			*3.6	*3.6	13.0
Arm 4.1 m						*13.4	*13.4	*11.5	*11.5	*10.2	*10.2	*9.3	*9.3	7.9	*8.6	6.6	*8.1			*3.9	*3.9	
Bucket	2 m					*16.3	*16.3	*13.2	*13.2	11.0	*11.3	9.0	*9.9	7.5	*8.9	6.3	*8.1	*5.1	*5.1	*3.9	*3.9	13.0
SAE, PCSA : 2.5 m³						17.3	*17.4	13.6	*14.2	11.0	*12.1	9.0	*10.6	7.5	*9.5	6.3	*8.4	5.3	*5.5	*4.2	*4.2	
Shoes 750 mm	0 (Ground)			*12.9	*12.9	16.1	*18.3	12.7	*15.0	10.3	*12.6	8.5	*10.9	7.1	*9.6	6.0	*8.5			*4.4	*4.4	12.6
				*13.7	*13.7	16.1	*19.6	12.7	*16.0	10.3	*13.5	8.5	*11.7	7.1	*10.3	6.0	*9.2			4.7	*4.8	
	−2 m	*12.2	*12.2	*20.3	*20.3	15.8	*18.5	12.3	*15.4	10.0	*13.1	8.2	*11.2	6.9	*9.8	5.9	*8.5			5.3	*5.3	11.8
		*13.0	*13.0	21.4	*21.5	15.8	*19.8	12.3	*16.5	10.0	*14.0	8.2	*12.1	6.9	*10.5	5.9	*9.2			5.3	*5.7	
	−4 m	*23.2	*23.2	*20.5	*20.5	15.8	*17.2	12.3	*14.6	9.9	*12.4	8.2	*10.6	6.9	*9.0					6.6	*7.0	10.6
		*24.5	*24.5	21.6	*21.9	15.8	*18.4	12.3	*15.6	9.9	*13.3	8.2	*11.4	6.9	*9.7					6.6	*7.4	
	−6 m	*19.3	*19.3	*16.5	*16.5	*14.1	*14.1	*12.0	*12.0	*10.0	*10.0									*6.3	*6.3	8.5
		*20.6	*20.6	*17.7	*17.7	*15.2	*15.2	12.6	*12.9	10.2	*10.8									*6.9	*6.9	
	−7 m	*15.4	*15.4	*13.4	*13.4	*11.5	*11.5	*9.5	*9.5													
		*16.6	*16.6	*14.4	*14.4	*12.4	*12.4	*10.3	*10.3													

Notes: 1. Ratings are based on SAE J1097.
2. Lifting capacity of the ZAXIS Series does not exceed 75% of tipping load with the machine on firm, level ground or 87% full hydraulic capacity.
3. The load point is a hook (not standard equipment) located on the back of the bucket.
4. *Indicates load limited by hydraulic capacity.



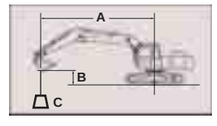
A: Load radius
B: Load point height
C: Lifting capacity

METRIC MEASURE

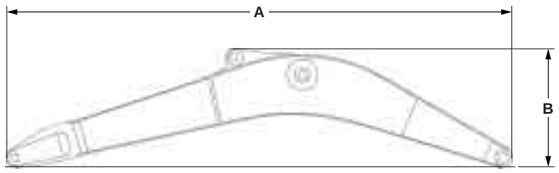
Heavy-lifting system | Rating over-side or 360 degrees | Rating over-front | Unit: 1 000 kg

