ZAXIS-7 series

HITACHI

Reliable solutions

ZAXIS160/180

HYDRAULIC EXCAVATOR

Model Code :	ZX160LC-7	ZX180LC-7 / ZX180LCN-7
Engine Rated Power :	101.3 kW	101.3 kW
Operating Weight :	17 700 – 19 000 kg	18 900 – 20 500 kg
Bucket Capacity :	0.52 – 0.82 m^3	0.51 – 0.91 m^3

SPECIFICATIONS

ENGINE

Model	Yanmar 4TN107
Type	4-cycle water-cooled, common rail direct injection
Aspiration	Turbocharged, intercooled, cooled EGR
Aftertreatment	DOC+CSF+SCR
No. of cylinders	4
Rated power	
ISO 14396 : 2002	101.3 kW at 1 900 min^{-1}
ISO 9249 : 2007	98.6 kW at 1 900 min^{-1}
Maximum torque	602 Nm at 1 500 min^{-1}
Piston displacement	4.567 L
Bore and stroke	107 mm x 127 mm
Batteries	2 x 12 V / 93 Ah

HYDRAULIC SYSTEM

Hydraulic Pumps

Main pumps	2 variable displacement axial piston pumps
Maximum oil flow	2 x 190 L/min
Pilot pump	1 gear pump
Maximum oil flow	31.9 L/min

Hydraulic Motors

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

Relief Valve Settings

Unit: MPa

	ZX160LC-7	ZX180LC-7 / ZX180LCN-7
Implement circuit	34.3	34.3
Swing circuit	29.3	32.4
Travel circuit	34.3	34.3
Pilot circuit	3.9	3.9
Power boost	38.0	38.0

Hydraulic Cylinders

ZX160LC-7

Unit: mm

	Quantity	Bore	Rod diameter
Boom	2	110	80
Arm	1	120	90
Bucket	1	105	75
Positioning *1	1	140	95

*1 : For 2-piece boom

ZX180LC-7 / ZX180LCN-7

Unit: mm

	Quantity	Bore	Rod diameter
Boom	2	120	85
Arm	1	125	90
Bucket	1	105	75
Positioning *1	1	150	100

*1 : For 2-piece boom

UPPERSTRUCTURE

Revolving Frame

D-section frame for resistance to deformation.

Swing Device

Axial piston motor with planetary reduction gear is bathed in oil. Swing circle is single-row. Swing parking brake is spring-set/hydraulic-released disc type.

ZX160LC-7

Swing speed	13.3 min^{-1}
Swing torque	44 kNm

ZX180LC-7 / ZX180LCN-7

Swing speed	14.1 min^{-1}
Swing torque	53 kNm

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. Heat-treated connecting pins with dirt seals. Hydraulic (grease) track adjusters with shock-absorbing recoil springs.

Numbers of Rollers and Shoes on Each Side

	ZX160LC-7	ZX180LC-7 / ZX180LCN-7
Upper rollers	2	2
Lower rollers	7	7
Track shoes	43	46
Track guards	1	1

Travel Device

Each track driven by 2-speed axial piston motor.
Parking brake is spring-set/hydraulic-released disc type.
Automatic transmission system: High-Low.

Travel speeds	High : 0 to 5.3 km/h Low : 0 to 3.4 km/h
Maximum traction force	164 kN
Gradeability	70% (35 degree) continuous

ENVIRONMENT

Engine Emissions
EU Stage V

Sounds Level
ZX160LC-7
Sound level in cab according to ISO 6396 : 2008 ..... LpA 70 dB(A)
External sound level according to ISO 6395 : 2008 and
EU Directive 2000/14/EC .....LwA 100 dB(A)

ZX180LC-7 / ZX180LCN-7
Sound level in cab according to ISO 6396 : 2008..... LpA 69 dB(A)
External sound level according to ISO 6395 : 2008 and
EU Directive 2000/14/EC .....LwA 100 dB(A)

Air Conditioning System
The air conditioning system contains fluorinated greenhouse gases.
Refrigerant type: HFC-134a, GWP: 1 430, Amount: 0.85 kg, CO_2e: 1.22 ton.

