STANDARD EQUIPMENT

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

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

HYDRAULIC SYSTEM
- E-P control system
- Quick warm-up system for pilot circuit
- Shockless valve in pilot circuit
- Boom anti-drift valve
- Control valve with main relief valve
- Extra port for control valve
- Suction filter
- Full-flow filter
- Pilot filter

CAB
CRES (Corner Reinforced Structure) cab
- OPG top guard fitted Level (ISO) compliant cab
- All-weather sound-suppressed steel cab
- Reinforced, tinted glass windows
- 4 fluid-filled elastic mounts
- Openable upper and lower front and upper cab door windows
- Intermittent windshield wipers
- Front window washer
- Footrest
- Electric double horn
- AM - FM radio with digital clock
- Auto-idle
- Seat belt
- Drink holder
- Cigar lighter
- Ashtray
- Storage box
- Glove compartment
- Fire extinguisher bracket
- Floor mat
- Pilot control shut-off lever
- Engine stop knob
- Auto control air conditioner
- Transparency roof with roll curtain
- Suspension seat

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, work light, auto-idle
- Alarm buzzers:
  Engine oil pressure and engine overheat

LIGHTS
- 2 working lights

UPPERSTRUCTURE
- Undercover
- 1 200 kg 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
- Hydraulic track adjuster
- Bolt-on sprocket
- Upper rollers and lower rollers
- Reinforced track links with pin seals

FRONT ATTACHMENTS
- HN bushing
- WC thermal spraying
- Bucket clearance adjust mechanism
- Monolithically cast bucket link A
- Centralized lubrication system
- Dirt seal on all bucket pins

MISCELLANEOUS
- Standard tool kit
- Lockable machine covers
- Lockable fuel filling cap
- Handrails
- Travel direction mark on track frame
- Onboard ICX

OPTIONAL EQUIPMENT

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

CAB
- Front glass lower guard
- Front glass upper guard
- Overhead guard
- Anti-vandal cover
- Suspension seat with heater
- Air suspension seat with heater
- Rain guard
- Sun visor
- Additional fuse box
- Immobilizer key
- 12V power source

LIGHTS
- Additional cab roof front lights
- Additional cab roof rear lights
- Rotating lamp
- Additional boom light with cover

UNDERCARRIAGE
- Track undercover
- Blade
  cutting edge fix type
  (width : 2 320 mm for 450 mm shoe)
  (width : 2 450 mm for 600 mm shoe)
  cutting edge replaceable type
  (width : 2 320 mm for 450 mm shoe)

ATTACHMENT
- Hammer and crusher piping
- Parts for hammer
- Parts for hammer and crusher
- Parts for 2 speed selector
- Assist piping
- Additional pump (53L/min)
- Reinforced link B
- Reinforced arm
- Quick coupler piping

OTHERS
- Hose rupture valves
- Overload warning device
- Electric fuel refilling pump
- Fuel double filters
- High-performance full-flow filter (with restriction indicator)
- Biodegradable oil

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, go through Operator's Manual for proper operation.

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HITACHI

ZAXIS 80 SB

- Engine Rated Power : 40.5 kW (55 PS)
- Operating Weight
  ZAXIS80SB : 7 360—8 120 kg
  ZAXIS80SBLC : 7 440—8 210 kg
- Backhoe Bucket
  SAE, PCSA Heaped: 0.13—0.33 m³
  CECE Heaped : 0.12—0.29 m³

ZAXIS

Futuristic Performance

Easier To Use
(Multi-purpose machine)

- Increased front speed: Swing-independent 3-pump hydraulic system.
- 26% more leveling speed (compared to EX60-5).
- 30% more travel power (compared to EX60-5).
- Travel speed increased by 5.0km/h.
- Two auxiliary ports (valves) as standard equipment.
- 19% more swing torque (compared to EX60-5).

Cab Designed For Comfort
(A comfortable place for the operator)

- AM-FM radio as standard equipment.
- Auto control air conditioner.

Lower Running Costs
Stronger structural component design

- Increased wear resistance of bucket joint: WC thermal spraying.
- New HN bushing offers improved grease retention.