Conditions	Load point height	Load radius 4 m		5 m		6 m		7 m		8 m		9 m		10 m		11 m		12 m		At max. reach		meter
ZAXIS600LC	10 m													*4.5	*4.5					*3.2	*3.2	11.7
														*4.9	*4.9					*3.5	*3.5	
	8 m															*5.2	*5.2			*3.1	*3.1	12.8
																*5.5	*5.5			*3.3	*3.3	
	6 m													*6.7	*6.7	*6.6	*6.6	*5.0	*5.0	*3.1	*3.1	13.5
														*7.2	*7.2	*7.1	*7.1	*5.4	*5.4	*3.3	*3.3	
Boom 7.6 m	4 m											*8.0	*8.0	*7.5	*7.5	7.1	*7.1	5.9	*6.7	*3.2	*3.2	13.9
Arm 5.2 m												*8.6	*8.6	*8.1	*8.1	7.1	*7.7	5.9	*7.1	*3.4	*3.4	
Bucket	2 m							*14.8	*14.8	*12.3	*12.3	*10.6	*10.6	*9.4	*9.4	8.0	*8.5	6.7	*7.9	5.7	*7.3	13.9
SAE, PCSA : 2.0 m³								*15.7	*15.7	*13.1	*13.1	*11.4	*11.4	9.6	*10.1	8.0	*9.2	6.7	*8.5	5.7	*7.9	
Shoes 750 mm	0 (Ground)			*18.2	*18.2	16.8	*17.7	13.3	*14.5	10.8	*12.3	9.0	*10.7	7.5	*9.5	6.4	*8.5	5.5	*7.8	*3.8	*3.8	13.5
				*19.2	*19.2	16.8	*18.9	13.3	*15.5	10.8	*13.1	9.0	*11.4	7.5	*10.1	6.4	*9.2	5.5	*8.4	*4.1	*4.1	
	−2 m	*12.0	*12.0	*20.2	*20.2	16.1	*18.8	12.7	*15.6	10.3	*13.2	8.6	*11.4	7.2	*10.0	6.2	*8.7	5.3	*7.9	*4.5	*4.5	12.9
		*12.8	*12.8	*21.3	*21.3	16.1	*20.1	12.7	*16.7	10.3	*14.1	8.6	*12.2	7.2	*10.7	6.2	*9.5	5.3	8.4	4.8	*4.9	
	−4 m	*19.4	*19.4	21.6	*22.3	15.9	*18.4	12.5	*15.4	10.1	*13.2	8.4	*11.3	7.1	*9.8	6.1	*8.5			5.6	*5.7	11.7
		*20.5	*20.5	21.6	*23.8	15.9	*19.7	12.5	*16.5	10.1	*14.1	8.4	*12.2	7.1	*10.6	6.1	*9.2			5.6	*6.1	
	−6 m	*23.6	*23.6	*19.5	*19.5	16.2	*16.3	12.6	*13.9	10.2	*11.8	8.5	*10.0	7.3	*8.3					*6.9	*6.9	10.0
		*25.2	*25.2	*20.8	*20.8	16.2	*17.5	12.6	*14.9	10.2	*12.7	8.5	*10.8	7.3	*8.9					*7.4	*7.4	
	−8 m	*16.5	*16.5	*13.9	*13.9	*11.8	*11.8	*9.8	*9.8	*7.6	*7.6											
		*17.7	*17.7	*15.0	*15.0	*12.7	*12.7	*10.6	*10.6	*8.3	*8.3											
ZAXIS600LC	7 m									*9.6	*9.6									*6.1	*6.1	10.1
										*10.3	*10.3									*6.6	*6.6	
	6 m							*10.2	*10.2	*9.7	*9.7									*6.1	*6.1	10.5
								*10.9	*10.9	*10.4	*10.4									*6.6	*6.6	
BE-Boom 6.6 m	4 m					*13.9	*13.9	*12.0	*12.0	*10.8	*10.8	9.2	*9.9							6.3	*6.4	10.9
BE-Arm 2.9 m						*14.9	*14.9	*12.9	*12.9	11.4	*11.5	9.2	*10.7							6.3	*6.8	
Bucket	2 m					17.1	*17.2	13.4	*14.1	10.7	*12.1	8.7	*10.7							6.1	*7.0	10.9
SAE, PCSA : 3.5 m³						17.1	*18.4	13.4	*15.1	10.7	*13.0	8.7	*11.5							6.1	*7.4	
Shoes 750 mm	0 (Ground)					16.2	*18.7	12.7	*15.4	10.2	*13.0	8.4	*11.2							6.5	*8.0	10.5
						16.2	*20.0	12.7	*16.5	10.2	*14.0	8.4	*12.1							6.5	*8.5	
	−2 m	*25.0	*25.0	*21.7	*21.7	16.0	*18.0	12.4	*15.1	10.0	*12.7	8.3	*10.6							7.8	*8.8	9.5
		*26.4	*26.4	21.9	*23.1	16.0	*19.3	12.4	*16.2	10.0	*13.6	8.3	*11.4							7.8	*9.5	
	−4 m	*20.5	*20.5	*17.8	*17.8	*15.0	*15.0	*12.5	*12.5													
		*21.9	*21.9	*19.0	*19.0	*16.1	*16.1	12.7	*13.4													
	−5 m	*16.4	*16.4	*14.4	*14.4	*12.1	*12.1															
		*17.7	*17.7	*15.5	*15.5	*13.0	*13.0															
