

SPECIFICATIONS

ENGINE

Model	Isuzu AR-4JJ1X
Type	4-cycle water-cooled, common rail direct injection
Aspiration	Variable geometry turbocharged, intercooled, cooled EGR
Aftertreatment	DOC and SCR system
No. of cylinders	4
Rated power	
ISO 14396	78.5 kW at 2 000 min ⁻¹
ISO 9249, net	74.9 kW at 2 000 min ⁻¹
SAE J1349, net	74.9 kW at 2 000 min ⁻¹
Maximum torque	375 Nm at 1 800 min ⁻¹
Piston displacement	2.999 L
Bore and stroke	95.4 mm x 104.9 mm
Batteries	2 x 12 V / 58 Ah

HYDRAULIC SYSTEM

Hydraulic Pumps

Main pumps	2 variable displacement axial piston pumps
Maximum oil flow	2 x 117 L/min
Pilot pump	1 gear pump
Maximum oil flow	33.6 L/min

Hydraulic Motors

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

Relief Valve Settings

Implement circuit	34.3 MPa
Swing circuit	32.3 MPa
Travel circuit	34.3 MPa
Pilot circuit	3.9 MPa
Power boost	36.3 MPa

Hydraulic Cylinders

	Quantity	Bore	Rod diameter
Boom	2	105 mm	70 mm
Arm	1	115 mm	80 mm
Bucket	1	100 mm	70 mm
Positioning *	1	140 mm	95 mm

* : 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.

Swing speed	13.3 min ⁻¹
Swing torque	34 kNm

Operator's Cab

Independent spacious cab, 1 005 mm wide by 1 675 mm high, conforming to ISO* Standards.

* International Organization for Standardization

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

Upper rollers	1 : ZAXIS 130
	2 : ZAXIS 130LCN
Lower rollers	7
Track shoes	44 : ZAXIS 130
	46 : ZAXIS 130LCN
Track guard	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 5.5 km/h
	Low : 0 to 3.3 km/h

Maximum traction force	117 kN
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Gradeability

70% (35 degree) continuous

SOUND LEVEL

Sound level in cab according to ISO 6396 LpA 69 dB(A)
 External sound level according to ISO 6395 and
 EU Directive 2000/14/EC LwA 98 dB(A)

SERVICE REFILL CAPACITIES

Fuel tank	285.0 L
Engine coolant	21.0 L
Engine oil	17.0 L
Swing device	3.2 L
Travel device (each side)	4.2 L
Hydraulic system	185.0 L
Hydraulic oil tank	69.0 L
DEF/AdBlue® tank	35.0 L

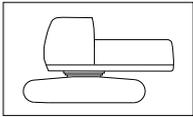
WEIGHTS AND GROUND PRESSURE

Operating Weight and Ground Pressure

			ZAXIS 130				ZAXIS 130 with blade (optional)				ZAXIS 130LCN			
Boom type			Monoblock		2-Piece		Monoblock		2-Piece		Monoblock		2-Piece	
Shoe type	Shoe width	Arm length	kg	kPa	kg	kPa	kg	kPa	kg	kPa	kg	kPa	kg	kPa
Triple grouser	500 mm	2.10 m	13 400	42	13 800	43	14 600	46	14 900	47	13 600	40	14 000	41
		2.52 m	13 500	42	13 900	43	14 600	46	15 000	47	13 600	40	14 000	41
		3.01 m	13 600	43	13 900	43	14 700	46	15 100	47	13 700	41	14 100	42
	600 mm	2.10 m	13 700	36	14 000	36	14 800	38	15 200	40	13 800	34	14 200	35
		2.52 m	13 700	36	14 100	37	14 800	38	15 200	40	13 900	34	14 200	35
		3.01 m	13 800	36	14 200	37	14 900	39	15 300	40	13 900	34	14 300	35
	700 mm	2.10 m	13 800	31	14 200	31	14 900	33	15 300	34	14 000	29	14 400	30
		2.52 m	13 900	31	14 300	32	15 000	33	15 400	34	14 100	30	14 500	30
		3.01 m	14 000	31	14 400	32	15 100	34	15 500	34	14 200	30	14 500	30
	800 mm	2.10 m	14 000	27	14 400	28	15 200	29	15 500	30	14 200	26	14 600	27
		2.52 m	14 100	27	14 500	28	15 200	29	15 600	30	14 300	26	14 700	27
		3.01 m	14 200	27	14 600	28	15 300	30	15 700	30	14 400	26	14 800	27
Pad	500 mm	2.10 m	13 300	41	13 700	42	14 400	45	14 800	46	13 400	39	13 800	41
		2.52 m	13 400	41	13 800	43	14 500	45	14 900	46	13 500	40	13 900	41
		3.01 m	13 400	41	13 800	43	14 500	45	14 900	46	13 600	40	14 000	41

Including 0.50 m³ (ISO heaped) bucket weight (410 kg) and counterweight (2 950 kg).

Basic Machine Weight and Overall Width



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

		ZAXIS 130		ZAXIS 130 with blade (optional)		ZAXIS 130LCN	
Shoe type	Shoe width	Weight	Overall width	Weight	Overall width	Weight	Overall width
Triple grouser	500 mm	10 700 kg	2 490 mm	11 800 kg	2 490 mm	10 900 kg	2 490 mm
	600 mm	11 000 kg	2 590 mm	12 100 kg	2 590 mm	11 100 kg	2 590 mm
	700 mm	11 200 kg	2 690 mm	12 300 kg	2 690 mm	11 300 kg	2 690 mm
	800 mm	11 400 kg	2 790 mm	12 500 kg	2 790 mm	11 600 kg	2 790 mm
Pad	500 mm	10 600 kg	2 490 mm	11 700 kg	2 490 mm	10 800 kg	2 490 mm

Components Weight

	Weight
Counterweight	2 950 kg
Monoblock boom (with arm cylinder and boom cylinder)	1 220 kg
2-Piece boom (with arm cylinder and boom cylinder)	1 600 kg
Arm 2.10 m (with bucket cylinder)	550 kg
Arm 2.52 m (with bucket cylinder)	600 kg
Arm 3.01 m (with bucket cylinder)	670 kg
Bucket 0.50 m ³	410 kg

