

ZAXIS-6 series

HITACHI

Reliable solutions

ZAXIS170W



HYDRAULIC EXCAVATOR

Model code : ZX170W-6

Engine rated power : 128.4 kW (ISO14396)

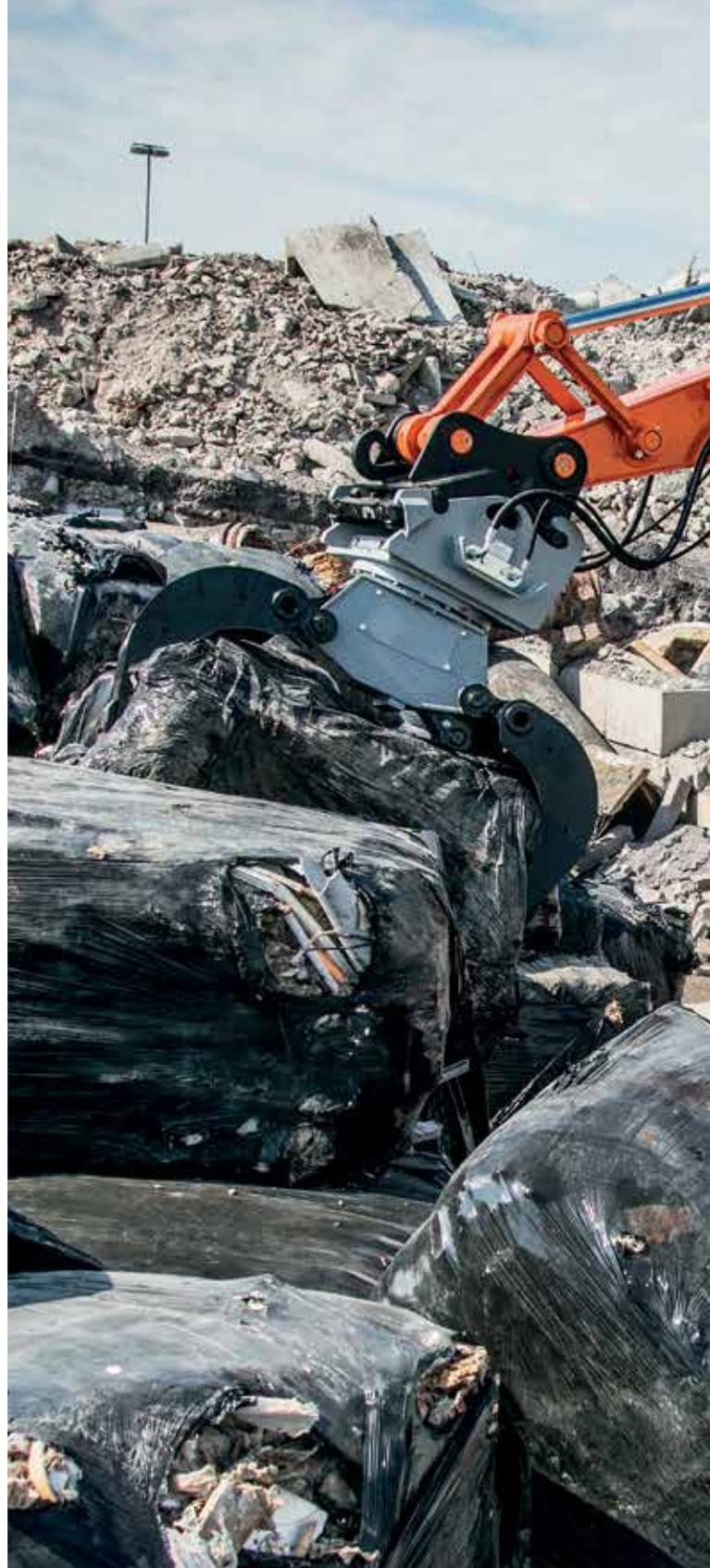
Operating weight : 17 300 – 19 100 kg

Bucket ISO heaped : 0.52 – 0.82 m³

ZX170W-6. NO COMPROMISE

The ZX170W-6 is easy to operate and manoeuvre around a variety of job sites, and exceptionally versatile for different applications. It incorporates unique industry-leading Hitachi technology, but without compromising on its user-friendly appeal.

Hitachi wheeled excavators share the same high-quality engineering, reliability and durability as its crawler models. With excellent stability, powerful travel and swing forces, and impressive lifting capacity, the ZX170W-6 is the ultimate universal working machine.



6. PROVEN RELIABILITY



8. OUTSTANDING DURABILITY



10. EXTRAORDINARY VERSATILITY

DEMAND PERFECTION

Following feedback from European customers, Hitachi engineers in Japan have developed the ZX170W-6 to perfection with more than 100 design updates.

Every single improvement contributes to Hitachi's overall aim of lowering the total cost of ownership. Collectively, they help to provide greater durability, better performance and increased operational efficiency.



High quality

Only the best design elements and materials.



Incredible versatility

Tilt and rotary tilt modes complete the attachment support system.



Lifetime reliability

Reliable components help to prevent oil leaks.



Ultimate durability

Solid and reliable undercarriage, modular in design.





Optimum performance

Remote monitoring with Global e-Service online application.



User-friendly

Easily accessible cab with step and wide entry.



Low emissions

SCR system reduces exhaust gas emissions.



Excellent efficiency

HIOS IV system reduces total hydraulic loss.



Easy maintenance

Convenient and wide-opening engine cover.



Low fuel consumption

10% fuel saving in PWR mode (9% in ECO mode).

SPECIFICATIONS

ENGINE

Model	Isuzu AR-4HK1X
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	128.4 kW at 2 000 min ⁻¹
ISO 9249, nett	122 kW at 2 000 min ⁻¹
SAE J1349, net	122 kW at 2 000 min ⁻¹
Maximum torque	670 Nm at 1 600 min ⁻¹
Piston displacement	5.193 L
Bore and stroke	115 mm x 125 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 157 L/min
Pilot pump	1 gear pump
Maximum oil flow	30 L/min
Steering pump	1 gear pump
Maximum oil flow	28.6 L / min

Hydraulic Motors

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

Relief Valve Settings

Implement circuit	34.3 MPa
Swing circuit	33.4 MPa
Travel circuit	34.8 MPa
Pilot circuit	3.9 MPa
Power boost	36.3 MPa

Hydraulic Cylinders

	Quantity	Bore	Rod diameter
Boom	2	110 mm	80 mm
Arm	1	120 mm	90 mm
Bucket	1	105 mm	75 mm
Positioning *	1	170 mm	105 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	12.2 min ⁻¹
Swing torque	42.8 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

Wheeled type undercarriage. The frame is of welded, stress-relieved structure.