ZX600LC	10 m																			*4.6	*4.6	13.7
																				*4.9	*4.9	
	8 m																			*4.9	*4.9	14.6
																				*5.3	*5.3	
	6 m																			*5.4	*5.4	15.2
																				*5.9	*5.9	
	4 m									*9.6	*9.6	*8.3	*8.3	*7.3	*7.3	*6.6	*6.6	*6.1	*6.1	5.6	*5.7	15.5
Boom 9.2 m										*10.4	*10.4	*8.9	*8.9	*7.9	*7.9	*7.2	*7.2	*6.6	*6.6	5.6	*6.2	
Arm 5.2 m	2 m									*12.0	*12.0	*10.0	*10.0	*8.6	*8.6	7.3	*7.6	6.2	*6.8	5.2	*6.2	15.5
Bucket										12.7	*12.9	10.4	*10.8	8.7	*9.3	7.3	*8.2	6.2	*7.4	5.2	*6.8	
PCSA : 1.5 m³	0 (Ground)									11.5	*13.6	9.5	*11.3	7.9	*9.7	6.7	*8.4	5.7	*7.5	4.9	*6.8	15.2
Shoes 600 mm										11.5	*14.6	9.5	*12.2	7.9	*10.4	6.7	*9.1	5.7	*8.1	4.9	*7.3	
	−2 m					*13.8	*13.8	11.0	*14.2	9.0	*12.0	7.5	*10.3	6.3	*9.0	5.4	*7.9	4.7	*7.1	3.3	*4.5	14.6
						14.1	*14.6	11.0	*15.3	9.0	*12.9	7.5	*11.1	6.3	*9.7	5.4	*8.6	4.7	7.7	3.3	*4.8	
	−4 m	*10.5	*10.5	*14.1	*14.1	14.1	*16.6	11.0	*14.0	8.9	*12.0	7.3	*10.4	6.2	*9.0	5.3	*8.0	4.6	*7.1	3.8	*5.3	13.7
		*11.2	*11.2	*14.9	*14.9	14.1	*17.8	11.0	*15.1	8.9	*12.9	7.3	*11.2	6.2	*9.8	5.3	*8.7	4.6	7.6	3.8	*5.7	
	−6 m	*17.8	*17.8	*17.8	*17.8	14.4	*15.2	11.1	*13.0	9.0	*11.3	7.4	*9.8	6.3	*8.5	5.4	*7.4	4.7	*6.3	4.7	*5.5	12.3
		*18.8	*18.8	*19.2	*19.2	14.4	*16.4	11.1	*14.1	9.0	*12.2	7.4	*10.6	6.3	*9.3	5.4	*8.1	4.7	*6.9	4.7	*6.0	
	−8 m	*17.2	*17.2	*14.7	*14.7	*12.7	*12.7	*11.0	*11.0	9.4	*9.5	7.8	*8.2	6.6	*6.9					*5.1	*5.1	10.2
		*18.6	*18.6	*15.9	*15.9	*13.7	*13.7	11.6	*11.9	9.4	*10.3	7.8	*8.9	6.6	*7.5					*5.6	*5.6	
	−10 m					*8.1	*8.1	*6.9	*6.9	*5.4	*5.4											
						*8.9	*8.9	*7.5	*7.5	*6.0	*6.0											
ZAXIS650LCH[*2]	8 m											*7.4	*7.4							*5.6	*5.6	10.8
												*8.0	*8.0							*6.0	*6.0	
	6 m									*8.2	*8.2	*7.7	*7.7	*7.4	*7.4					5.5	*5.8	11.6
										*8.9	*8.9	*8.3	*8.3	7.5	*8.0					5.5	*6.2	
	4 m					*13.4	*13.4	*11.1	*11.1	*9.7	*9.7	*8.6	*8.6	7.2	*7.9					4.9	*6.2	12.0
H-Boom 7.6 m						*14.4	*14.4	*12.0	*12.0	*10.4	*10.4	8.8	*9.3	7.2	*8.6					4.9	*6.7	
H-Arm 3.4 m	2 m					16.0	*16.7	12.6	*13.4	10.1	*11.2	8.3	*9.7	6.8	*8.6	5.6	*7.8			4.7	*7.0	12.0
Rock Bucket						16.0	*17.9	12.6	*14.4	10.1	*12.1	8.3	*10.5	6.8	*9.3	5.6	*8.5			4.7	*7.4	
SAE, PCSA : 2.8 m³	0 (Ground)					15.2	*17.9	11.8	*14.6	9.5	*12.2	7.8	*10.5	6.5	*9.1					4.9	*7.4	11.6
Shoes 600 mm						15.2	*19.2	11.8	*15.7	9.5	*13.2	7.8	*11.3	6.5	*9.9					4.9	*8.0	
	−2 m			*20.6	*20.6	15.0	*17.4	11.6	*14.6	9.3	*12.3	7.6	*10.5	6.3	*9.0					5.7	*7.7	10.7
				20.7	*22.1	15.0	*18.6	11.6	*15.7	9.3	*13.2	7.6	*11.4	6.3	*9.8					5.7	*8.3	
	−4 m	*20.5	*20.5	*18.0	*18.0	15.3	*15.5	11.7	*13.2	9.4	*11.2	7.7	*9.4									
		*22.0	*22.0	*19.3	*19.3	15.3	*16.6	11.7	*14.2	9.4	*12.1	7.7	*10.2									
	−6 m	*14.9	*14.9	*13.3	*13.3	*11.5	*11.5	*9.7	*9.7													
		*16.1	*16.1	*14.4	*14.4	*12.5	*12.5	*10.5	*10.5													