Lower Maintenance Costs
Reduced maintenance time and expense

- Daily inspection from ground level.
- Extended lubrication interval at bucket joint section (Every 500 hours).
- Extended replacement interval for hydraulic oil filter (Every 1 000 hours).

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

Smarter & Faster

ZAXIS uses advanced technology to reduce costs while working faster.

Faster Front Operations (compared to EX60-5)

The arm circuit uses a new combination of 3 pumps to provide not only independent speed but also increased speed during leveling operations as well. (26 % more horizontal front pulling speed)

Travel Power You Can Depend On

A new automatic 2-speed travel motors are used to increase travel power and speed.

30 % more travel power than EX60-5

● Travel speeds : 4.8 km/h (EX60-5) ▶ 5.0 km/h

Two Auxiliary Ports (Valves) as Standard Equipment

These ports make it easier to use attachments.

ZAXIS

Minimum Effort Maximum Efficiency

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

Enhanced visibility on the lower right side

Unobstructed view makes for speedy and precise digging.

Boom swing pedal

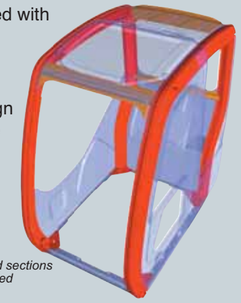
Boom swing pedal is located to the right of the travel pedals.

Safety & Service

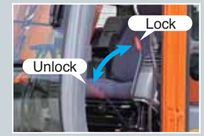
Corner Reinforced Structure (CRES) Cab

*OPG top guard fitted level (ISO) compliant Cab

The cab is designed with "just in case" protection for the operator in mind. The rigid cab design can help to reduce the potential for injury to the operator in the event of an accident.



Reinforced sections shown in red



Pilot-control shut-off lever

Seat belt

Left side rearview mirror

Right side rearview mirror

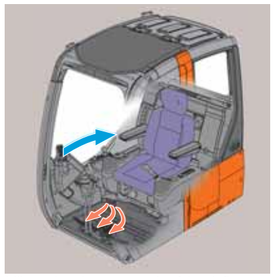
- Emergency evacuation hammer
- Idler direction mark
- Large overhead window
- Engine stop knob
- Right window guard

Easy-to-Monitor Instruments

Strategically positioned instruments allow the operator to monitor the status of key areas with just a glance.

Easy-to-Operate

Switches and other essential controls are located near the operator. This helps keep operator movement to a minimum, enhancing control and helping to fight fatigue.



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

Auto Control Air Conditioner

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

Easy lock front window latch

Storage box

Slide window

Drink holder

AM-FM radio as standard equipment

ZAXIS

Functional & Durable

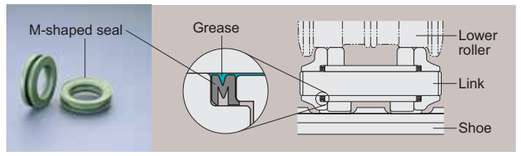
Extensive steps have been taken to support basic performance and overall durability.

Lower running costs

1. Flanged pins are used for the boom/arm joint sections
2. WC thermal spraying for arm joint sections
3. Bucket joint pins lubricated through bosses
4. New HN bushing used for front sections
5. Strengthend arm
6. Strengthend swing circle

WC (Tungsten Carbide) Thermal Spraying

Used at arm end and bucket connection to increase wear resistance and reduce jerking.

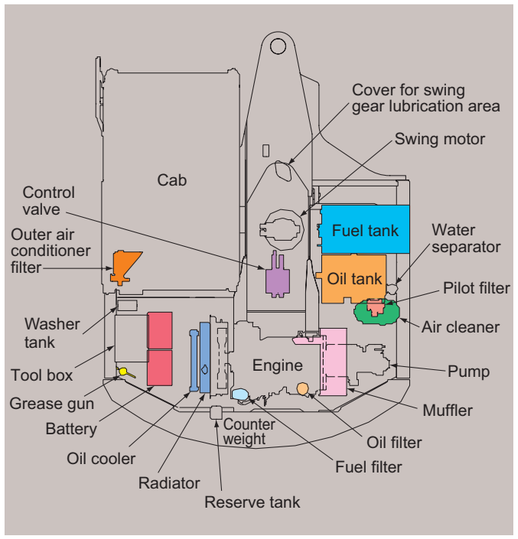


Longer Track Link Service Life

The M-shaped track link seal is used to enhance grease retention.