Drive system: 2 speed power shift transmission and variable displacement axial piston type travel motor.

Travel speed (forward and reverse)

Creeper speed range	0 to 2.4 km / h
Low speed range	0 to 8.6 km / h
High speed range	0 to 35 km / h

Maximum traction force	102 kN
Gradeability	70% (35 degree)
Min. turning radius.....	6 650 mm

Axle:

All-wheel drive.

The front axle can be locked hydraulically in any position.

Oscillating front axle..... ± 7°

Brakes system:

Maintenance free wet-disc brakes on axle are standard.

Fully hydraulic service brake system

SOUND LEVEL

Sound level in cab according to ISO 6396 LpA 72 dB(A)

External sound level according to ISO 6395 and

EU Directive 2000/14/EC LwA 100 dB(A)

SERVICE REFILL CAPACITIES

Fuel tank	290.0 L
Engine coolant	28.0 L
Engine oil	23.0 L
Swing device	6.2 L
Transmission	2.5 L
Front differential gear	9.5 L
Rear differential gear	14.0 L
Hub reduction gear	
Front axle	2 x 2.5 L
Rear axle	2 x 2.5 L
Hydraulic system	180.0 L
Hydraulic tank	100.0 L
DEF/AdBlue® tank	26.0 L

WEIGHTS

Operating Weight

Arm length	Stabilization	Monoblock	2-Piece
		Standard gauge / Wide gauge	Standard gauge / Wide gauge
		kg	kg
2.21 m	Rear Blade	–	17 800
	Rear Outrigger	–	18 100
	Outrigger and Blade	–	18 800
	Front and Rear Outrigger	–	19 100
2.22 m	Rear Blade	17 300	–
	Rear Outrigger	17 500	–
	Outrigger and Blade	18 300	–
	Front and Rear Outrigger	18 500	–
2.50 m	Rear Blade	–	17 900
	Rear Outrigger	–	18 100
	Outrigger and Blade	–	18 900
	Front and Rear Outrigger	–	19 100
2.58 m	Rear Blade	17 300	–
	Rear Outrigger	17 600	–
	Outrigger and Blade	18 300	–
	Front and Rear Outrigger	18 600	–
3.08 m	Rear Blade	17 400	–
	Rear Outrigger	17 600	–
	Outrigger and Blade	18 400	–
	Front and Rear Outrigger	18 600	–

Including 0.60 m³ (ISO heaped), bucket weight (500 kg) and counterweight (3 400 kg).

BUCKET AND ARM DIGGING FORCE

Arm length	ZAXIS 170W with monoblock boom		
	2.22 m	2.58 m	3.08 m
Bucket digging force* ISO	108 kN		
Bucket digging force* SAE : PCSA	95 kN		
Arm crowd force* ISO	110 kN	87 kN	78 kN
Arm crowd force* SAE : PCSA	106 kN	84 kN	75 kN

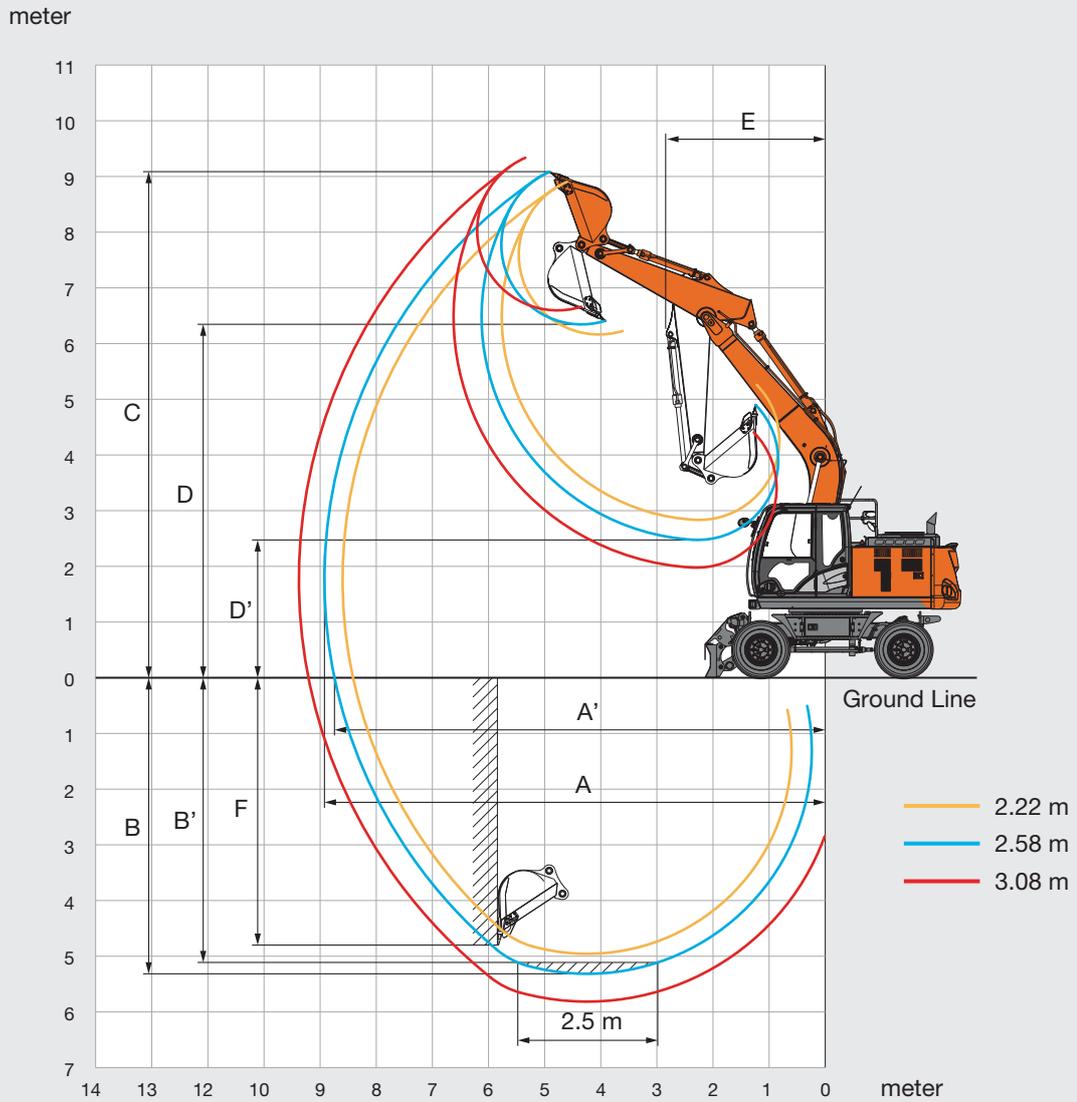
* At power boost

Arm length	ZAXIS 170W with 2-piece boom	
	2.21 m	2.50 m
Bucket digging force* ISO	108 kN	
Bucket digging force* SAE : PCSA	95 kN	
Arm crowd force* ISO	93 kN	85 kN
Arm crowd force* SAE : PCSA	90 kN	82 kN