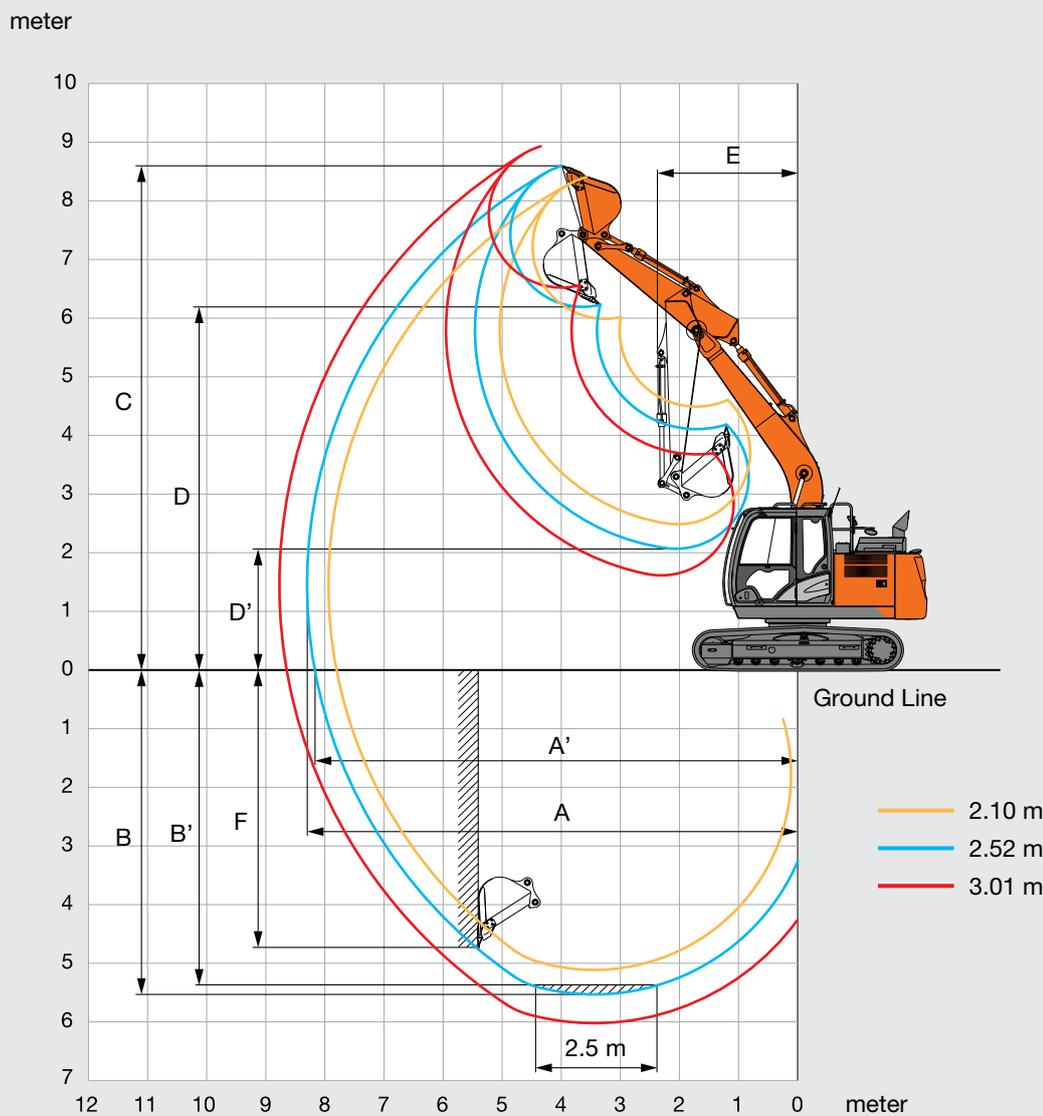
BUCKET AND ARM DIGGING FORCE

Arm length	ZAXIS 130 / ZAXIS 130LCN		
	2.10 m	2.52 m	3.01 m
Bucket digging force* ISO	104 kN		
Bucket digging force* SAE : PCSA	91 kN		
Arm crowd force* ISO	77 kN	69 kN	61 kN
Arm crowd force* SAE : PCSA	74 kN	67 kN	60 kN