Smart Saving

Advanced technology helps reduce maintenance costs



Servicing Access is at Ground Level to Speed Daily Inspection

A wide maintenance area helps daily inspection and repair operations.

New HN Bushing Used

A special grease groove is used to enhance grease retention inside the HN bushing.

Time between lubrication of bucket components extended to 500 hours (See the Operators Manual)

Hydraulic Oil Filter Only Needs Replacement Every 1000 Hours

The hydraulic oil filter can be used nearly twice as long as the previous model, dramatically reducing maintenance time and expense.

1000 hours between hydraulic oil filter replacement

Swing Gear Reduction Unit Does Not Need Lubricant Change

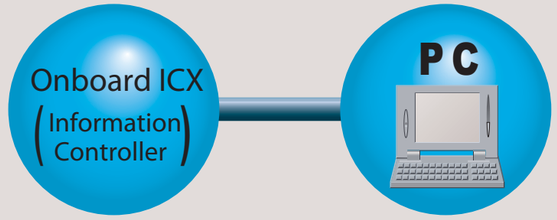
Lubricated by hydraulic oil.

ZAXIS

Information Technology Support

Providing the data for making the right decisions.

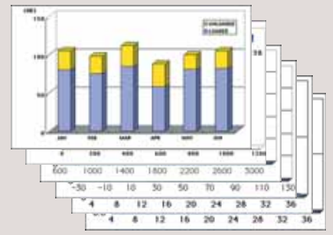
Equipment Operation Status Report



Information Services for Equipment

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

and others.



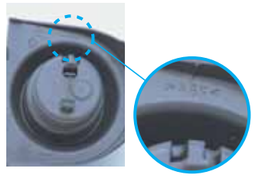
Engine oil filter and standard water separator are located for easy access.

Undercarriage Designed for Easy Mud Removal

Environmentally Friendly

Emissions Control Engine

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



- **Labeled Plastic Parts**
  The plastic parts indicate the type of plastic used to help speed recycling.
- **Lead-free Wiring**
- **Aluminium Radiator and Oil Cooler**

ENGINE

Model ..... Isuzu CC-4JG1
Type ..... 4-cycle water-cooled, direct injection
No. of cylinders 4
Rated power
DIN 6271, net ..... 40.5 kW (55 PS) at 2 100 min^{-1} (rpm)
SAE J1349, net ..... 39 kW (52 hp) at 2 100 min^{-1} (rpm)
Maximum torque ..... 192 N·m (19.6 kgf·m) at 1 800 min^{-1} (rpm)
Piston Displacement ..... 3.059 L
Bore and stroke ..... 95.4 mm x 107 mm
Batteries ..... 2 x 12 V / 52 AH
Governor ..... Mechanical speed control with stepping motor

HYDRAULIC SYSTEM

- Swing-independent 3-pump hydraulic system
- OHS (Optimum Hydraulic System) assures fully independent and combined operations
- New-type automatic 2-speed motor increases traction force and travel speed

Main pumps ..... 3 variable displacement axial piston pumps
Maximum oil flow ..... 2 x 69.3 L/min
1 x 52.5 L/min
Pilot pump ..... 1 gear pump
Max. oil flow ..... 22.5 L/min

Hydraulic Motors

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

Relief Valve Settings

Implement circuit ..... 26.0 MPa (265 kgf/cm^2)
Swing circuit ..... 25.0 MPa (255 kgf/cm^2)
Travel circuit ..... 31.4 MPa (320 kgf/cm^2)
Pilot circuit ..... 3.9 MPa (40 kgf/cm^2)