* At power boost

SPECIFICATIONS

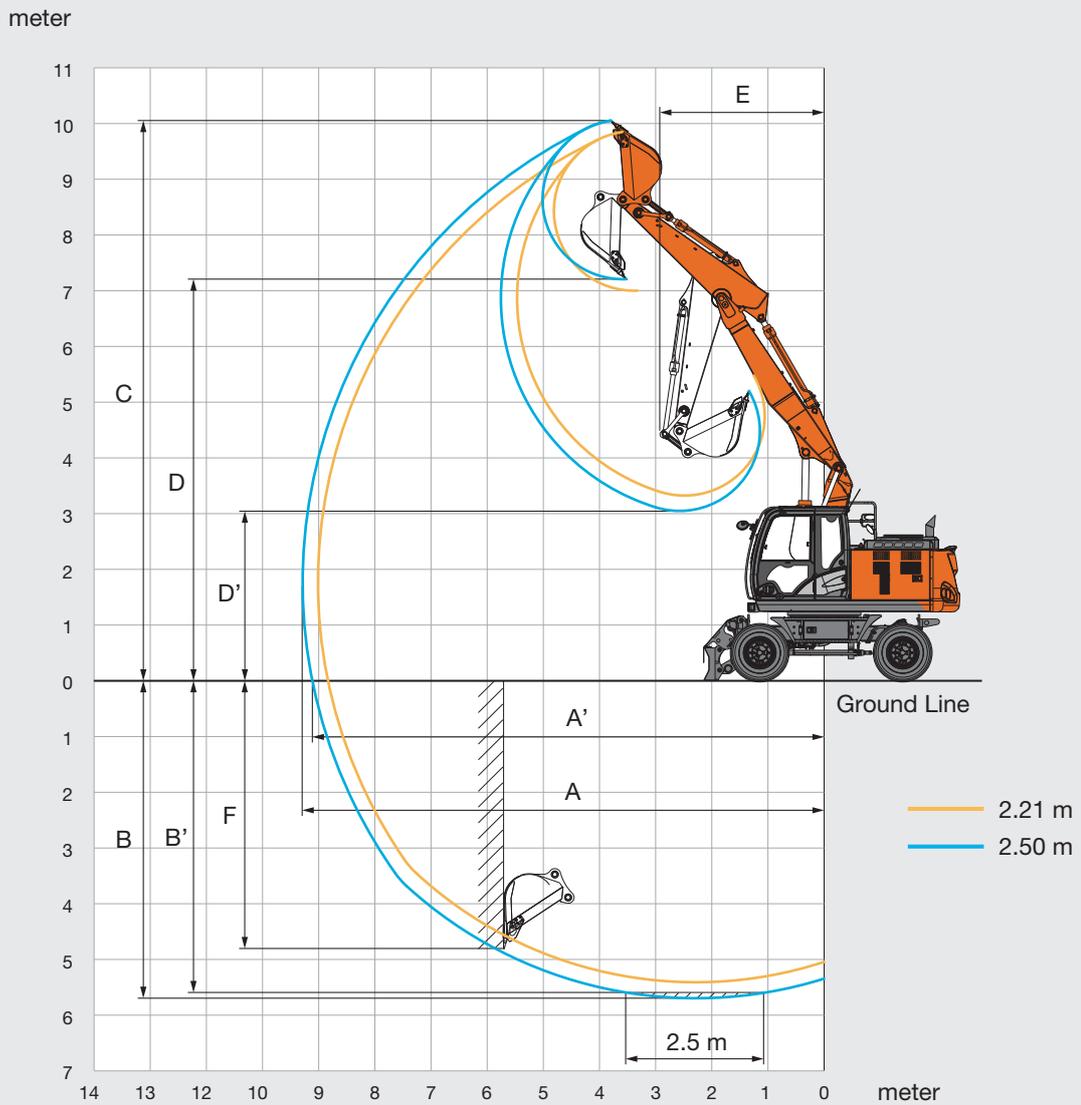
WORKING RANGES: MONOBLOCK BOOM



Unit: mm

	ZAXIS 170W		
	Monoblock boom		
Arm length	2.22 m	2.58 m	3.08 m
A Max. digging reach	8 690	9 050	9 500
A' Max. digging reach (on ground)	8 500	8 870	9 330
B Max. digging depth	4 960	5 330	5 830
B' Max. digging depth for 2.5 m level	4 740	5 130	5 650
C Max. cutting height	8 820	9 100	9 360
D Max. dumping height	6 130	6 360	6 610
D' Min. dumping height	2 990	2 480	1 980
E Min. swing radius	3 380	2 940	2 970
F Max. vertical wall digging depth	4 440	4 810	5 320