* At power boost

SPECIFICATIONS

WORKING RANGES: MONOBLOCK BOOM

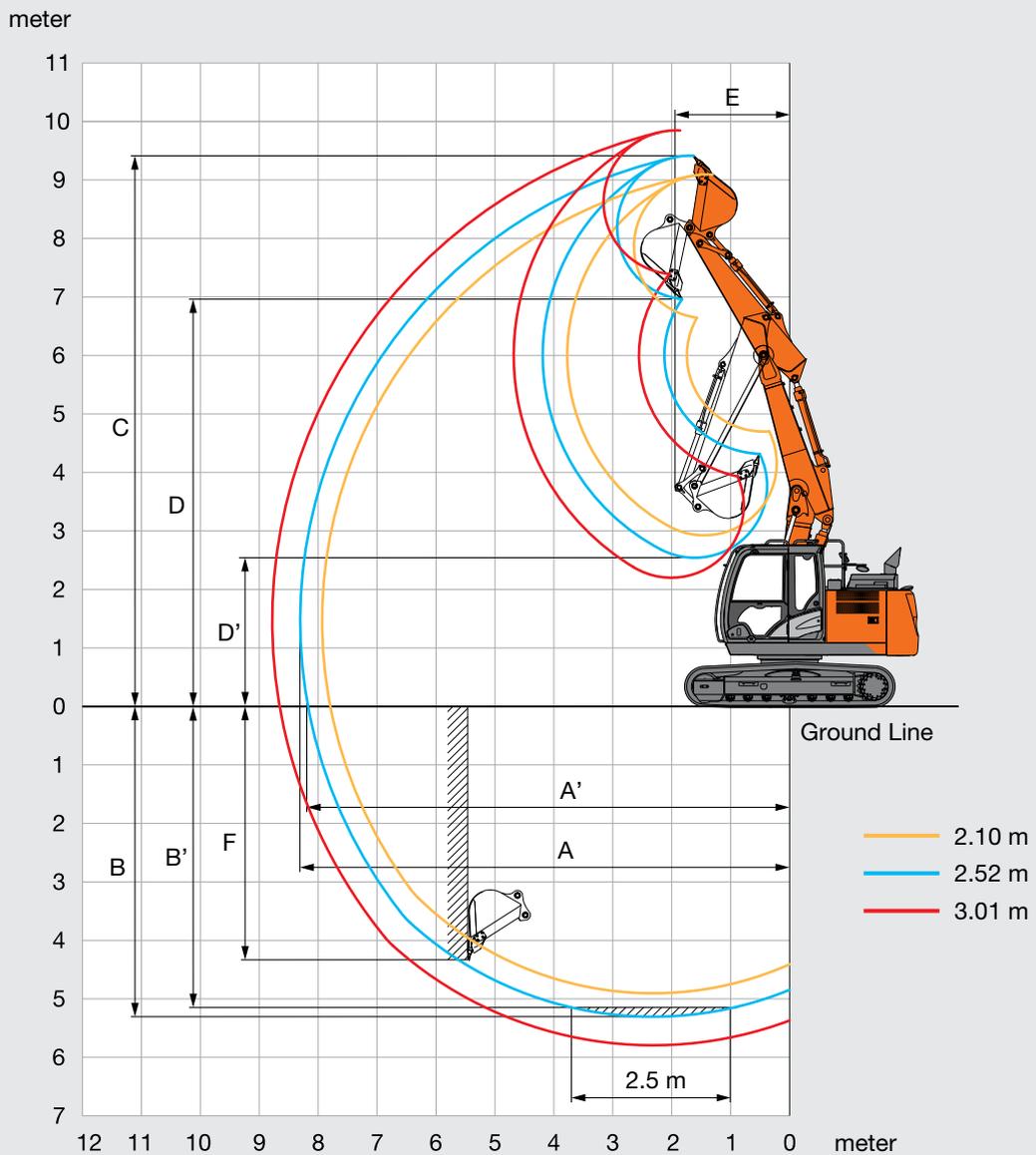


Unit: mm

	ZAXIS 130 / ZAXIS 130LCN		
	Monoblock boom		
Arm length	2.10 m	2.52 m	3.01 m
A Max. digging reach	7 940	8 300	8 770
A' Max. digging reach (on ground)	7 800	8 170	8 650
B Max. digging depth	5 120	5 540	6 030
B' Max. digging depth for 2.5 m level	4 870	5 310	5 840
C Max. cutting height	8 400	8 600	8 930
D Max. dumping height	5 990	6 190	6 520
D' Min. dumping height	2 490	2 070	1 610
E Min. swing radius	2 350	2 400	2 620
F Max. vertical wall digging depth	4 450	4 750	5 220

Excluding track shoe lug

WORKING RANGES: 2-PIECE BOOM



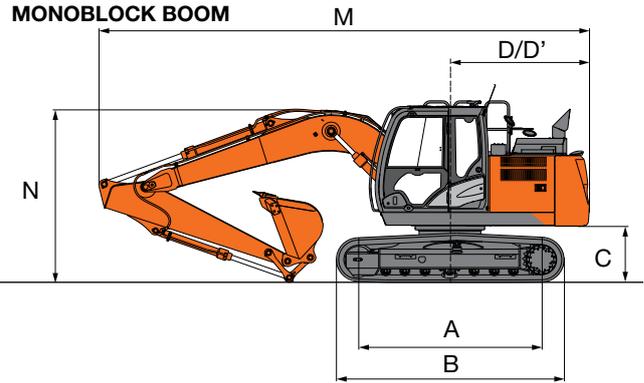
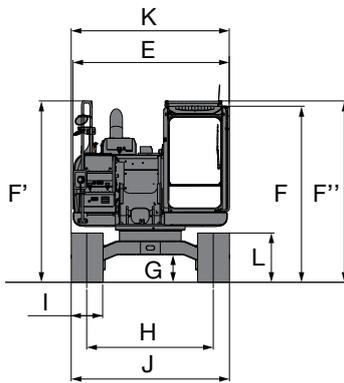
Unit: mm

	ZAXIS 130 / ZAXIS 130LCN		
	2-Piece boom		
Arm length	2.10 m	2.52 m	3.01 m
A Max. digging reach	7 930	8 300	8 780
A' Max. digging reach (on ground)	7 800	8 180	8 660
B Max. digging depth	4 910	5 310	5 800
B' Max. digging depth for 2.5 m level	4 770	5 180	5 680
C Max. cutting height	9 100	9 420	9 850
D Max. dumping height	6 640	6 960	7 390
D' Min. dumping height	2 920	2 540	2 200
E Min. swing radius	1 780	1 850	2 030
F Max. vertical wall digging depth	3 980	4 330	4 810

Excluding track shoe lug

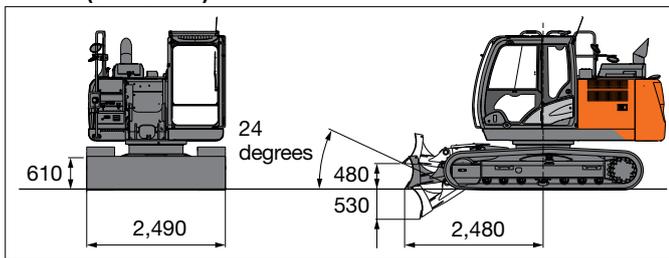
SPECIFICATIONS

DIMENSIONS

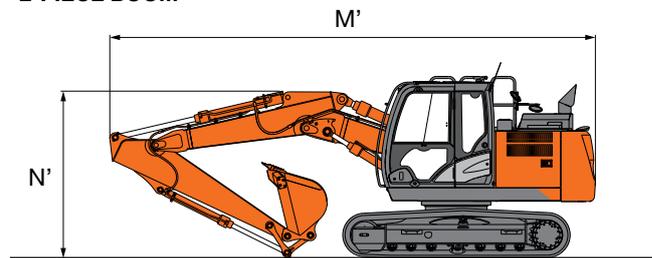


BLADE (OPTIONAL)