Notes: 1. Ratings are based on SAE J1097.
2. Lifting capacity of the ZAXIS Series does not exceed 75% of tipping load with the machine on firm, level ground or 87% full hydraulic capacity.
3. The load point is a hook (not standard equipment) located on the back of the bucket.
4. *Indicates load limited by hydraulic capacity.
5. *[2] Identical to Quarry specifications (Q.S.)



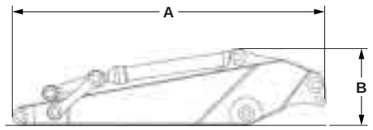
A: Load radius
B: Load point height
C: Lifting capacity



Boom

	A	B	Overall width	Weight
6.6 m (21'8") BE-boom*	6 880 mm (22'7")	2 320 mm (7'7")	1 180 mm (3'1")	5 250 kg (11 600 lb)
7.6 m (24'11")	7 880 mm (25'10")	2 020 mm (6'8")	1 180 mm (3'1")	5 250 kg (11 600 lb)
7.6 m (24'11") H-boom*	7 880 mm (25'10")	2 020 mm (6'8")	1 180 mm (3'1")	5 600 kg (12 300 lb)
9.2 m (30'2")	9 480 mm (31'1")	2 070 mm (6'9")	1 180 mm (3'1")	6 240 kg (13 800 lb)

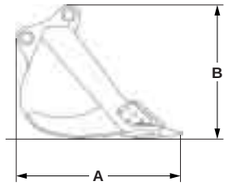
* Identical to Quarry specifications (Q.S.)