WORKING RANGES: 2-PIECE BOOM



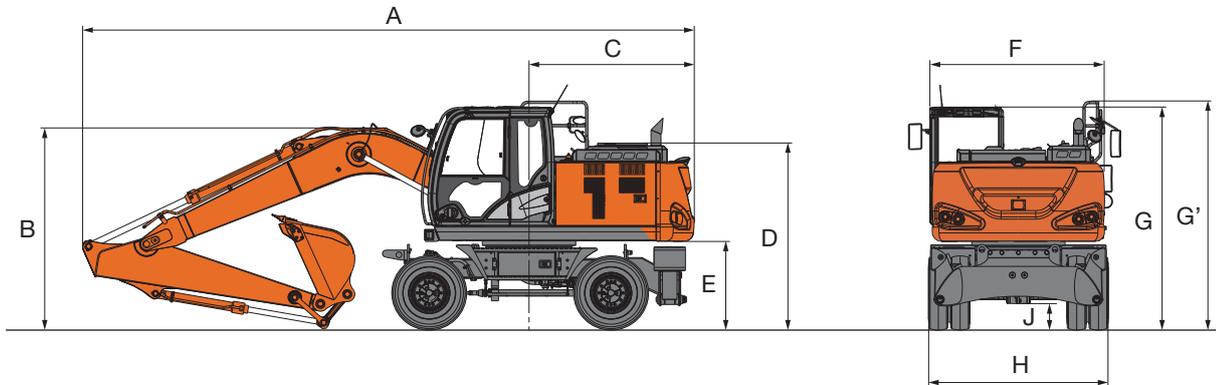
Unit: mm

	ZAXIS 170W	
	2-Piece boom	
Arm length	2.21 m	2.50 m
A Max. digging reach	9 190	9 450
A' Max. digging reach (on ground)	9 010	9 280
B Max. digging depth	5 430	5 720
B' Max. digging depth for 2.5 m level	5 330	5 620
C Max. cutting height	10 010	10 200
D Max. dumping height	7 160	7 340
D' Min. dumping height	3 360	3 050
E Min. swing radius	3 040	3 030
F Max. vertical wall digging depth	4 760	5 050

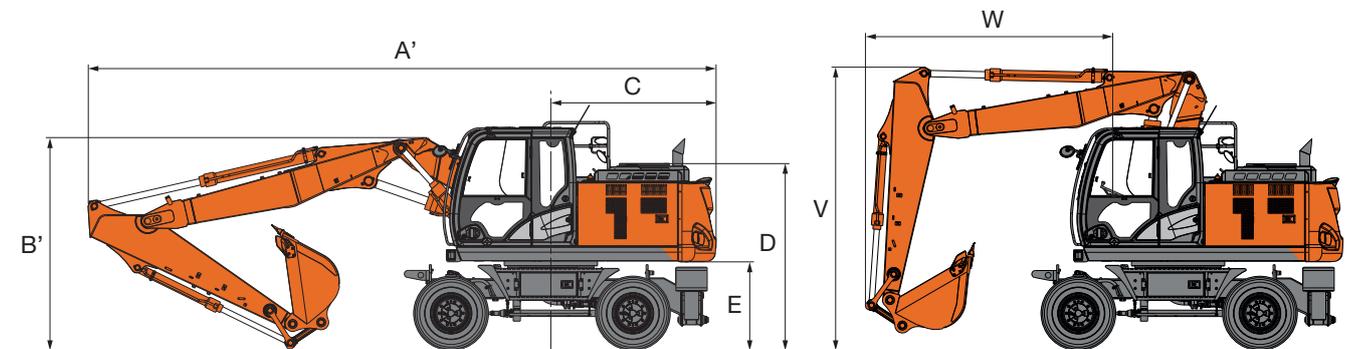
SPECIFICATIONS

DIMENSIONS

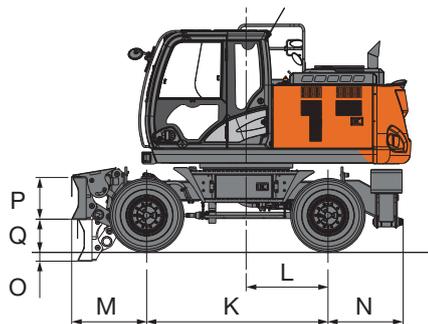
MONOBLOCK BOOM



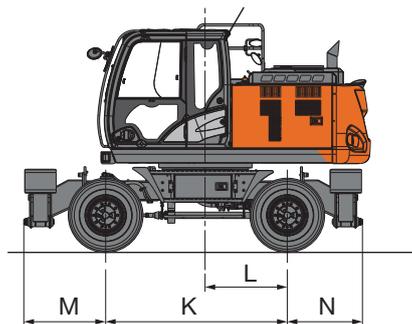
2-PIECE BOOM



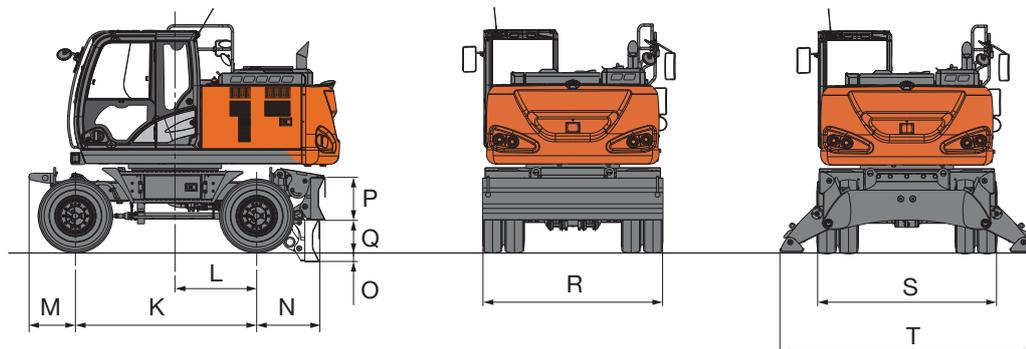
FRONT BLADE AND REAR OUTRIGGER



FRONT AND REAR OUTRIGGER



REAR BLADE



DIMENSIONS

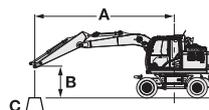
Unit: mm

		Standard gauge / Wide gauge				
		Rear BL	Rear O/R	Front BL Rear O/R	Front O/R Rear BL	Front and Rear O/R
A	Overall length (with monoblock boom)					
	Arm 2.22 m			8 690		
	Arm 2.58 m			8 580		
	Arm 3.08 m			8 520		
A'	Overall length (with 2-piece boom)					
	Arm 2.21 m			8 820		
	Arm 2.50 m			8 810		
B	Overall height of boom (with monoblock boom)					
	Arm 2.22 m			3 190		
	Arm 2.58 m			2 870		
	Arm 3.08 m			3 580		
B'	Overall height of boom (with 2-piece boom)					
	Arm 2.21 m			3 010		
	Arm 2.50 m			3 050		
C	Rear-end swing radius			2 320		
D	Engine cover height			2 590		
E	Counterweight clearance			1 215		
F	Overall width of upper structure			2 450		
G	Overall height of cabin			3 130		
G'	Overall height of handrail			3 220		
H	Overall width tires			2 550 / 2 730		
J	Min. ground clearance			350		
K	Wheel base			2 550		
L	Swing-centre to rear axle			1 150		
M	Front overhang	655		1 055		1 150
N	Rear overhang	965	1 060		965	1 060
O	Max. blade lower	145	–	145		–
P	Height of blade	590	–	590		–
Q	Max. blade raise	445	–	445		–
R	Overall width of blade	2 530 / 2 730	–	2 530 / 2 730		–
S	Overall width of O/R retract	–		2 470		
T	Overall width O/R extend	–		3 380		
V	Overall height of boom (travelling)					
	Arm 2.21 m			3 980		
	Arm 2.50 m			3 980		
W	Front overhang (travelling)					
	Arm 2.21 m			3 070		
	Arm 2.50 m			3 390		

Transportation dimensions are A (A'), B (B'), H (without blade) or A (A'), B (B'), R (with blade).