Unit: mm



2-PIECE BOOM



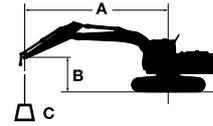
Unit: mm

	ZAXIS 130	ZAXIS 130LCN
A Distance between tumblers	2 880	3 050
B Undercarriage length	3 580	3 750
* C Counterweight clearance	840	840
D Rear-end swing radius	2 190	2 190
D' Rear-end length	2 190	2 190
E Overall width of upperstructure	2 460	2 460
F Overall height of cab	2 790	2 790
F' Overall height of handrail	2 870	2 870
F'' Overall height of handrail (on cab)	2 870	2 870
* G Min. ground clearance	410	410
H Track gauge	1 990	1 990
I Track shoe width	G 500	G 500
J Undercarriage width	2 490	2 490
K Overall width	2 490	2 490
*1 L Track height with triple grouser shoes	780	780
MONOBLOCK BOOM		
M Overall length		
With arm 2.10 m	7 700	7 700
With arm 2.52 m	7 700	7 700
With arm 3.01 m	7 710	7 710
N Overall height of boom		
With arm 2.10 m	2 630	2 630
With arm 2.52 m	2 750	2 750
*2 With arm 3.01 m	2 740	2 740
2-PIECE BOOM		
M' Overall length		
With arm 2.10 m	7 650	7 650
With arm 2.52 m	7 640	7 640
With arm 3.01 m	7 650	7 650
N' Overall height of boom		
With arm 2.10 m	2 490	2 490
With arm 2.52 m	2 640	2 640
*2 With arm 3.01 m	2 700	2 700

*1 Excluding track shoe lug *2 The dimensions asterisked are for transport pin position. G: Triple grouser shoe

LIFTING CAPACITIES

- Notes: 1. Ratings are based on ISO 10567.
 2. Lifting 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: Lifting capacity

For lifting capacities, subtract bucket and quick hitch weight from lifting capacities.

ZAXIS 130 MONOBLOCK BOOM

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

Conditions	Load point height m	Load radius										At max. reach		
		1.5 m		3.0 m		4.5 m		6.0 m		7.5 m				meter
Boom 4.60 m Arm 2.10 m Counterweight 2 950 kg Shoe 500 mm	4.5					*3 990	*3 990					*2 790	2 620	5.96
	3.0			*6 780	*6 780	*4 750	3 900	3 620	2 550			*2 760	2 240	6.52
	1.5					5 410	3 690	3 530	2 470			*2 900	2 110	6.71
	0 (Ground)			*5 620	*5 620	5 260	3 550	3 460	2 410			3 070	2 150	6.54
	-1.5	*4 890	*4 890	*8 890	6 410	5 220	3 520	3 460	2 410			3 460	2 410	6.00
	-3.0			*7 280	6 530	*4 950	3 590					*4 220	3 170	4.95
Boom 4.60 m Arm 2.52 m Counterweight 2 950 kg Shoe 500 mm	4.5					*3 590	*3 590	*3 360	2 620			*2 320	*2 320	6.36
	3.0			*5 930	*5 930	*4 390	3 930	3 630	2 560			*2 310	2 060	6.90
	1.5			*8 090	6 660	*5 380	3 700	3 530	2 470			*2 440	1 950	7.07
	0 (Ground)			*6 520	6 360	5 250	3 540	3 440	2 390			*2 730	1 970	6.92
	-1.5	*4 660	*4 660	*9 200	6 330	5 180	3 480	3 410	2 360			3 130	2 180	6.40
	-3.0	*8 560	*8 560	*7 890	6 430	5 220	3 510					3 980	2 740	5.44
Boom 4.60 m Arm 3.01 m Counterweight 2 950 kg Shoe 500 mm	6.0											*2 140	*2 140	5.97
	4.5					*3 110	*3 110	*3 170	2 650			*2 000	*2 000	6.88
	3.0			*4 920	*4 920	*3 930	*3 930	*3 480	2 580			*1 990	1 850	7.38
	1.5			*7 740	6 800	*4 990	3 730	3 530	2 470	*2 260	1 770	*2 090	1 750	7.54
	0 (Ground)			*7 120	6 360	5 240	3 530	3 420	2 370			*2 300	1 770	7.39
	-1.5	*4 120	*4 120	*8 910	6 240	5 130	3 430	3 370	2 320			*2 730	1 920	6.92
	-3.0	*7 180	*7 180	*8 440	6 300	5 140	3 430	3 400	2 350			3 370	2 330	6.04
-4.5			*6 120	*6 120	*3 780	3 590					*3 770	3 580	4.50	