Hydraulic Cylinders

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

Dimensions

	Qty.	Bore	Rod diameter
Boom	1	115 mm	65 mm
Arm	1	95 mm	60 mm
Bucket	1	85 mm	55 mm
Boom swing	1	110 mm	60 mm

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 Mechanism

Axial piston motor with planetary reduction 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 speed ..... 11.3 min^{-1} (rpm)

Operator's Cab

Independent spacious cab, 1 005 mm wide by 1 675 mm high, conforming to ISO* Standards. Reinforced glass windows on 4 sides for visibility. Front windows (upper and lower) are openable. Adjustable, reclining seat with armrests; movable with or without control levers.
* International Standardization Organization

UNDERCARRIAGE

Tracks

Tractor-type undercarriage. Welded track frame using selected materials. Side frame welded to track frame. Lubricated track rollers, idlers, and sprockets with floating seals.
Track shoes with triple grousers made of induction-hardened rolled alloy. Flat and triangular shoes are also available. 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 1
Lower rollers 5
Track shoes 38: ZAXIS80SB
40: ZAXIS80SBLC

Traction Device

Each track driven by 2-speed axial piston motor through planetary reduction gear for counterrotation 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. Automatic transmission system: High-Low.
Travel speeds ..... High: 0 to 5.0 km/h
Low: 0 to 3.3 km/h
Maximum traction force ..... 60.4 kN (6 160 kgf)
Gradeability ..... 35° (70%) continuous

SERVICE REFILL CAPACITIES

	liters
Fuel tank	135.0
Engine coolant	9.5
Engine oil	12.0
Travel final device (each side)	2.5
Hydraulic system	100.0
Hydraulic tank (Reference oil level)	60.0

WEIGHTS AND GROUND PRESSURE

ZAXIS80SB / ZAXIS80SBLC (without blade):

Equipped with 3.28 m monoblock boom, 1.62 m arm and 0.28 m^3 (SAE, PCSA heaped) bucket.

Shoe type	Shoe width	Operating weight	Ground pressure
Triple grouser	450 mm	7 400 kg	34 kPa (0.35 kgf/cm^2)
		7 490 kg	32 kPa (0.33 kgf/cm^2)
	600 mm	7 570 kg	26 kPa (0.27 kgf/cm^2)
		7 660 kg	25 kPa (0.25 kgf/cm_2)
Pad	450 mm	7 390 kg	34 kPa (0.35 kgf/cm^2)
		7 480 kg	32 kPa (0.33 kgf/cm^2)
Rubber	450 mm	7 360 kg	34 kPa (0.35 kgf/cm^2)
		7 440 kg	32 kPa (0.33 kgf/cm^2)
Flat	450 mm	7 570 kg	35 kPa (0.36 kgf/cm^2)
		7 660 kg	33 kPa (0.34 kgf/cm^2)

Figures in [blue] are data on the ZAXIS80SBLC.
Weights of the basic machines [including 1 200 kg counterweight and triple grouser shoes, excluding front-end attachment, fuel, hydraulic oil, engine oil and coolant etc.] are:
Without blade
ZAXIS80SB ..... 6 060 kg with 450 mm shoes
ZAXIS80SBLC ..... 6 140 kg with 450 mm shoes

ZAXIS80SB / ZAXIS80SBLC (with blade):

Equipped with 3.28 m monoblock boom, 1.62 m arm and 0.28 m^3 (SAE, PCSA heaped).

Shoe type	Shoe width	Operating weight	Ground pressure
Triple grouser	450 mm	7 950 kg	36 kPa (0.37 kgf/cm^2)
		8 030 kg	35 kPa (0.36 kgf/cm^2)
	600 mm	8 110 kg	28 kPa (0.29 kgf/cm^2)
		8 210 kg	26 kPa (0.27 kgf/cm^2)
Pad	450 mm	7 940 kg	36 kPa (0.37 kgf/cm^2)
		8 020 kg	34 kPa (0.35 kgf/cm^2)
Rubber	450 mm	7 900 kg	36 kPa (0.37 kgf/cm^2)
		7 980 kg	34 kPa (0.35 kgf/cm^2)
Flat	450 mm	8 120 kg	37 kPa (0.38 kgf/cm^2)
		8 210 kg	35 kPa (0.36 kgf/cm^2)