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. Each value with Rear blade up over the Front-axle side and each value with Rear blade down over the Rear-axle side respectively, and value in optimal position with positioning cylinder.
 6. 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 without bucket.

ZAXIS 170W MONOBLOCK BOOM, ARM 2.58 M, 3 400 KG COUNTERWEIGHT, STANDARD GAUGE

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

Stabilization		Load radius								At max. reach		meter
		3.0 m		4.5 m		6.0 m		7.5 m				
6.0 m	Rear blade up (over front)					*3 750	2 880			*3 150	2 670	6.27
	Rear blade down (over rear)					*3 750	3 250			*3 150	3 020	
	Rear outrigger down (over rear)					*3 750	*3 750			*3 150	*3 150	
	Front outrigger and rear blade down (over rear)					*3 750	*3 750			*3 150	*3 150	
	Front blade and rear outrigger down (over rear)					*3 750	*3 750			*3 150	*3 150	
	4 outrigger down (over rear)					*3 750	*3 750			*3 150	*3 150	
4.5 m	Rear blade up (over front)			*5 470	4 400	4 410	2 820			*3 090	2 140	7.09
	Rear blade down (over rear)			*5 470	4 990	*4 750	3 190			*3 090	2 430	
	Rear outrigger down (over rear)			*5 470	*5 470	*4 750	3 780			*3 090	2 890	
	Front outrigger and rear blade down (over rear)			*5 470	*5 470	*4 750	4 700			*3 090	*3 090	
	Front blade and rear outrigger down (over rear)			*5 470	*5 470	*4 750	*4 750			*3 090	*3 090	
	4 outrigger down (over rear)			*5 470	*5 470	*4 750	*4 750			*3 090	*3 090	
3.0 m	Rear blade up (over front)			6 600	4 060	4 260	2 680	3 020	1 890	3 020	1 890	7.51
	Rear blade down (over rear)			*6 650	4 640	*5 160	3 050	*3 240	2 160	*3 200	2 160	
	Rear outrigger down (over rear)			*6 650	5 570	*5 160	3 630	*3 240	2 580	*3 200	2 580	
	Front outrigger and rear blade down (over rear)			*6 650	*6 650	*5 160	4 550	*3 240	3 240	*3 200	*3 200	
	Front blade and rear outrigger down (over rear)			*6 650	*6 650	*5 160	4 660	*3 240	*3 240	*3 200	*3 200	
	4 outrigger down (over rear)			*6 650	*6 650	*5 160	*5 160	*3 240	*3 240	*3 200	*3 200	
1.5 m	Rear blade up (over front)			6 220	3 740	4 090	2 530	2 960	1 830	2 900	1 790	7.61
	Rear blade down (over rear)			*7 540	4 300	*5 530	2 900	*4 040	2 100	*3 480	2 060	
	Rear outrigger down (over rear)			*7 540	5 220	*5 530	3 470	*4 040	2 520	*3 480	2 470	
	Front outrigger and rear blade down (over rear)			*7 540	6 690	*5 530	4 380	*4 040	3 170	*3 480	3 110	
	Front blade and rear outrigger down (over rear)			*7 540	6 880	*5 530	4 490	*4 040	3 250	*3 480	3 180	
	4 outrigger down (over rear)			*7 540	*7 540	*5 530	5 240	*4 040	3 770	*3 480	*3 480	
0 m (Ground)	Rear blade up (over front)	*5 430	*5 430	6 010	3 550	3 970	2 420			2 970	1 830	7.40
	Rear blade down (over rear)	*5 430	*5 430	*7 700	4 110	*5 600	2 790			*4 030	2 100	
	Rear outrigger down (over rear)	*5 430	*5 430	*7 700	5 020	*5 600	3 360			*4 030	2 530	
	Front outrigger and rear blade down (over rear)	*5 430	*5 430	*7 700	6 480	*5 600	4 270			*4 030	3 190	
	Front blade and rear outrigger down (over rear)	*5 430	*5 430	*7 700	6 660	*5 600	4 380			*4 030	3 270	
	4 outrigger down (over rear)	*5 430	*5 430	*7 700	*7 700	*5 600	5 110			*4 030	3 790	
-1.5 m	Rear blade up (over front)	*9 650	6 340	5 960	3 500	3 940	2 390			3 300	2 020	6.84
	Rear blade down (over rear)	*9 650	7 510	*7 060	4 060	*5 160	2 750			*4 210	2 320	
	Rear outrigger down (over rear)	*9 650	9 500	*7 060	4 970	*5 160	3 320			*4 210	2 800	
	Front outrigger and rear blade down (over rear)	*9 650	*9 650	*7 060	6 420	*5 160	4 230			*4 210	3 540	
	Front blade and rear outrigger down (over rear)	*9 650	*9 650	*7 060	6 610	*5 160	4 340			*4 210	3 630	
	4 outrigger down (over rear)	*9 650	*9 650	*7 060	*7 060	*5 160	5 070			*4 210	*4 210	
-3.0 m	Rear blade up (over front)	*7 380	6 490	*5 540	3 570					*3 890	2 530	5.85
	Rear blade down (over rear)	*7 380	*7 380	*5 540	4 130					*3 890	2 910	
	Rear outrigger down (over rear)	*7 380	*7 380	*5 540	5 040					*3 890	3 510	
	Front outrigger and rear blade down (over rear)	*7 380	*7 380	*5 540	*5 540					*3 890	*3 890	
	Front blade and rear outrigger down (over rear)	*7 380	*7 380	*5 540	*5 540					*3 890	*3 890	
	4 outrigger down (over rear)	*7 380	*7 380	*5 540	*5 540					*3 890	*3 890	

**ZAXIS 170W MONOBLOCK BOOM, ARM 2.58 M,
3 400 KG COUNTERWEIGHT, WIDE GAUGE**

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

Stabilization		Load radius								At max. reach		
		3.0 m		4.5 m		6.0 m		7.5 m				meter
												