ZAXIS 130 BLADE (ABOVE GROUND) MONOBLOCK BOOM

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

Conditions	Load point height m	Load radius										At max. reach		
		1.5 m		3.0 m		4.5 m		6.0 m		7.5 m				meter
Boom 4.60 m Arm 2.10 m Counterweight 2 950 kg Shoe 500 mm	4.5					*3 990	*3 990					*2 790	*2 790	5.96
	3.0			*6 780	*6 780	*4 750	4 150	3 570	2 730			*2 760	2 410	6.52
	1.5					5 340	3 950	3 480	2 650			*2 900	2 270	6.71
	0 (Ground)			*5 620	*5 620	5 190	3 810	3 420	2 590			3 030	2 310	6.54
	-1.5	*4 890	*4 890	*8 890	6 870	5 150	3 780	3 420	2 590			3 420	2 590	6.00
	-3.0			*7 280	6 990	*4 950	3 850					*4 220	3 400	4.95
Boom 4.60 m Arm 2.52 m Counterweight 2 950 kg Shoe 500 mm	4.5					*3 590	*3 590	*3 360	2 800			*2 320	*2 320	6.36
	3.0			*5 930	*5 930	*4 390	4 190	3 580	2 740			*2 310	2 220	6.90
	1.5			*8 090	7 120	5 360	3 960	3 480	2 650			*2 440	2 090	7.07
	0 (Ground)			*6 520	*6 520	5 180	3 800	3 400	2 570			*2 730	2 130	6.92
	-1.5	*4 660	*4 660	*9 200	6 790	5 110	3 730	3 370	2 540			3 090	2 340	6.40
	-3.0	*8 560	*8 560	*7 890	6 890	5 150	3 770					3 930	2 950	5.44
Boom 4.60 m Arm 3.01 m Counterweight 2 950 kg Shoe 500 mm	6.0											*2 140	*2 140	5.97
	4.5					*3 110	*3 110	*3 170	2 830			*2 000	*2 000	6.88
	3.0			*4 920	*4 920	*3 930	*3 930	*3 480	2 760			*1 990	*1 990	7.38
	1.5			*7 740	7 260	*4 990	3 990	3 480	2 650	*2 260	1 910	*2 090	1 890	7.54
	0 (Ground)			*7 120	6 820	5 170	3 790	3 380	2 550			*2 300	1 910	7.39
	-1.5	*4 120	*4 120	*8 910	6 700	5 060	3 690	3 320	2 500			*2 730	2 080	6.92
	-3.0	*7 180	*7 180	*8 440	6 760	5 070	3 690	3 350	2 530			3 330	2 510	6.04
-4.5			*6 120	*6 120	*3 780	*3 780					*3 770	*3 770	4.50	

LIFTING CAPACITIES

ZAXIS 130 BLADE (ON GROUND) MONOBLOCK BOOM

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

Conditions	Load point height m	Load radius										At max. reach		
		1.5 m		3.0 m		4.5 m		6.0 m		7.5 m				meter
Boom 4.60 m Arm 2.10 m Counterweight 2 950 kg Shoe 500 mm	4.5					*3 990	*3 990					*2 790	*2 790	5.96
	3.0			*6 780	*6 780	*4 750	4 150	*4 030	2 730			*2 760	2 410	6.52
	1.5					*5 660	3 950	*4 370	2 650			*2 900	2 270	6.71
	0 (Ground)			*5 620	*5 620	*6 180	3 810	*4 570	2 590			*3 260	2 310	6.54
	-1.5	*4 890	*4 890	*8 890	6 870	*6 050	3 780	*4 030	2 590			*4 020	2 590	6.00
	-3.0			*7 280	6 990	*4 950	3 850					*4 220	3 400	4.95
Boom 4.60 m Arm 2.52 m Counterweight 2 950 kg Shoe 500 mm	4.5					*3 590	*3 590	*3 360	2 800			*2 320	*2 320	6.36
	3.0			*5 930	*5 930	*4 390	4 190	*3 790	2 740			*2 310	2 220	6.90
	1.5			*8 090	7 120	*5 380	3 960	*4 190	2 650			*2 440	2 090	7.07
	0 (Ground)			*6 520	*6 520	*6 050	3 800	*4 490	2 570			*2 730	2 130	6.92
	-1.5	*4 660	*4 660	*9 200	6 790	*6 110	3 730	*4 420	2 540			*3 320	2 340	6.40
	-3.0	*8 560	*8 560	*7 890	6 890	*5 360	3 770					*4 100	2 950	5.44
Boom 4.60 m Arm 3.01 m Counterweight 2 950 kg Shoe 500 mm	6.0											*2 140	*2 140	5.97
	4.5					*3 110	*3 110	*3 170	2 830			*2 000	*2 000	6.88
	3.0			*4 920	*4 920	*3 930	*3 930	*3 480	2 760			*1 990	*1 990	7.38
	1.5			*7 740	7 260	*4 990	3 990	*3 950	2 650	*2 260	1 910	*2 090	1 890	7.54
	0 (Ground)			*7 120	6 820	*5 820	3 790	*4 350	2 550			*2 300	1 910	7.39
	-1.5	*4 120	*4 120	*8 910	6 700	*6 100	3 690	*4 450	2 500			*2 730	2 080	6.92
	-3.0	*7 180	*7 180	*8 440	6 760	*5 660	3 690	*3 880	2 530			*3 650	2 510	6.04
	-4.5			*6 120	*6 120	*3 780	*3 780					*3 770	*3 770	4.50