SERVICE REFILL CAPACITIES

Unit: L

	ZX160LC-7	ZX180LC-7 / ZX180LCN-7
Fuel tank	285.0	285.0
Engine coolant	23.0	23.0
Engine oil	22.0	22.0
Swing device	6.9	6.9
Travel device (each side)	6.8	6.8
Hydraulic system	210.0	210.0
Hydraulic oil tank	125.0	125.0
DEF / Adblue®Tank	35.0	35.0

WEIGHTS AND GROUND PRESSURE

Operating Weight and Ground Pressure

			ZX160LC-7			
Boom type			Monoblock		2-Piece	
Shoe type	Shoe width (mm)	Arm length (m)	kg	kPa	kg	kPa
Triple grouser	500	2.58	17 700	51	18 200	53
	600	2.58	17 900	43	18 400	44
	700	2.58	18 200	37	18 700	38
	800	2.58	18 500	33	19 000	34

Including 0.63 m^3 (ISO 7451 : 2007 heaped) bucket weight (500 kg) and counterweight (3 050 kg).

			ZX180LC-7				ZX180LCN-7			
Boom type			Monoblock		2-Piece		Monoblock		2-Piece	
Shoe type	Shoe width (mm)	Arm length (m)	kg	kPa	kg	kPa	kg	kPa	kg	kPa
Triple grouser	500	2.71	–	–	–	–	18 900	51	19 700	53
	600	2.71	19 200	43	20 000	45	19 200	43	19 900	44
	700	2.71	19 500	37	20 300	39	19 400	37	20 200	39
	800	2.71	19 800	33	20 500	34	–	–	–	–

Including 0.70 m^3 (ISO 7451 : 2007 heaped) bucket weight (600 kg) and counterweight (3 370 kg).

SPECIFICATIONS

BASIC MACHINE WEIGHT AND COMPONENTS WEIGHT

Basic Machine Weight and Overall Width

Excluding front end attachment, fuel, hydraulic oil and coolant etc. Including counterweight.

		ZX160LC-7	
Shoe Type	Shoe width (mm)	Weight (kg)	Overall width (mm)
Triple grouser	500	14 200	2 520
	600	14 400	2 590
	700	14 700	2 690
	800	15 000	2 890

		ZX180LC-7		ZX180LCN-7	
Shoe Type	Shoe width (mm)	Weight (kg)	Overall width (mm)	Weight (kg)	Overall width (mm)
Triple grouser	500	–	–	14 900	2 520
	600	15 200	2 800	15 200	2 590
	700	15 500	2 900	15 400	2 690
	800	15 800	3 000	–	–

Components Weight

Unit: kg

	ZX160LC-7	ZX180LC-7 / ZX180LCN-7
Counterweight	3 050	3 370
Monoblock boom (with arm cylinder and boom cylinder)	1 650	1 950
2-Piece boom (with arm cylinder and boom cylinder)	2 170	2 710
Arm 2.58 m (with bucket cylinder)	810	–
Arm 2.71 m (with bucket cylinder)	–	900
Bucket ISO 7451 : 2007 0.63 m^3	500	–
Bucket ISO 7451 : 2007 0.70 m^3	–	600

BUCKET AND ARM DIGGING FORCE

Unit: kN

	ZX160LC-7	ZX180LC-7 / ZX180LCN-7
Arm length	2.58 m	2.71 m
Bucket digging force* ISO 6015 : 2006	112	127
Arm crowd force* ISO 6015 : 2006	91	95

* At power boost

MEMO

SPECIFICATIONS

ZX160LC-7

DIMENSIONS

Unit: mm

	ZX160LC-7
A Distance between tumblers	3 100
B Undercarriage length	3 920
*1 C Counterweight clearance	980
D Rear-end swing radius	2 550
D' Rear-end length	2 530
E Overall width of upperstructure	2 500
F Overall height of cab	2 950
F' Overall height of handrail	3 030
F" Overall height of handrail (on cab)	3 020
*1 G Min. ground clearance	470
H Track gauge	1 990
I Track shoe width	G 500
J Undercarriage width	2 500
K Overall width	2 520
*1 L Track height with triple grouser shoes	920
MONOBLOCK BOOM	
M Overall length	
With arm 2.58 m	8 620
N Overall height of boom	
With arm 2.58 m	2 860
2-PIECE BOOM	
M' Overall length	
With arm 2.58 m	8 420
N' Overall height of boom	
With arm 2.58 m	2 830