Arm

	A	B	Overall width	Weight
2.9 m (9'6") BE-arm*	4 290 mm (14'1")	1 440 mm (4'9")	790 mm (2'7")	3 230 kg (7 120 lb)
2.9 m (9' 6")	4 290 mm (14'1")	1 440 mm (4'9")	790 mm (2'7")	3 180 kg (7 010 lb)
3.5 m (11'6")	4 880 mm (16'0")	1 200 mm (3'11")	790 mm (2'7")	3 010 kg (6 640 lb)
4.1 m (13'5")	5 450 mm (17'11")	1 200 mm (3'11")	790 mm (2'7")	3 220 kg (7 100 lb)
5.2 m (17'1")	6 540 mm (21'5")	1 140 mm (3'9")	790 mm (2'7")	3 110 kg (6 860 lb)
3.5 m (11'6") H-arm*	4 900 mm (16'1")	1 210 mm (4'0")	790 mm (2'7")	3 210 kg (7 080 lb)

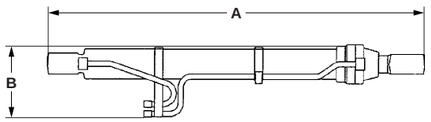
* Identical to Quarry specifications (Q.S.)



Bucket

Capacity		A	B	Overall width	Weight
SAE, PCSA heaped	CECE heaped				
1.5 m³ (1.96 yd³)	1.2 m³	2 010 mm (6'7")	1 570 mm (5'2")	1 280 mm (4'2")	1 580 kg (3 480 lb)
1.8 m³ (2.35 yd³)	1.6 m³	2 010 mm (6'7")	1 570 mm (5'2")	1 500 mm (59")	1 700 kg (3 750 lb)
2.3 m³ (3.01 yd³)	2.0 m³	2 140 mm (7'0")	1 750 mm (5'9")	1 560 mm (61")	1 990 kg (4 390 lb)
2.5 m³ (3.27 yd³)	2.2 m³	2 140 mm (7'0")	1 750 mm (5'9")	1 670 mm (66")	2 070 kg (4 560 lb)
2.7 m³ (3.53 yd³)	2.3 m³	2 140 mm (7'0")	1 750 mm (5'9")	1 780 mm (5'10")	2 130 kg (4 700 lb)
2.9 m³ (3.79 yd³)	2.4 m³	2 140 mm (7'0")	1 750 mm (5'9")	1 870 mm (6'2")	2 240 kg (4 940 lb)
3.5 m³ (4.58 yd³)	3.0 m³	2 160 mm (7'1")	1 840 mm (6'0")	1 990 mm (6'6")	2 740 kg (6 040 lb)
2.8 m³* (3.66 yd³)	2.2 m³	2 170 mm (7'1")	1 750 mm (5'9")	1 670 mm (66")	2 710 kg (5 970 lb)
3.3 m³* (4.32 yd³)	2.7 m³	2 240 mm (7'4")	1 900 mm (6'3")	1 750 mm (5'9")	2 970 kg (6 550 lb)

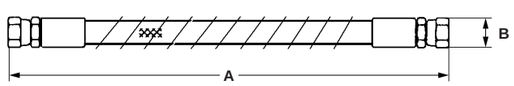
* Rock bucket. Identical to Quarry specifications (Q.S.)