ZAXIS 130 2-PIECE BOOM

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

Conditions	Load point height m	Load radius										At max. reach		
		1.5 m		3.0 m		4.5 m		6.0 m		7.5 m				meter
2-Piece Boom Arm 2.10 m Counterweight 2 950 kg Shoe 500 mm	7.5											*4 570	*4 570	2.64
	6.0			*4 820	*4 820	*4 220	4 140					*3 140	*3 140	4.86
	4.5			*5 130	*5 130	*4 320	*4 190					*2 810	2 600	5.95
	3.0	*10 670	*10 670	*8 170	*7 420	*4 850	4 100	3 660	2 580			*2 750	2 210	6.52
	1.5	*8 820	*8 820	*9 230	7 180	*5 540	4 060	3 590	2 510			*2 850	2 070	6.70
	0 (Ground)	*9 070	*9 070	*9 520	7 000	5 610	3 820	3 500	2 410			3 060	2 110	6.54
	-1.5	*13 550	*13 550	*9 670	6 690	5 360	3 610					*3 190	2 380	5.99
	-3.0	*17 140	*17 140	*7 980	6 580	*3 770	3 560					*3 230	*3 230	4.68
2-Piece Boom Arm 2.52 m Counterweight 2 950 kg Shoe 500 mm	7.5			*4 190	*4 190							*3 320	*3 320	3.50
	6.0			*3 870	*3 870	*3 870	*3 870					*2 550	*2 550	5.37
	4.5			*3 930	*3 930	*4 070	*4 070	*3 260	2 640			*2 330	*2 330	6.37
	3.0	*10 660	*10 660	*7 070	*7 070	*4 550	4 110	*3 470	2 630			*2 300	2 030	6.90
	1.5	*10 710	*10 710	*9 240	*7 210	*5 470	*4 040	3 610	2 560			*2 400	1 910	7.07
	0 (Ground)	*9 290	*9 290	*9 450	7 100	5 450	3 860	3 520	2 440			*2 650	1 930	6.92
	-1.5	*12 120	*12 120	*9 550	6 710	5 390	3 630	3 420	2 340			3 110	2 140	6.41
	-3.0	*15 390	*15 390	*8 930	6 550	*4 970	3 510					*2 740	*2 740	5.36
2-Piece Boom Arm 3.01 m Counterweight 2 950 kg Shoe 500 mm	7.5											*2 660	*2 660	4.40
	6.0					*3 330	*3 330					*2 180	*2 180	5.98
	4.5					*3 490	*3 490	*3 120	2 710			*2 010	*2 010	6.89
	3.0			*4 570	*4 570	*4 220	4 110	*3 260	2 700			*1 980	1 820	7.38
	1.5	*11 280	*11 280	*8 880	7 230	*5 040	3 980	*3 560	2 610	*2 280	1 740	*2 060	1 720	7.55
	0 (Ground)	*10 080	*10 080	*9 350	6 990	5 420	3 910	3 530	2 470			*2 240	1 730	7.40
	-1.5	*11 160	*11 160	*9 420	6 740	5 460	3 680	3 430	2 340			*2 620	1 880	6.93
	-3.0	*14 210	*14 210	*9 500	6 560	5 240	3 490	*2 620	2 310			*2 470	2 290	6.05
-4.5	*11 820	*11 820	*5 390	*5 390							*5 030	*5 030	3.13	

ZAXIS 130 BLADE (ABOVE GROUND) 2-PIECE BOOM

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

Conditions	Load point height m	Load radius										At max. reach		
		1.5 m		3.0 m		4.5 m		6.0 m		7.5 m				meter
2-Piece Boom Arm 2.10 m Counterweight 2 950 kg Shoe 500 mm	7.5											*4 570	*4 570	2.64
	6.0			*4 820	*4 820	*4 220	*4 220					*3 140	*3 140	4.86
	4.5			*5 130	*5 130	*4 320	*4 320					*2 810	2 780	5.95
	3.0	*10 670	*10 670	*8 170	*7 790	*4 850	4 320	3 620	2 760			*2 750	2 380	6.52
	1.5	*8 820	*8 820	*9 230	7 590	5 480	4 320	3 550	2 690			*2 850	2 230	6.70
	0 (Ground)	*9 070	*9 070	*9 520	7 460	5 540	4 080	3 450	2 590			3 020	2 280	6.54
	-1.5	*13 550	*13 550	*9 670	7 150	5 300	3 870					*3 190	2 560	5.99
	-3.0	*17 140	*17 140	*7 980	7 040	*3 770	*3 770					*3 230	*3 230	4.68
2-Piece Boom Arm 2.52 m Counterweight 2 950 kg Shoe 500 mm	7.5			*4 190	*4 190							*3 320	*3 320	3.50
	6.0			*3 870	*3 870	*3 870	*3 870					*2 550	*2 550	5.37
	4.5			*3 930	*3 930	*4 070	*4 070	*3 260	2 810			*2 330	*2 330	6.37
	3.0	*10 660	*10 660	*7 070	*7 070	*4 550	4 330	*3 470	2 810			*2 300	2 180	6.90
	1.5	*10 710	*10 710	*9 240	7 610	5 440	*4 200	3 570	2 730			*2 400	2 050	7.07
	0 (Ground)	*9 290	*9 290	*9 450	7 560	5 380	4 120	3 470	2 620			*2 650	2 080	6.92
	-1.5	*12 120	*12 120	*9 550	7 160	5 330	3 890	3 380	2 520			3 070	2 300	6.41
	-3.0	*15 390	*15 390	*8 930	7 010	*4 970	3 770					*2 740	*2 740	5.36
2-Piece Boom Arm 3.01 m Counterweight 2 950 kg Shoe 500 mm	7.5											*2 660	*2 660	4.40
	6.0					*3 330	*3 330					*2 180	*2 180	5.98
	4.5					*3 490	*3 490	*3 120	*2 880			*2 010	*2 010	6.89
	3.0			*4 570	*4 570	*4 220	*4 220	*3 260	2 870			*1 980	1 960	7.38
	1.5	*11 280	*11 280	*8 880	7 600	*5 040	*4 200	3 540	2 780	*2 280	1 870	*2 060	1 850	7.55
	0 (Ground)	*10 080	*10 080	*9 350	7 410	5 360	4 170	3 490	2 650			*2 240	1 870	7.40
	-1.5	*11 160	*11 160	*9 420	7 200	5 390	3 940	3 380	2 520			*2 620	2 040	6.93
	-3.0	*14 210	*14 210	*9 500	7 020	5 170	3 750	*2 620	2 490			*2 470	*2 470	6.05
-4.5	*11 820	*11 820	*5 390	*5 390							*5 030	*5 030	3.13	