*1 Excluding track shoe lug G: Triple grouser shoe

SPECIFICATIONS

ZX160LC-7

WORKING RANGES

Unit: mm

	ZX160LC-7	
Front Type	Monoblock boom	2-Piece boom
Arm length	2.58 m	2.58 m
A Max. digging reach	8 870	8 690
A' Max. digging reach (on ground)	8 700	8 510
B Max. digging depth	5 980	5 580
B' Max. digging depth for 2.44 m level	5 740	5 470
C Max. cutting height	8 880	9 740
D Max. dumping height	6 170	6 900
D' Min. dumping height	2 360	2 640
E Min. swing radius	2 910	2 070
F Max. vertical wall digging depth	5 150	4 710

Excluding track shoe lug

SPECIFICATIONS

ZX180LC-7 / ZX180LCN-7

DIMENSIONS

Unit: mm

	ZX180LC-7	ZX180LCN-7
A Distance between tumblers	3 370	3 370
B Undercarriage length	4 170	4 170
*1 C Counterweight clearance	980	980
D Rear-end swing radius	2 550	2 550
D' Rear-end length	2 530	2 530
E Overall width of upperstructure	2 500	2 500
F Overall height of cab	2 950	2 950
F' Overall height of handrail	3 030	3 030
F" Overall height of handrail (on cab)	3 020	3 020
*1 G Min. ground clearance	450	450
H Track gauge	2 200	1 990
I Track shoe width	G 600	G 500
J Undercarriage width	2 800	2 500
K Overall width	2 800	2 520
*1 L Track height with triple grouser shoes	920	920
MONOBLOCK BOOM		
M Overall length		
With arm 2.71 m	9 050	9 050
N Overall height of boom		
With arm 2.71 m	3 090	3 090
2-PIECE BOOM		
M' Overall length		
With arm 2.71 m	8 910	8 910
N' Overall height of boom		
With arm 2.71 m	3 040	3 040

*1 Excluding track shoe lug G: Triple grouser shoe

SPECIFICATIONS

ZX180LC-7 / ZX180LCN-7

WORKING RANGES

Unit: mm

	ZX180LC-7 / ZX180LCN-7	
Front Type	Monoblock boom	2-Piece boom
Arm length	2.71 m	2.71 m
A Max. digging reach	9 430	9 350
A' Max. digging reach (on ground)	9 270	9 190
B Max. digging depth	6 570	6 050
B' Max. digging depth for 2.44 m level	6 320	5 940
C Max. cutting height	9 400	10 530
D Max. dumping height	6 570	7 590
D' Min. dumping height	2 550	3 050
E Min. swing radius	3 130	2 230
F Max. vertical wall digging depth	5 550	5 100

Excluding track shoe lug

MACHINE CAPACITIES

ZX160LC-7

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 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.

ZX160LC-7 MONOBLOCK BOOM

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

Conditions	Load point height m	Load radius 1.5 m		3.0 m		4.5 m		6.0 m		At max. reach		
												meter
Boom 5.10 m Arm 2.58 m Counterweight 3 050 kg	6.0							*3 280	*3 280	*3 130	*3 130	6.05
	4.5					*4 540	*4 540	*4 270	3 530	*3 060	2 820	6.89
	3.0			*8 830	*8 830	*5 840	5 170	*4 810	3 390	*3 170	2 500	7.33
	1.5					*7 220	4 830	5 010	3 240	*3 450	2 380	7.44
	0 (Ground)			*6 250	*6 250	7 500	4 620	4 880	3 130	3 750	2 430	7.23
	-1.5	*5 730	*5 730	*10 400	8 390	7 430	4 560	4 840	3 090	4 160	2 680	6.69
	-3.0	*10 300	*10 300	*10 970	8 540	7 500	4 620			5 260	3 360	5.72
	-4.5									*6 050	5 770	3.98