Figures in [blue] are data on the ZAXIS80SBLC.
Weights of the basic machines [including 1 200 kg counterweight and triple grouser shoes, excluding front-end attachment, fuel, hydraulic oil, engine oil and coolant etc.] are:
With blade
ZAXIS80SB ..... 6 610 kg with 450 mm shoes
ZAXIS80SBLC ..... 6 690 kg with 450 mm shoes

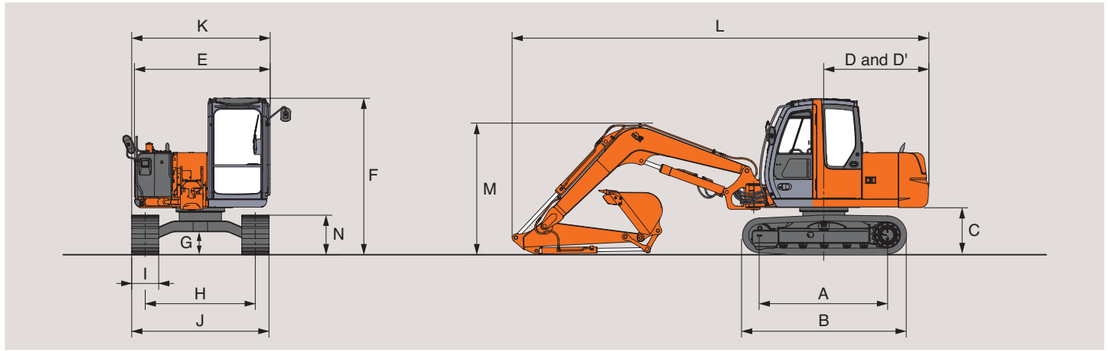
BACKHOE ATTACHMENTS

Boom and arms are of all-welded, box-section design. 3.28 m monoblock boom, 1.62 m and 2.12 m arms are available.
Bucket is of all-welded steel structure. Side clearance adjust mechanism provided on the bucket joint bracket.

Buckets

Capacity SAE, PCSA heaped	Width Without side cutters	Weight
0.24 m^3	500 mm	231 kg
0.27 m^3	600 mm	251 kg
0.32 m^3	700 mm	286 kg
0.38 m^3	800 mm	306 kg

DIMENSIONS

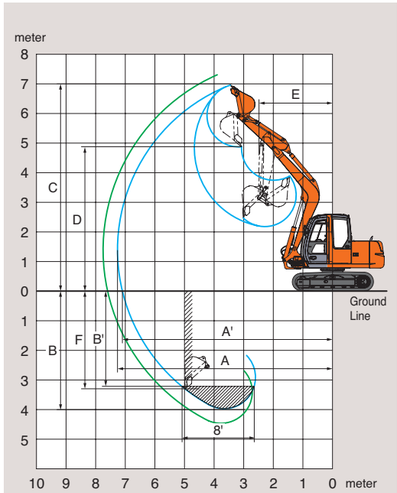


Unit: mm

		ZAXIS80SB	ZAXIS80SBLC	ZAXIS80SB with Pad crawler	ZAXIS80SBLC with Pad crawler
A	Distance between tumblers	2 140	2 290	2 140	2 290
B	Undercarriage length	2 765	2 920	2 815	2 970
*C	Counterweight clearance	760	760	810	810
D	Rear-end swing radius	1 750	1 750	1 750	1 750
D'	Rear-end length	1 750	1 750	1 750	1 750
E	Overall width of upperstructure	2 260	2 260	2 260	2 260
F	Overall height of cab	2 600	2 600	2 630	2 630
*G	Min. ground clearance	360	360	410	410
H	Track gauge	1 750	1 870	1 750	1 870
I	Track shoe width	G 450	G 450	P 450	P 450
J	Undercarriage width	2 200	2 320	2 200	2 320
K	Overall width	2 260	2 320	2 260	2 320
L	Overall length				
	With 1.62 m arm	6 960	6 960	6 960	6 960
	With 2.12 m arm	7 130	7 130	7 130	7 130
M	Overall height of boom				
	With 1.62 m arm	2 170	2 170	2 170	2 170
	With 2.12 m arm	2 600	2 600	2 600	2 600
N	Track height	655	655	715	715