6.0 m	Rear blade up (over front)					*3 750	3 140			*3 150	2 910	6.27
	Rear blade down (over rear)					*3 750	3 550			*3 150	*3 150	
	Rear outrigger down (over rear)					*3 750	*3 750			*3 150	*3 150	
	Front outrigger and rear blade down (over rear)					*3 750	*3 750			*3 150	*3 150	
	Front blade and rear outrigger down (over rear)					*3 750	*3 750			*3 150	*3 150	
	4 outrigger down (over rear)					*3 750	*3 750			*3 150	*3 150	
4.5 m	Rear blade up (over front)			*5 470	4 810	4 410	3 080			*3 090	2 340	7.09
	Rear blade down (over rear)			*5 470	5 460	*4 750	3 480			*3 090	2 660	
	Rear outrigger down (over rear)			*5 470	*5 470	*4 750	3 950			*3 090	3 020	
	Front outrigger and rear blade down (over rear)			*5 470	*5 470	*4 750	*4 750			*3 090	*3 090	
	Front blade and rear outrigger down (over rear)			*5 470	*5 470	*4 750	*4 750			*3 090	*3 090	
	4 outrigger down (over rear)			*5 470	*5 470	*4 750	*4 750			*3 090	*3 090	
3.0 m	Rear blade up (over front)			6 600	4 470	4 260	2 940	3 020	2 080	3 020	2 080	7.51
	Rear blade down (over rear)			*6 650	5 110	*5 160	3 340	*3 240	2 370	*3 200	2 370	
	Rear outrigger down (over rear)			*6 650	5 850	*5 160	3 800	*3 240	2 700	*3 200	2 700	
	Front outrigger and rear blade down (over rear)			*6 650	*6 650	*5 160	4 760	*3 240	*3 240	*3 200	*3 200	
	Front blade and rear outrigger down (over rear)			*6 650	*6 650	*5 160	4 840	*3 240	*3 240	*3 200	*3 200	
	4 outrigger down (over rear)			*6 650	*6 650	*5 160	*5 160	*3 240	*3 240	*3 200	*3 200	
1.5 m	Rear blade up (over front)			6 220	4 130	4 090	2 790	2 960	2 020	2 900	1 980	7.61
	Rear blade down (over rear)			*7 540	4 760	*5 530	3 180	*4 040	2 310	*3 480	2 260	
	Rear outrigger down (over rear)			*7 540	5 490	*5 530	3 640	*4 040	2 640	*3 480	2 590	
	Front outrigger and rear blade down (over rear)			*7 540	7 030	*5 530	4 590	*4 040	3 310	*3 480	3 250	
	Front blade and rear outrigger down (over rear)			*7 540	7 180	*5 530	4 670	*4 040	3 370	*3 480	3 300	
	4 outrigger down (over rear)			*7 540	*7 540	*5 530	5 230	*4 040	3 770	*3 480	*3 480	
0 m (Ground)	Rear blade up (over front)	*5 430	*5 430	6 010	3 940	3 980	2 680			2 970	2 020	7.40
	Rear blade down (over rear)	*5 430	*5 430	*7 700	4 560	*5 600	3 070			*4 030	2 310	
	Rear outrigger down (over rear)	*5 430	*5 430	*7 700	5 290	*5 600	3 530			*4 030	2 650	
	Front outrigger and rear blade down (over rear)	*5 430	*5 430	*7 700	6 820	*5 600	4 470			*4 030	3 330	
	Front blade and rear outrigger down (over rear)	*5 430	*5 430	*7 700	6 960	*5 600	4 550			*4 030	3 390	
	4 outrigger down (over rear)	*5 430	*5 430	*7 700	*7 700	*5 600	5 110			*4 030	3 790	
-1.5 m	Rear blade up (over front)	*9 650	7 150	5 960	3 900	3 940	2 640			3 300	2 230	6.84
	Rear blade down (over rear)	*9 650	8 500	*7 060	4 510	*5 160	3 030			*4 210	2 560	
	Rear outrigger down (over rear)	*9 650	*9 650	*7 060	5 240	*5 160	3 490			*4 210	2 930	
	Front outrigger and rear blade down (over rear)	*9 650	*9 650	*7 060	6 760	*5 160	4 430			*4 210	3 700	
	Front blade and rear outrigger down (over rear)	*9 650	*9 650	*7 060	6 900	*5 160	4 510			*4 210	3 770	
	4 outrigger down (over rear)	*9 650	*9 650	*7 060	*7 060	*5 160	5 070			*4 210	*4 210	
-3.0 m	Rear blade up (over front)	*7 380	7 310	*5 540	3 960					*3 890	2 800	5.85
	Rear blade down (over rear)	*7 380	*7 380	*5 540	4 580					*3 890	3 210	
	Rear outrigger down (over rear)	*7 380	*7 380	*5 540	5 310					*3 890	3 680	
	Front outrigger and rear blade down (over rear)	*7 380	*7 380	*5 540	*5 540					*3 890	*3 890	
	Front blade and rear outrigger down (over rear)	*7 380	*7 380	*5 540	*5 540					*3 890	*3 890	
	4 outrigger down (over rear)	*7 380	*7 380	*5 540	*5 540					*3 890	*3 890	

**ZAXIS 170W 2-PIECE BOOM, ARM 2.50 M,
3 400 KG COUNTERWEIGHT, STANDARD GAUGE**

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

Stabilization		Load radius										At max. reach		
		1.5 m		3.0 m		4.5 m		6.0 m		7.5 m				meter
														