ZX160LC-7 2-PIECE BOOM

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

Conditions	Load point height m	Load radius 1.5 m		3.0 m		4.5 m		6.0 m		At max. reach		
												meter
2-Piece Boom Arm 2.58 m Counterweight 3 050 kg	7.5									*3 600	*3 600	4.3
	6.0					*4 430	*4 430			*3 140	*3 140	5.83
	4.5			*4 950	*4 950	*4 970	*4 970	*3 970	3 600	*3 030	2 940	6.69
	3.0	*13 880	*13 880	*10 060	9 740	*5 760	5 390	*4 220	3 550	*3 120	2 580	7.14
	1.5	*14 920	*14 920	*11 640	9 490	*7 130	5 210	*4 660	3 410	*3 380	2 440	7.26
	0 (Ground)	*12 420	*12 420	*12 560	9 460	*7 750	5 150	5 000	3 230	*3 820	2 490	7.05
	-1.5	*16 100	*16 100	*12 760	8 980	7 740	4 800	4 890	3 100	4 350	2 770	6.49
	-3.0	*18 640	*18 640	*12 430	8 730	*7 400	4 650			*4 650	3 540	5.48

MACHINE CAPACITIES

ZX180LC-7 / ZX180LCN-7

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 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.

ZX180LC-7 MONOBLOCK BOOM

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

Conditions	Load point height m	Load radius 1.5 m		3.0 m		4.5 m		6.0 m		7.5 m		At max. reach		
														meter
Boom 5.50 m Arm 2.71 m Counterweight 3 370 kg	6.0							*4 480	4 240			*3 380	*3 380	6.69
	4.5					*5 340	*5 340	*4 860	4 130			*3 340	2 900	7.45
	3.0					*7 020	6 010	*5 610	3 940	4 310	2 800	*3 460	2 600	7.86
	1.5					*8 660	5 580	5 880	3 740	4 210	2 710	*3 740	2 480	7.96
	0 (Ground)			*4 860	*4 860	8 890	5 340	5 710	3 600	4 140	2 650	3 930	2 520	7.77
	-1.5	*5 170	*5 170	*8 790	*8 790	8 810	5 260	5 640	3 530			4 300	2 740	7.27
	-3.0	*9 310	*9 310	*13 200	10 100	8 870	5 320	5 690	3 570			5 220	3 300	6.38
	-4.5			*10 580	10 440	*7 370	5 520					*6 610	4 910	4.90

ZX180LCN-7 MONOBLOCK BOOM

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

Conditions	Load point height m	Load radius 1.5 m		3.0 m		4.5 m		6.0 m		7.5 m		At max. reach		
														meter
Boom 5.50 m Arm 2.71 m Counterweight 3 370 kg	6.0							*4 480	3 790			*3 380	3 140	6.69
	4.5					*5 340	*5 340	*4 860	3 680			*3 340	2 580	7.45
	3.0					*7 020	5 300	*5 610	3 490	4 230	2 480	*3 460	2 300	7.86
	1.5					*8 660	4 890	5 780	3 300	4 140	2 390	*3 740	2 190	7.96
	0 (Ground)			*4 860	*4 860	8 740	4 650	5 610	3 160	4 060	2 320	3 860	2 210	7.77
	-1.5	*5 170	*5 170	*8 790	8 460	8 650	4 580	5 540	3 090			4 220	2 410	7.27
	-3.0	*9 310	*9 310	*13 200	8 610	8 710	4 630	5 590	3 130			5 120	2 900	6.38
	-4.5			*10 580	8 930	*7 370	4 830					* 6 610	4 310	4.90

ZX180LC-7 2-PIECE BOOM

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

Conditions	Load point height m	Load radius 1.5 m		3.0 m		4.5 m		6.0 m		7.5 m		At max. reach		
														meter
2-Piece Boom Arm 2.71 m Counterweight 3 370 kg	9.0											*4 990	*4 990	2.80
	7.5					*4 850	*4 850					*3 640	*3 640	5.29
	6.0					*5 170	*5 170	*4 560	4 270			*3 300	*3 300	6.59
	4.5			*6 570	*6 570	*6 290	*6 290	*5 000	4 310			*3 220	2 910	7.36
	3.0	*14 060	*14 060	*12 720	11 680	*7 590	6 450	*5 450	4 230	*4 140	2 780	*3 300	2 590	7.77
	1.5	*11 970	*11 970	*13 390	11 460	9 300	6 220	6 030	4 040	4 220	2 690	*3 540	2 460	7.88
	0 (Ground)	*11 530	*11 530	*14 650	11 240	9 270	6 020	5 960	3 780	4 130	2 590	3 970	2 490	7.69
	-1.5	*14 860	*14 860	*15 080	10 600	9 330	5 620	5 750	3 570			4 360	2 720	7.18
	-3.0	*17 200	*17 200	*14 900	10 340	9 020	5 360	*5 420	3 520			*4 480	3 320	6.28
	-4.5			*9 280	*9 280							*7 310	*7 310	3.56