Boom cylinders

520 kg (1 150 lb) × 2

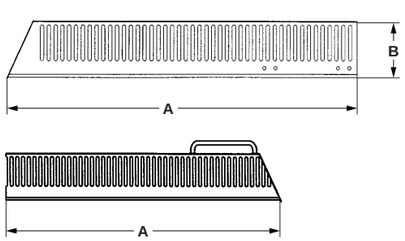
A	B	Overall height
2 660 mm (8"9")	520 mm (1'8")	360 mm (1'2")



Hose of boom cylinders

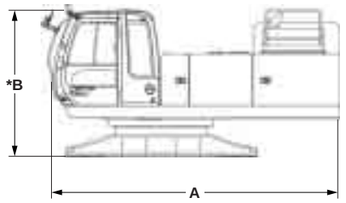
6 kg (7 lb) × 4

A	B
1 120 mm (3"8")	41 mm (1.6")



Left sidewalk

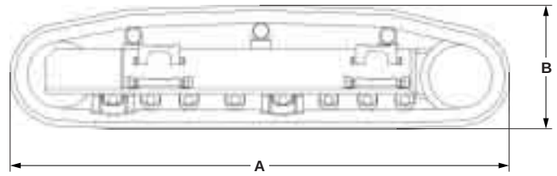
	A	B	Overall width	Weight
Front	1 920 mm (6'4")	430 mm (1'5")	130 mm (5.1")	40 kg (88 lb)
Reverse	2 410 mm (7'11")	340 mm (1'1")	130 mm (5.1")	40 kg (88 lb)



Upperstructure

	A	B	Overall width	Weight
ZAXIS600 ZAXIS600LC	4 950 mm (16'3")	2 600 mm (8'6")	3 290 mm (10'1")	18 300 kg (41 000 lb)
ZAXIS650H* ZAXIS650LCH*	5 000 mm (16'5")	2 650 mm (8'8")	3 290 mm (10'1")	18 600 kg (40 300 lb)

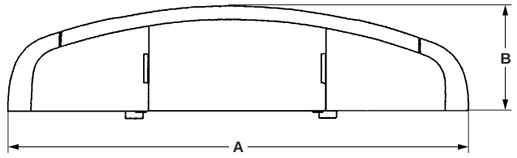
* With Headguard-integrated cab. Identical to Quarry specifications (Q.S.)



Side frame

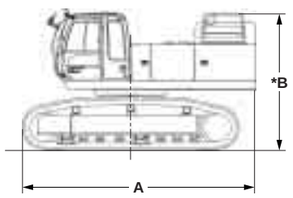
	Shoe width	A	B	Overall width	Weight
ZAXIS600	600 mm (24")	5 330 mm (17'6")	1 310 mm (4'4")	720 mm (2'4")	7 700 kg (17 000 lb)
	750 mm (30")	5 330 mm (17'6")	1 310 mm (4'4")	790 mm (2'7")	8 100 kg (17 900 lb)
ZAXIS600LC	600 mm (24")	5 680 mm (18'8")	1 310 mm (4'4")	720 mm (2'4")	8 200 kg (18 100 lb)
	750 mm (30")	5 680 mm (18'8")	1 310 mm (4'4")	790 mm (2'7")	8 600 kg (19 000 lb)
ZAXIS650H*	600 mm (24")	5 330 mm (17'6")	1 310 mm (4'4")	720 mm (2'4")	7 900 kg (17 400 lb)
ZAXIS650LCH*	600 mm (24")	5 680 mm (18'8")	1 310 mm (4'4")	720 mm (2'4")	8 300 kg (18 300 lb)

* Identical to Quarry specifications (Q.S.)



Counterweight

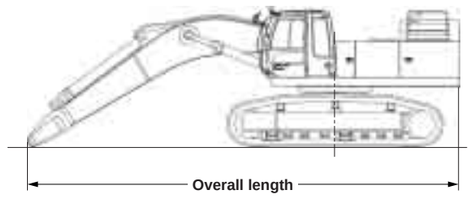
A	B	Overall height	Weight
3 210 mm (00"00")	790 mm (2'7")	1 250 mm (4'1")	10 500 kg (23 200 lb)



Basic machine (without counterweight)