* Excluding track shoe lug. G: Triple grouser shoe P: Pad crawler

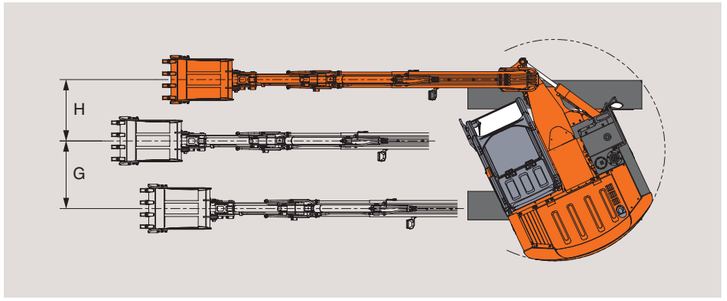
WORKING RANGES



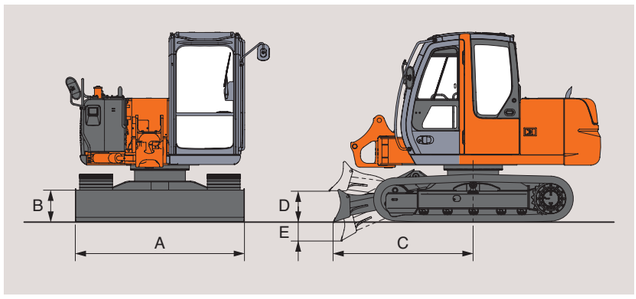
Unit: mm

		ZAXIS80SB / ZAXIS80SBLC		ZAXIS80SB / ZAXIS80SBLC with pad crawler	
Arm length		1.62 m	2.12 m	1.62 m	2.12 m
A	Max. digging reach	7 260	7 750	7 260	7 760
A'	Max. digging reach (on ground)	7 100	7 590	7 090	7 580
B	Max. digging depth	4 000	4 500	3 950	4 450
B'	Max. digging depth (8' level)	3 210	3 740	3 160	3 690
C	Max. cutting height	6 940	7 330	6 990	7 380
D	Max. dumping height	4 850	5 230	4 900	5 280
E	Min. swing radius	2 550	2 900	2 550	2 900
F	Max. vertical wall	3 320	3 830	3 270	3 260
G	Left side off-set distance	1 070			
H	Right side off-set distance	970			
Bucket digging force	ISO	55 kN (5 600 kgf)			
	SAE : PCSA	47 kN (4 800 kgf)			
Arm crowd force	ISO	38 kN (3 900 kgf)	32 kN (3 300 kgf)	38 kN (3 900 kgf)	32 kN (3 300 kgf)
	SAE : PCSA	36 kN (3 700 kgf)	31 kN (3 200 kgf)	36 kN (3 700 kgf)	31 kN (3 200 kgf)

Excluding track shoe lug



ZAXIS80SB / ZAXIS80SBLC with dozer blade (Option)

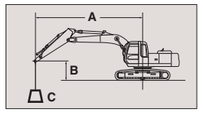


Equipped with 3.28 m boom, 1.62 m arm, 450 mm triple grouser shoe and 0.28 m³ (SAE, PCSA heaped) bucket.