ZX180LCN-7 2-PIECE BOOM

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

Conditions	Load point height m	Load radius 1.5 m		3.0 m		4.5 m		6.0 m		7.5 m		At max. reach		
														meter
2-Piece Boom Arm 2.71 m Counterweight 3 370 kg	9.0											*4 990	*4 990	2.80
	7.5					*4 850	*4 850					*3 640	*3 640	5.29
	6.0					*5 170	*5 170	*4 560	3 820			*3 300	3 170	6.59
	4.5			*6 570	*6 570	*6 290	6 020	*5 000	3 860			*3 220	2 570	7.36
	3.0	*14 060	*14 060	*12 720	10 420	*7 590	5 830	*5 450	3 780	*4 140	2 450	*3 300	2 270	7.77
	1.5	*11 970	*11 970	*13 390	10 110	9 180	5 770	*5 950	3 580	4 150	2 360	*3 540	2 150	7.88
	0 (Ground)	*11 530	*11 530	*14 650	9 660	9 160	5 290	5 870	3 330	4 050	2 260	3 900	2 170	7.69
	-1.5	*14 860	*14 860	*15 080	9 050	9 170	4 910	5 650	3 120			4 280	2 380	7.18
	-3.0	*17 200	*17 200	*14 900	8 800	8 870	4 660	*5 420	3 070			*4 480	2 900	6.28
	-4.5			*9 280	8 850							*7 310	6 730	3.56

EQUIPMENT

ENGINE	ZX160LC-7	ZX180LC-7 / ZX180LCN-7
Aftertreatment device	●	●
Air cleaner double filters	●	●
Alternator 80 A	●	●
Auto idle system	●	●
Auto shut-down control	●	●
Belt auto tensioner	●	●
Cartridge-type engine oil filter	●	●
Cartridge-type fuel main filtert	●	●
Cold fuel resistance valve	○	○
ConSite OIL (sensor)*	●	●
DEF/AdBlue® tank inlet strainer and extension filler	●	●
DEF/AdBlue® tank	●	●
Dry-type air filter with evacuator valve (with air filter restriction indicator)	●	●
Dust-proof indoor net	●	●
ECO/PWR mode control	●	●
Electrical fuel feed pump	●	●
Engine oil drain coupler	●	●
Expansion tank	●	●
Fan guard	●	●
Fuel cooler	●	●
Fuel pre-filter with water separator	●	●
Isolation-mounted engine	●	●
Maintenance free pre-cleaner	○	○
Oil separator	●	●
Radiator, oil cooler and intercooler	●	●

HYDRAULIC SYSTEM		
Auto power lift	●	●
ConSite OIL (sensor)*	●	●
Control valve with main relief valve	●	●
Extra port for control valve	●	●
High mesh full flow filter	●	●
Hose rupture valve for arm	●	●
Hose rupture valve for boom	●	●
Pilot filter	●	●
Power boost	●	●
Restriction indicator for full flow filter	○	○
Suction filter	●	●
Swing dampener valve	●	●
Variable reliefvalve for breaker and crusher	●	●
Work mode selector	●	●

CAB	ZX160LC-7	ZX180LC-7 / ZX180LCN-7
All-weather sound suppressed steel cab	●	●
Auto control air conditioner	●	●
AUX function lever (breaker assist)	○	○
Bluetooth® integrated DAB+radio	●	●
Cab with P5A glass and roof wiper	○	○
Console height adjustment	●	●
Control lever auto-lock	●	●
CRES VII (center pillar reinforced structure) cab	●	●
Drink holder with hot and cool function	●	●
Electric double horn	●	●
Engine shut-off switch	●	●
Equipped with reinforced, tinted (green color) glass windows	●	●
Evacuation hammer	●	●
Floor mat	●	●
Footrest	●	●
Front window washer (2 points)	●	●
Glove compartment	●	●
Hands-free calling device	●	●
Hot and cool box	●	●
Intermittent windshield wipers	●	●
Key cylinder light	●	●
Laminated round glass window	○	○
LED room light	●	●
Magazine rack	●	●
OPG front guard Level II (ISO 10262 : 1998) compliant	○	○
OPG top guard Level I (ISO 10262 : 1998) compliant	●	●
OPG top guard Level II (ISO 10262 : 1998) compliant	○	○
Pilot shut-off lever	●	●
Power outlet 12 V and 24 V	●	●
Push button low idle	●	●
Rain guard (without OPG front guard)	●	●
Rear tray	●	●
Retractable seat belt	●	●
ROPS (ISO12117-2 : 2008) compliant cab	●	●
Rubber radio antenna	●	●
Seat : air suspension seat with heater	●	●
Seat adjustment part : backrest, armrest, height and angle, slide forward / back	●	●
Seat belt reminder	●	●
Short wrist control levers	●	●
Smartphone holder	●	●
Sunscreen roller type (multi-use front or side and rear window)	○	○
Transparent roof with slide curtain	●	●
USB power supply	●	●
Wide view wiper	●	●
Windows on front, upper, lower and left side can be opened	●	●
2 speakers	●	●
4 fluid-filled elastic mounts	●	●
8 inch monitor	●	●