7.5 m	Rear blade up (over front)					*4 260	*4 260					*2 440	*2 440	5.48
	Rear blade down (over rear)					*4 260	*4 260					*2 440	*2 440	
	Rear outrigger down (over rear)					*4 260	*4 260					*2 440	*2 440	
	Front outrigger and rear blade down (over rear)					*4 260	*4 260					*2 440	*2 440	
	Front blade and rear outrigger down (over rear)					*4 260	*4 260					*2 440	*2 440	
	4 outrigger down (over rear)					*4 260	*4 260					*2 440	*2 440	
6.0 m	Rear blade up (over front)					*4 350	*4 350	*4 070	2 950			*2 120	*2 120	6.76
	Rear blade down (over rear)					*4 350	*4 350	*4 070	3 330			*2 120	*2 120	
	Rear outrigger down (over rear)					*4 350	*4 350	*4 070	3 910			*2 120	*2 120	
	Front outrigger and rear blade down (over rear)					*4 350	*4 350	*4 070	*4 070			*2 120	*2 120	
	Front blade and rear outrigger down (over rear)					*4 350	*4 350	*4 070	*4 070			*2 120	*2 120	
	4 outrigger down (over rear)					*4 350	*4 350	*4 070	*4 070			*2 120	*2 120	
4.5 m	Rear blade up (over front)			*6 550	*6 550	*5 090	4 480	*4 320	3 000	*2 160	1 910	*2 000	1 900	7.52
	Rear blade down (over rear)			*6 550	*6 550	*5 090	5 010	*4 320	3 340	*2 160	*2 160	*2 000	*2 000	
	Rear outrigger down (over rear)			*6 550	*6 550	*5 090	*5 090	*4 320	3 870	*2 160	*2 160	*2 000	*2 000	
	Front outrigger and rear blade down (over rear)			*6 550	*6 550	*5 090	*5 090	*4 320	*4 320	*2 160	*2 160	*2 000	*2 000	
	Front blade and rear outrigger down (over rear)			*6 550	*6 550	*5 090	*5 090	*4 320	*4 320	*2 160	*2 160	*2 000	*2 000	
	4 outrigger down (over rear)			*6 550	*6 550	*5 090	*5 090	*4 320	*4 320	*2 160	*2 160	*2 000	*2 000	
3.0 m	Rear blade up (over front)			*7 610	7 600	*6 240	4 340	*4 350	*2 980	3 060	1 910	*1 990	1 690	7.92
	Rear blade down (over rear)			*7 610	*7 610	*6 240	4 860	*4 790	3 310	*4 040	2 190	*1 990	1 950	
	Rear outrigger down (over rear)			*7 610	*7 610	*6 240	*5 660	*4 790	3 820	*4 040	2 620	*1 990	*1 990	
	Front outrigger and rear blade down (over rear)			*7 610	*7 610	*6 240	*6 240	*4 790	4 600	*4 040	3 270	*1 990	*1 990	
	Front blade and rear outrigger down (over rear)			*7 610	*7 610	*6 240	*6 240	*4 790	*4 690	*4 040	3 350	*1 990	*1 990	
	4 outrigger down (over rear)			*7 610	*7 610	*6 240	*6 240	*4 790	*4 790	*4 040	3 860	*1 990	*1 990	
1.5 m	Rear blade up (over front)			*9 570	7 490	*6 420	*4 290	*4 340	2 890	3 000	1 860	*2 080	1 620	8.02
	Rear blade down (over rear)			*9 570	8 520	*7 210	4 800	*5 250	3 270	*4 240	2 140	*2 080	1 870	
	Rear outrigger down (over rear)			*9 570	*9 570	*7 210	5 590	*5 250	3 830	*4 240	2 560	*2 080	*2 080	
	Front outrigger and rear blade down (over rear)			*9 570	*9 570	*7 210	*6 780	*5 250	4 570	*4 240	3 220	*2 080	*2 080	
	Front blade and rear outrigger down (over rear)			*9 570	*9 570	*7 210	6 920	*5 250	4 660	*4 240	3 290	*2 080	*2 080	
	4 outrigger down (over rear)			*9 570	*9 570	*7 210	*7 210	*5 250	*5 240	*4 240	3 810	*2 080	*2 080	
0 m (Ground)	Rear blade up (over front)	*8 340	*8 340	*11 270	7 530	6 470	4 230	4 310	2 730	2 930	1 780	*2 280	1 640	7.82
	Rear blade down (over rear)	*8 340	*8 340	*11 270	8 640	*7 520	4 830	*5 460	3 100	*4 250	2 050	*2 280	1 900	
	Rear outrigger down (over rear)	*8 340	*8 340	*11 270	10 330	*7 520	*5 650	*5 460	3 680	*4 250	2 480	*2 280	*2 280	
	Front outrigger and rear blade down (over rear)	*8 340	*8 340	*11 270	*11 270	*7 520	*6 830	*5 460	4 600	*4 250	3 140	*2 280	*2 280	
	Front blade and rear outrigger down (over rear)	*8 340	*8 340	*11 270	*11 270	*7 520	6 970	*5 460	4 710	*4 250	3 220	*2 280	*2 280	
	4 outrigger down (over rear)	*8 340	*8 340	*11 270	*11 270	*7 520	*7 520	*5 460	*5 270	*4 250	3 730	*2 280	*2 280	
-1.5 m	Rear blade up (over front)	*13 490	*13 490	*12 170	7 190	6 630	4 040	4 130	2 540			*2 670	1 810	7.29
	Rear blade down (over rear)	*13 490	*13 490	*12 170	8 450	*7 640	4 630	*5 600	2 910			*2 670	2 090	
	Rear outrigger down (over rear)	*13 490	*13 490	*12 170	10 560	*7 640	5 590	*5 600	3 500			*2 670	2 540	
	Front outrigger and rear blade down (over rear)	*13 490	*13 490	*12 170	*12 170	*7 640	*7 080	*5 600	4 420			*2 670	*2 670	
	Front blade and rear outrigger down (over rear)	*13 490	*13 490	*12 170	*12 170	*7 640	*7 190	*5 600	4 530			*2 670	*2 670	
	4 outrigger down (over rear)	*13 490	*13 490	*12 170	*12 170	*7 640	*7 640	*5 600	5 280			*2 670	*2 670	
-3.0 m	Rear blade up (over front)	*21 490	*21 490	*12 680	7 150	6 360	3 800	4 020	2 430			*3 750	2 340	6.15
	Rear blade down (over rear)	*21 490	*21 490	*12 680	8 400	*7 780	4 390	*4 610	2 800			*3 750	2 700	
	Rear outrigger down (over rear)	*21 490	*21 490	*12 680	10 510	*7 780	5 330	*4 610	3 390			*3 750	3 270	
	Front outrigger and rear blade down (over rear)	*21 490	*21 490	*12 680	*12 680	*7 780	6 830	*4 610	4 310			*3 750	*3 750	
	Front blade and rear outrigger down (over rear)	*21 490	*21 490	*12 680	*12 680	*7 780	7 020	*4 610	4 420			*3 750	*3 750	
	4 outrigger down (over rear)	*21 490	*21 490	*12 680	*12 680	*7 780	*7 780	*4 610	*4 610			*3 750	*3 750	

**ZAXIS 170W 2-PIECE BOOM, ARM 2.50 M,
3 400 KG COUNTERWEIGHT, WIDE GAUGE**

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

Stabilization		Load radius										At max. reach		
		1.5 m		3.0 m		4.5 m		6.0 m		7.5 m				meter
														