ZAXIS 130 BLADE (ON GROUND) 2-PIECE BOOM

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

Conditions	Load point height m	Load radius										At max. reach		
		1.5 m		3.0 m		4.5 m		6.0 m		7.5 m				meter
2-Piece Boom Arm 2.10 m Counterweight 2 950 kg Shoe 500 mm	7.5											*4 570	*4 570	2.64
	6.0			*4 820	*4 820	*4 220	*4 220					*3 140	*3 140	4.86
	4.5			*5 130	*5 130	*4 320	*4 320					*2 810	2 780	5.95
	3.0	*10 670	*10 670	*8 170	*7 790	*4 850	4 320	*3 680	2 760			*2 750	2 380	6.52
	1.5	*8 820	*8 820	*9 230	7 590	*5 830	4 320	*3 960	2 690			*2 850	2 230	6.70
	0 (Ground)	*9 070	*9 070	*9 520	7 460	*6 140	4 080	*4 330	2 590			*3 160	2 280	6.54
	-1.5	*13 550	*13 550	*9 670	7 150	*6 170	3 870					*3 190	2 560	5.99
	-3.0	*17 140	*17 140	*7 980	7 040	*3 770	*3 770					*3 230	*3 230	4.68
2-Piece Boom Arm 2.52 m Counterweight 2 950 kg Shoe 500 mm	7.5			*4 190	*4 190							*3 320	*3 320	3.50
	6.0			*3 870	*3 870	*3 870	*3 870					*2 550	*2 550	5.37
	4.5			*3 930	*3 930	*4 070	*4 070	*3 260	2 810			*2 330	*2 330	6.37
	3.0	*10 660	*10 660	*7 070	*7 070	*4 550	4 330	*3 470	2 810			*2 300	2 180	6.90
	1.5	*10 710	*10 710	*9 240	7 610	*5 470	*4 200	*3 770	2 730			*2 400	2 050	7.07
	0 (Ground)	*9 290	*9 290	*9 450	7 560	*6 090	4 120	*4 150	2 620			*2 650	2 080	6.92
	-1.5	*12 120	*12 120	*9 550	7 160	*6 150	3 890	*4 030	2 520			*3 140	2 300	6.41
	-3.0	*15 390	*15 390	*8 930	7 010	*4 970	3 770					*2 740	*2 740	5.36
2-Piece Boom Arm 3.01 m Counterweight 2 950 kg Shoe 500 mm	7.5											*2 660	*2 660	4.40
	6.0					*3 330	*3 330					*2 180	*2 180	5.98
	4.5					*3 490	*3 490	*3 120	*2 880			*2 010	*2 010	6.89
	3.0			*4 570	*4 570	*4 220	*4 220	*3 260	2 870			*1 980	1 960	7.38
	1.5	*11 280	*11 280	*8 880	7 600	*5 040	*4 200	*3 560	2 780	*2 280	1 870	*2 060	1 850	7.55
	0 (Ground)	*10 080	*10 080	*9 350	7 410	*6 040	4 170	*3 940	2 650			*2 240	1 870	7.40
	-1.5	*11 160	*11 160	*9 420	7 200	*6 050	3 940	*4 310	2 520			*2 620	2 040	6.93
	-3.0	*14 210	*14 210	*9 500	7 020	*5 730	3 750	*2 620	2 490			*2 470	*2 470	6.05
-4.5	*11 820	*11 820	*5 390	*5 390							*5 030	*5 030	3.13	

LIFTING CAPACITIES

ZAXIS 130LCN MONOBLOCK BOOM

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

Conditions	Load point height m	Load radius										At max. reach		meter
		1.5 m		3.0 m		4.5 m		6.0 m		7.5 m				
														
Boom 4.60 m Arm 2.10 m Counterweight 2 950 kg Shoe 500 mm	4.5					*3 990	*3 990					*2 790	2 650	5.96
	3.0			*6 780	*6 780	*4 750	3 930	3 910	2 580			*2 760	2 270	6.52
	1.5					*5 660	3 720	3 820	2 500			*2 900	2 130	6.71
	0 (Ground)			*5 620	*5 620	5 750	3 590	3 760	2 440			*3 260	2 170	6.54
	-1.5	*4 890	*4 890	*8 890	6 470	5 710	3 550	3 760	2 440			*3 760	2 440	6.00
	-3.0			*7 280	6 600	*4 950	3 620					*4 220	3 200	4.95
Boom 4.60 m Arm 2.52 m Counterweight 2 950 kg Shoe 500 mm	4.5					*3 590	*3 590	*3 360	2 650			*2 320	*2 320	6.36
	3.0			*5 930	*5 930	*4 390	3 970	*3 790	2 590			*2 310	2 080	6.90
	1.5			*8 090	6 720	*5 380	3 740	3 820	2 490			*2 440	1 970	7.07
	0 (Ground)			*6 520	6 430	5 740	3 570	3 740	2 420			*2 730	1 990	6.92
	-1.5	*4 660	*4 660	*9 200	6 390	5 670	3 510	3 710	2 390			*3 320	2 200	6.40
	-3.0	*8 560	*8 560	*7 890	6 490	*5 360	3 550					*4 100	2 770	5.44
Boom 4.60 m Arm 3.01 m Counterweight 2 950 kg Shoe 500 mm	6.0											*2 140	*2 140	5.97
	4.5					*3 110	*3 110	*3 170	2 680			*2 000	*2 000	6.88
	3.0			*4 920	*4 920	*3 930	*3 930	*3 480	2 600			*1 990	1 870	7.38
	1.5			*7 740	6 860	*4 990	3 770	3 830	2 490	*2 260	1 790	*2 090	1 770	7.54
	0 (Ground)			*7 120	6 420	5 730	3 560	3 720	2 390			*2 300	1 790	7.39
	-1.5	*4 120	*4 120	*8 910	6 310	5 620	3 460	3 660	2 340			*2 730	1 940	6.92
	-3.0	*7 180	*7 180	*8 440	6 360	5 630	3 470	3 690	2 370			*3 650	2 350	6.04
-4.5			*6 120	*6 120	*3 780	3 620					*3 770	3 620	4.50	

ZAXIS 130LCN 2-PIECE BOOM

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

Conditions	Load point height m	Load radius										At max. reach		meter
		1.5 m		3.0 m		4.5 m		6.0 m		7.5 m				
														