● : Standard equipment ○ : Optional equipment — : Not applicable

MONITOR SYSTEM	ZX160LC-7	ZX180LC-7 / ZX180LCN-7
Alarm buzzers: overheat, engine oil pressure, overload, SCR system trouble, etc	●	●
Alarms: overheat, engine warning, engine oil pressure, alternator, minimum fuel level,hydraulic filter restriction, air filter restriction, work mode, overload, SCR system trouble, etc	●	●
Display of meters: water temperature, hour, fuel rate, clock, DEF/AdBlue® rate, etc	●	●
Other displays: work mode, auto-idle, glow, rearview monitor, operating conditions,etc	●	●
35 languages selection	●	●

LIGHTS		
Additional boom LED light with cover	○	○
Additional cab roof front LED lights	○	○
Additional cab roof rear LED lights	○	○
LED lights for camera (side and rear view camera)	○	○
Rotating lamp	○	○
2 working LED lights	●	●

UPPER STRUCTURE		
Aerial Angle® (270-degree view camera system)	●	●
Batteries 2 x 93 Ah	●	●
Battery disconnect switch	●	●
Cab top handhold	●	●
Counterweight 3 050 kg	●	–
Counterweight 3 370 kg	–	●
Electric fuel refilling pump with auto stop and filter	●	●
Fuel level float	●	●
Hydraulic oil level gauge	●	●
Lockable fuel refilling cap	●	●
Lockable machine covers	●	●
Lockable tool box	●	●
Platform handrail	●	●
Side view mirror (right and left)	●	●
Skid-resistant plates	●	●
Swing parking brake	●	●
Undercover	●	●
Utility space	●	●

UNDERCARRIAGE	ZX160LC-7	ZX180LC-7 / ZX180LCN-7
Bolt-on sprocket	●	●
Greasing type track adjuster	●	●
Reinforced track links with pin seals	●	●
Shoe: 500 mm triple grouser	●	– / ●
Shoe: 600 mm triple grouser	–	● / –
Towing hole for light weight object	●	●
Track undercover	●	●
Travel direction mark on track frame	●	●
Travel motor covers	●	●
Travel parking brake	●	●
Upper and lower rollers	●	●
1 track guard (each side)	●	●
2 track guards (each side)	–	○
4 tie down brackets	●	●

FRONT ATTACHMENTS		
Arm tip remote lubrication	●	●
Casted bucket link A	●	●
Centralized lubrication system	●	●
Dirt seal on all bucket pins	●	●
Flanged pin	●	●
HN bushing	●	●
Lower arm reinforcement	○	○
Reinforced resin thrust plate	●	●
WC (tungsten-carbide) thermal spraying	●	●
Welded bucket link A with welded hook	○	○

ATTACHMENTS		
Accessories for 2 speed selector	○	○
Additional pump (30 L/min)	○	○
Assist piping	○	○
Breaker and crusher piping	●	●
Pilot accumulator	●	●

MISCELLANEOUS		
ConSite	○	○
Global e-Service	●	●
Onboard information controller	●	●
Standard tool kit	●	●

Standard and optional equipment may vary by country, so please consult your Hitachi dealer for details.
*Engine oil and hydraulic oil monitoring sensor.

Prior to operating this machine, including satellite communication system, in a country other than a country of its intended use, it may be necessary to make modifications to it 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 color and features.
Before use, read and understand the Operator's Manual for proper operation.

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