Operating wight ..... STD: 7 950 kg
LC: 8 030 kg

Ground pressure ..... STD: 36 kPa (0.37 kgf/cm²)
LC: 35 kPa (0.36 kgf/cm²)

A Overall width of blade ..... 2 320 mm
B Overall height of blade ..... 435 mm
C Blade distance ..... 1 920 mm
D Max. raising height above ground ..... 400 mm
E Max. lowering depth from ground ..... 280 mm



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

METRIC MEASURE

ZAXIS80SB

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

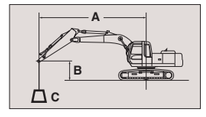
Conditions		Load point height	Load radius 2 m		3 m		4 m		5 m		6 m		At max. reach		
															meter
Arm	1.62 m	4 m					2 110	1 720	1 470	1 200			1 270	1 040	5.45
		3 m			3 200	2 550	2 030	1 640	1 440	1 170			1 100	890	5.93
		2 m					1 910	1 530	1 390	1 120	1 060	850	1 010	820	6.16
		1 m					1 820	1 440	1 340	1 070	1 030	830	990	790	6.18
Shoe	450 mm	0 (Ground)			*2 480	2 120	1 770	1 400	1 300	1 040			1 020	810	6.00
		−1 m	*3 220	*3 220	2 760	2 140	1 770	1 400	1 300	1 030			1 120	900	5.57
		−2 m			2 800	2 170	1 790	1 420					1 380	1 100	4.84
		−3 m													
Arm	2.11 m	4 m					*1 880	1 760	1 490	1 220	1 100	890	1 090	880	6.01
		3 m					2 070	1 680	1 460	1 180	1 090	880	960	780	6.44
		2 m					1 950	1 570	1 400	1 130	1 060	850	900	720	6.65
		1 m					1 830	1 460	1 340	1 070	1 030	820	880	700	6.67
Shoe	450 mm	0 (Ground)			*2 540	2 090	1 770	1 390	1 290	1 030	1 000	800	900	710	6.50
		−1 m	*2 500	*2 500	2 710	2 090	1 740	1 370	1 270	1 010	990	790	970	770	6.12
		−2 m	*3 980	*3 980	2 730	2 110	1 750	1 380	1 280	1 010			1 130	900	5.48
		−3 m			2 800	2 170	1 790	1 420					1 560	1 240	4.42

ZAXIS80SB Blade (Down)

Unit: kg

Conditions		Load point height	Load radius 2 m		3 m		4 m		5 m		6 m		At max. reach		
															meter
Arm	1.62 m	4 m					*2 260	1 860	*2 090	1 310			*1 760	1 130	5.45
		3 m			*3 850	2 760	*2 700	1 790	*2 240	1 280			*1 750	980	5.93
		2 m					*3 310	1 680	*2 480	1 230	*2 080	940	*1 830	900	6.16
		1 m					*3 710	1 590	*2 680	1 180	*2 130	920	*2 010	880	6.18
Shoe	450 mm	0 (Ground)			*2 480	2 340	*3 720	1 550	*2 710	1 150			*2 060	900	6.00
		−1 m	*3 220	*3 220	*4 620	2 350	*3 390	1 540	*2 490	1 140			*2 040	990	5.57
		−2 m			*3 550	2 390	*2 670	1 560					*1 940	1 210	4.84
		−3 m													
Arm	2.11 m	4 m					*1 880	*1 880	*1 820	1 330	*1 490	980	*1 440	970	6.01
		3 m					*2 320	1 830	*2 010	1 290	*1 840	970	*1 430	860	6.44
		2 m					*2 970	1 710	*2 290	1 240	*1 950	940	*1 470	800	6.65
		1 m					*3 520	1 600	*2 560	1 180	*2 060	910	*1 580	780	6.67
Shoe	450 mm	0 (Ground)			*2 540	2 300	*3 730	1 540	*2 690	1 140	*2 100	890	*1 790	790	6.50
		−1 m	*2 500	*2 500	*3 910	2 300	*3 580	1 510	*2 610	1 120	*1 950	880	*1 860	850	6.12
		−2 m	*3 980	*3 980	*4 350	2 330	*3 080	1 520	*2 220	1 120			*1 830	1 000	5.48
		−3 m			*2 810	2 390	*2 000	1 560					*1 620	1 370	4.42

Notes: 1. Ratings are based on ISO 10567.
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 the center-line of the bucket pivot mounting pin on the arm.
4. *Indicates load limited by hydraulic capacity.