	Shoe width	A	B	Overall width	Weight
ZAXIS600	600 mm (24")	5 730 mm (18'1")	3 450 mm (11'4")	3 300 mm (10'1")	33 800 kg (74 500 lb)
	750 mm (30")	5 730 mm (18'1")	3 450 mm (11'4")	3 450 mm (11'4")	34 600 kg (76 300 lb)
ZAXIS600LC	600 mm (24")	5 900 mm (19'4")	3 450 mm (11'4")	3 300 mm (10'1")	34 700 kg (76 500 lb)
	750 mm (30")	5 900 mm (19'4")	3 450 mm (11'4")	3 450 mm (11'4")	35 500 kg (78 300 lb)
ZAXIS650H*	600 mm (24")	5 730 mm (18'1")	3 500 mm (11'6")	3 300 mm (10'1")	34 300 kg (75 600 lb)
ZAXIS650LCH*	600 mm (24")	5 900 mm (19'4")	3 500 mm (11'6")	3 300 mm (10'1")	35 100 kg (77 400 lb)

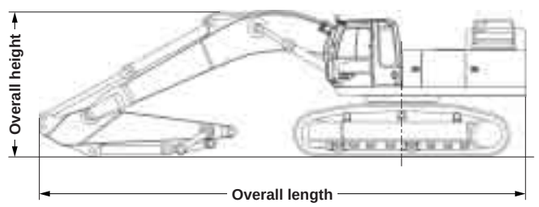
* Overall height of Headguard-integrated cab. Identical to Quarry specifications (Q.S.)



Basic machine (with boom)

	Boom length	Overall length
ZAXIS600, ZAXIS600LC ZAXIS650H*, ZAXIS650LCH*	7.6 m (24'11") 7.6 m (24'11") H-boom	10 650 mm (34'11")
ZAXIS600 ZAXIS600LC	6.6 m (21'8") BE-boom	9 600 mm (31'6")

* Identical to Quarry specifications (Q.S.)



Basic machine (with boom and arm)

	Front	Overall height	Overall length
ZAXIS600 ZAXIS600LC	7.6 m (24'11") boom & 3.5 m (11'6") arm	3 600 mm (11'1")	12 000 mm (39'4")
ZAXIS600 ZAXIS600LC	7.6 m (24'11") boom & 4.1 m (13'5") arm	3 620 mm (11'11")	12 000 mm (39'4")

STANDARD EQUIPMENT

Standard equipment may vary by country, so please consult your Hitachi dealer for details.

ENGINE

- H/P mode control
- E mode control
- 50 A alternator
- Dry-type air double filters with evacuator valve (with air cleaner restriction switch for monitor)
- Cartridge-type engine oil filter
- Cartridge-type fuel filter
- Radiator and oil cooler with dust protective net
- Radiator reserve tank
- Fan guard
- Isolation-mounted engine
- Auto-idle system
- Auto acceleration system

HYDRAULIC SYSTEM

- Work mode selector
- Engine speed sensing system
- E-P control system
- Power boost
- Boom mode selector system
- Quick warm-up system for pilot circuit
- Shockless valve in pilot circuit
- Control valve with main relief valve
- Extra port for control valve
- Suction filter
- Full-flow filter
- Pilot filter

CAB

CRES (Center pillar Reinforced Structure) cab

- OPG top guard fitted level Ⅰ (ISO) compliant cab
- All-weather sound-suppressed steel cab
- Tinted grass windows
- 6 fluid-filled elastic mounts
- Openable windows; upper, and lower front, and left side windows
- Intermittent windshield retractable wipers
- Front window washer
- Adjustable reclining suspension seat with adjustable armrests
- Footrest
- Electric double horn
- AM - FM radio with digital clock
- Auto-idle / acceleration selector
- Seat belt
- Drink holder
- Cigar lighter
- Ashtray
- Storage box
- Glove compartment
- Floor mat
- Pilot control shut-off lever
- Engine stop knob
- Auto control air conditioner