2-Piece Boom Arm 2.10 m Counterweight 2 950 kg Shoe 500 mm	7.5											*4 570	*4 570	2.64
	6.0			*4 820	*4 820	*4 220	4 180					*3 140	*3 140	4.86
	4.5			*5 130	*5 130	*4 320	4 220					*2 810	2 630	5.95
	3.0	*10 670	*10 670	*8 170	7 460	*4 850	4 130	*3 680	2 600			*2 750	2 230	6.52
	1.5	*8 820	*8 820	*9 230	7 240	*5 830	4 100	3 890	2 530			*2 850	2 100	6.70
	0 (Ground)	*9 070	*9 070	*9 520	7 060	*5 930	3 860	3 790	2 440			*3 160	2 140	6.54
	-1.5	*13 550	*13 550	*9 670	6 750	5 870	3 640					*3 190	2 400	5.99
	-3.0	*17 140	*17 140	*7 980	6 650	*3 770	3 600					*3 230	*3 230	4.68
2-Piece Boom Arm 2.52 m Counterweight 2 950 kg Shoe 500 mm	7.5			*4 190	*4 190							*3 320	*3 320	3.50
	6.0			*3 870	*3 870	*3 870	*3 870					*2 550	*2 550	5.37
	4.5			*3 930	*3 930	*4 070	*4 070	*3 260	2 660			*2 330	*2 330	6.37
	3.0	*10 660	*10 660	*7 070	*7 070	*4 550	4 140	*3 470	2 660			*2 300	2 050	6.90
	1.5	*10 710	*10 710	*9 240	7 260	*5 470	*4 040	*3 770	2 580			*2 400	1 930	7.07
	0 (Ground)	*9 290	*9 290	*9 450	7 170	*5 900	3 900	3 810	2 460			*2 650	1 950	6.92
	-1.5	*12 120	*12 120	*9 550	6 770	5 870	3 660	3 720	2 370			*3 140	2 160	6.41
	-3.0	*15 390	*15 390	*8 930	6 610	*4 970	3 550					*2 740	*2 740	5.36
2-Piece Boom Arm 3.01 m Counterweight 2 950 kg Shoe 500 mm	7.5											*2 660	*2 660	4.40
	6.0					*3 330	*3 330					*2 180	*2 180	5.98
	4.5					*3 490	*3 490	*3 120	2 730			*2 010	*2 010	6.89
	3.0			*4 570	*4 570	*4 220	4 140	*3 260	2 720			*1 980	1 840	7.38
	1.5	*11 280	*11 280	*8 880	7 280	*5 040	4 010	*3 560	2 640	*2 280	1 750	*2 060	1 730	7.55
	0 (Ground)	*10 080	*10 080	*9 350	7 040	*5 860	3 950	3 800	2 500			*2 240	1 750	7.40
	-1.5	*11 160	*11 160	*9 420	6 800	*5 930	3 710	3 720	2 370			*2 620	1 900	6.93
	-3.0	*14 210	*14 210	*9 500	6 620	*5 730	3 520	*2 620	2 340			*2 470	2 320	6.05
-4.5	*11 820	*11 820	*5 390	*5 390							*5 030	*5 030	3.13	

EQUIPMENT

● : Standard equipment

○ : Optional equipment

ENGINE

Aftertreatment device	●
Air cleaner double filters	●
Alternator 50 A	●
Auto idle system	●
Auto shut-down control	●
Cartridge-type engine oil filter	●
Cartridge-type fuel main filter	●
Cold fuel resistance valve	○
DEF/AdBlue® tank inlet strainer and extension filter	●
DEF/AdBlue® tank with ISO magnet adapter	●
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	●
Control valve with main relief valve	●
Extra port for control valve	●
Full-flow filter	●
High mesh full flow filter with restriction indicator	○
Hose rupture valve for arm	●
Hose rupture valve for boom	●
Pilot filter	●
Power boost	●
Suction filter	●
Swing dampener valve	●
Variable reliefvalve for breaker & crusher	●
Work mode selector	●

CAB

All-weather sound suppressed steel cab	●
AM-FM radio	●
Ashtray	●
Auto control air conditioner	●
AUX function lever (Breaker assist)	○
AUX terminal and storage	●
Cigarette lighter 24 V	●
CRES V (Center pillar reinforced structure) cab	●
Drink holder with hot & 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	●
Glove compartment	●
Hot & cool box	●
Intermittent windshield wipers	●
Key cylinder light	●
Laminated round glass window	○
LED room light with door courtesy	●
OPG front guard Level II (ISO10262) compliant cab	○
OPG top guard Level I (ISO10262) compliant cab	●
OPG top guard Level II (ISO10262) compliant cab	○
Pilot control shut-off lever	●
Power outlet 12 V	○
Rain guard	○
Rear tray	●
Retractable seat belt	●
ROPS (ISO12117-2) compliant cab	●
Rubber radio antenna	●
Seat : air suspension seat with heater	●
Seat adjustment part : backrest, armrest, height and angle, slide forward / back	●
Short wrist control levers	●
Sun visor (front window/side window)	○
Transparent roof with slide curtain	●
Windows on front, upper, lower and left side can be opened	●
2 speakers	●
4 fluid-filled elastic mounts	●

MONITOR SYSTEM

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

LIGHTS

Additional boom light with cover	○
Additional cab roof front lights	○
Additional cab roof rear lights	○
Rotating lamp	○
2 working lights	●

UPPER STRUCTURE

Batteries 2 x 58 Ah	●
Battery disconnect switch	●
Cab top handrail	●
Counterweight 2 550 kg	○
Counterweight 2 950 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	●
Rear view camera	●
Rear view mirror (right & left side)	●
Skid-resistant plates and handrails	●
Swing parking brake	●
Undercover	●

UNDERCARRIAGE

Bolt-on sprocket	●
Blade	○
Reinforced track links with pin seals	●
Shoe: 500 mm triple grouser	●
Track undercover	○
Travel direction mark on track frame	●
Travel motor covers	●
Travel parking brake	●
Upper and lower rollers	●
1 track guard (each side) and hydraulic track adjuster	●
2 track guards (each side) and hydraulic track adjuster	○
4 tie down brackets	●

FRONT ATTACHMENTS

Casted bucket link A	●
Centralized lubrication system	●
Dirt seal on all bucket pins	●
Flanged pin	●
HN bushing	●
Reinforced resin thrust plate	●
WC (tungsten-carbide) thermal spraying	●
Welded bucket link A	○

ATTACHMENTS

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

MISCELLANEOUS

Global e-Service	●
Onboard information controller	●
Standard tool kit	●