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

METRIC MEASURE

ZAXIS80SBLC

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

Conditions		Load point height	Load radius 2 m		3 m		4 m		5 m		6 m		At max. reach		
															meter
Arm	1.62 m	4 m					*2 260	1 890	1 630	1 320			1 410	1 140	5.45
		3 m			3 610	2 820	2 260	1 810	1 600	1 290			1 220	980	5.93
		2 m					2 140	1 700	1 550	1 240	1 180	940	1 130	900	6.16
		1 m					2 040	1 600	1 490	1 190	1 150	920	1 100	880	6.18
Shoe	450 mm	0 (Ground)			*2 480	2 390	2 000	1 560	1 460	1 160			1 140	900	6.00
		−1 m	*3 220	*3 220	3 140	2 400	1 990	1 560	1 450	1 150			1 260	990	5.57
		−2 m			3 180	2 440	2 020	1 580					1 540	1 220	4.84
		−3 m													
Arm	2.11 m	4 m					*1 880	*1 880	1 650	1 340	1 220	980	1 210	980	6.01
		3 m					2 300	1 850	1 620	1 300	1 210	970	1 070	860	6.44
		2 m					2 180	1 730	1 560	1 250	1 180	940	1 000	800	6.65
		1 m					2 060	1 620	1 500	1 190	1 150	910	980	780	6.67
Shoe	450 mm	0 (Ground)			*2 540	2 350	1 990	1 550	1 450	1 140	1 120	890	1 000	790	6.50
		−1 m	*2 500	*2 500	3 090	2 350	1 970	1 530	1 430	1 120	1 110	880	1 080	860	6.12
		−2 m	*3 980	*3 980	3 120	2 380	1 970	1 540	1 430	1 130			1 270	1 000	5.48
		−3 m			*2 810	2 440	*2 000	1 580					*1 620	1 380	4.42

ZAXIS80SBLC Blade (Down)

Unit: kg

Conditions		Load point height	Load radius 2 m		3 m		4 m		5 m		6 m		At max. reach		
															meter
Arm	1.62 m	4 m					*2 260	2 030	*2 090	1 430			*1 760	1 240	5.45
		3 m			*3 850	3 040	*2 700	1 960	*2 240	1 400			*1 750	1 070	5.93
		2 m					*3 310	1 840	*2 480	1 350	*2 080	1 030	*1 830	990	6.16
		1 m					*3 710	1 750	*2 680	1 300	*2 130	1 010	*2 010	960	6.18
Shoe	450 mm	0 (Ground)			*2 480	*2 480	*3 720	1 710	*2 710	1 260			*2 060	990	6.00
		−1 m	*3 220	*3 220	*4 620	2 620	*3 390	1 700	*2 490	1 260			*2 040	1 090	5.57
		−2 m			*3 550	2 650	*2 670	1 720					*1 940	1 330	4.84
		−3 m													
Arm	2.11 m	4 m					*1 880	*1 880	*1 820	1 450	*1 490	1 070	*1 440	1 060	6.01
		3 m					*2 320	1 990	*2 010	1 410	*1 840	1 060	*1 430	940	6.44
		2 m					*2 970	1 880	*2 290	1 360	*1 950	1 030	*1 470	870	6.65
		1 m					*3 520	1 770	*2 560	1 300	*2 060	1 000	*1 580	850	6.67
Shoe	450 mm	0 (Ground)			*2 540	*2 540	*3 730	1 700	*2 690	1 250	*2 100	980	*1 790	870	6.50
		−1 m	*2 500	*2 500	*3 910	2 570	*3 580	1 680	*2 610	1 230	*1 950	970	*1 860	940	6.12
		−2 m	*3 980	*3 980	*4 350	2 590	*3 080	1 680	*2 220	1 240			*1 830	1 100	5.48
		−3 m			*2 810	2 660	*2 000	1 730					*1 620	1 500	4.42

Notes: 1. Ratings are based on ISO 10567.
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 the center-line of the bucket pivot mounting pin on the arm.
4. *Indicates load limited by hydraulic capacity.