MONITOR SYSTEM

- Meters:
  Hourmeter and trip-meter, engine coolant temperature gauge and fuel gauge
- Warning lamps:
  Alternator charge, engine oil pressure, engine overheat, air filter restriction and minimum fuel level
- Pilot lamps:
  Engine preheat, engine oil level, engine coolant level, auto-idle, auto-acceleration, digging mode, trench digging mode, attachment mode and precision (or heavy lift) mode
- Alarm buzzers:
  Engine oil pressure and engine overheat

LIGHTS

- 2 working lights

UPPERSTRUCTURE

- Undercover
- 10 500 kg (23 100 lb) counterweight
- Fuel level float
- Hydraulic oil level gauge
- Tool box
- Rearview mirror (right & left side)
- Swing parking brake

UNDERCARRIAGE

- Travel parking brake
- Travel motor covers
- Track guards and hydraulic track adjuster
- Idler track guard
- Bolt-on sprocket
- Upper rollers and lower rollers
- Reinforced track links with pin seals
- 600 mm (24") triple grouser shoes

FRONT ATTACHMENTS

- Flanged pin
- Bucket clearance adjust mechanism
- Monolithically cast bucket link A
- Centralized lubrication system
- Dust seal on all bucket pins
- 7.6 m (24'11") boom
- 3.5 m (11'2") arm
- 2.7 m^3 (3.5 yd^3 : SAE, PCSA heaped) bucket : ZAXIS600
- 2.9 m^3 (3.8 yd^3 : SAE, PCSA heaped) bucket : ZAXIS600LC

MISCELLANEOUS

- Standard tool kit
- Lockable machine covers
- Lockable fuel filling cap
- Skid-resistant tapes, plates, handrails and sidewalk
- Travel direction mark on track frame
- Onboard ICX

ZAXIS650H / ZAXIS650LCH (Heavy-duty version)

- 7.6 m (24'11") H-boom and 3.4 m (11'2") H-arm
- Damage preventive plate and square bars
- 2.8 m^3 (3.7 yd^3 : SAE, PCSA heaped) rock bucket (with dual type side shrouds)
- Headguard integrated cab with 2 cab lights
- 4.5 mm (0.18") thickness undercover
- H-track guard (dual type)
- Reinforced side steps (bolt mounted)

ZAXIS650H / ZAXIS650LCH Quarry specifications (Q.S.)

- 7.6 m (24'11") QS-boom and 3.4 m (11'2") QS-arm
- Damage preventive plate and 5 square bars
- 2.8 m^3 (3.66 yd^3 : PCSA heaped) QS-bucket
- reinforced link A
- reinforced link B
- QS-track frame
- Full-length track guard
- Reinforced side steps (bolt mounted)
- Travel motor covers with guard
- Track frame undercover
- 4.5 mm (0.18") thickness undercover (upperstructure)
- Pre-cleaner
- Electric grease gun (grease drum can)
- Fuel refilling pump (with fuel refilling hose)
- OPG top guard fitted level Ⅱ (ISO) compliant cab

OPTIONAL EQUIPMENT

Optional equipment may vary by country, so please consult your Hitachi dealer for details.

- Hose rupture valves
- Electric fuel refilling pump
- Swing motion alarm device with lamps
- OPG top and front guard fitted level Ⅱ (ISO) compliant cab
- Travel motion alarm device
- 2 cab lights (only CRES cab)
- Auto-grease lubricator
- Electric grease gun
- Ladder
- Attachment basic piping
- Accessories for breaker
- Right sidewalk
- Accessories for breaker & crusher
- Accessories for 2 speed selector
- Front glass lower guard
- Front glass upper guard
- Full track guard
- Counterweight removal device
- 6.6 m (21'8") BE-boom
- 2.9 m (9'6") BE-arm
- 600 mm double grouser Shoe
- 750 mm (30") triple grouser shoe
- 900 mm (35") triple grouser shoe

Comparative information based on current Japan domestic model.
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 Operator's Manual for proper operation.

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