7.5 m	Rear blade up (over front)					*4 260	*4 260					*2 440	*2 440	5.48
	Rear blade down (over rear)					*4 260	*4 260					*2 440	*2 440	
	Rear outrigger down (over rear)					*4 260	*4 260					*2 440	*2 440	
	Front outrigger and rear blade down (over rear)					*4 260	*4 260					*2 440	*2 440	
	Front blade and rear outrigger down (over rear)					*4 260	*4 260					*2 440	*2 440	
	4 outrigger down (over rear)					*4 260	*4 260					*2 440	*2 440	
6.0 m	Rear blade up (over front)					*4 350	*4 350	*4 070	3 220			*2 120	*2 120	6.76
	Rear blade down (over rear)					*4 350	*4 350	*4 070	3 630			*2 120	*2 120	
	Rear outrigger down (over rear)					*4 350	*4 350	*4 070	4 070			*2 120	*2 120	
	Front outrigger and rear blade down (over rear)					*4 350	*4 350	*4 070	*4 070			*2 120	*2 120	
	Front blade and rear outrigger down (over rear)					*4 350	*4 350	*4 070	*4 070			*2 120	*2 120	
	4 outrigger down (over rear)					*4 350	*4 350	*4 070	*4 070			*2 120	*2 120	
4.5 m	Rear blade up (over front)			*6 550	*6 550	*5 090	4 850	*4 320	*3 240	*2 160	2 110	*2 000	*2 000	7.52
	Rear blade down (over rear)			*6 550	*6 550	*5 090	*5 090	*4 320	3 610	*2 160	*2 160	*2 000	*2 000	
	Rear outrigger down (over rear)			*6 550	*6 550	*5 090	*5 090	*4 320	4 020	*2 160	*2 160	*2 000	*2 000	
	Front outrigger and rear blade down (over rear)			*6 550	*6 550	*5 090	*5 090	*4 320	*4 320	*2 160	*2 160	*2 000	*2 000	
	Front blade and rear outrigger down (over rear)			*6 550	*6 550	*5 090	*5 090	*4 320	*4 320	*2 160	*2 160	*2 000	*2 000	
	4 outrigger down (over rear)			*6 550	*6 550	*5 090	*5 090	*4 320	*4 320	*2 160	*2 160	*2 000	*2 000	
3.0 m	Rear blade up (over front)			*7 610	*7 610	*6 240	4 700	*4 350	3 210	3 060	2 110	*1 990	1 870	7.92
	Rear blade down (over rear)			*7 610	*7 610	*6 240	5 260	*4 790	3 560	*4 040	2 400	*1 990	*1 990	
	Rear outrigger down (over rear)			*7 610	*7 610	*6 240	5 900	*4 790	3 970	*4 040	2 740	*1 990	*1 990	
	Front outrigger and rear blade down (over rear)			*7 610	*7 610	*6 240	*6 240	*4 790	*4 770	*4 040	3 410	*1 990	*1 990	
	Front blade and rear outrigger down (over rear)			*7 610	*7 610	*6 240	*6 240	*4 790	*4 790	*4 040	3 470	*1 990	*1 990	
	4 outrigger down (over rear)			*7 610	*7 610	*6 240	*6 240	*4 790	*4 790	*4 040	3 860	*1 990	*1 990	
1.5 m	Rear blade up (over front)			*9 570	8 200	*6 420	4 650	*4 340	3 150	3 010	2 050	*2 080	1 790	8.02
	Rear blade down (over rear)			*9 570	9 380	*7 210	5 200	*5 250	3 560	*4 240	2 350	*2 080	2 060	
	Rear outrigger down (over rear)			*9 570	*9 570	*7 210	5 820	*5 250	3 970	*4 240	2 680	*2 080	*2 080	
	Front outrigger and rear blade down (over rear)			*9 570	*9 570	*7 210	7 040	*5 250	4 740	*4 240	3 360	*2 080	*2 080	
	Front blade and rear outrigger down (over rear)			*9 570	*9 570	*7 210	*7 150	*5 250	4 810	*4 240	3 420	*2 080	*2 080	
	4 outrigger down (over rear)			*9 570	*9 570	*7 210	*7 210	*5 250	*5 240	*4 240	3 810	*2 080	*2 080	
0 m (Ground)	Rear blade up (over front)	*8 340	*8 340	*11 270	8 330	6 470	4 650	4 310	2 990	2 930	1 970	*2 280	1 830	7.82
	Rear blade down (over rear)	*8 340	*8 340	*11 270	9 500	*7 520	5 270	*5 460	3 390	*4 250	2 270	*2 280	2 110	
	Rear outrigger down (over rear)	*8 340	*8 340	*11 270	10 830	*7 520	5 880	*5 460	3 860	*4 250	2 600	*2 280	*2 280	
	Front outrigger and rear blade down (over rear)	*8 340	*8 340	*11 270	*11 270	*7 520	*7 090	*5 460	4 810	*4 250	3 280	*2 280	*2 280	
	Front blade and rear outrigger down (over rear)	*8 340	*8 340	*11 270	*11 270	*7 520	*7 190	*5 460	4 890	*4 250	3 340	*2 280	*2 280	
	4 outrigger down (over rear)	*8 340	*8 340	*11 270	*11 270	*7 520	*7 520	*5 460	*5 270	*4 250	3 730	*2 280	*2 280	
-1.5 m	Rear blade up (over front)	*13 490	*13 490	*12 170	8 060	6 630	4 450	4 130	2 800			*2 670	2 010	7.29
	Rear blade down (over rear)	*13 490	*13 490	*12 170	9 510	*7 640	5 110	*5 600	3 210			*2 670	2 310	
	Rear outrigger down (over rear)	*13 490	*13 490	*12 170	*11 160	*7 640	5 870	*5 600	3 670			*2 670	2 660	
	Front outrigger and rear blade down (over rear)	*13 490	*13 490	*12 170	*12 170	*7 640	7 290	*5 600	4 620			*2 670	*2 670	
	Front blade and rear outrigger down (over rear)	*13 490	*13 490	*12 170	*12 170	*7 640	7 380	*5 600	4 710			*2 670	*2 670	
	4 outrigger down (over rear)	*13 490	*13 490	*12 170	*12 170	*7 640	*7 640	*5 600	5 270			*2 670	*2 670	
-3.0 m	Rear blade up (over front)	*21 490	*21 490	*12 680	8 020	6 360	4 210	4 020	2 690			*3 750	2 590	6.15
	Rear blade down (over rear)	*21 490	*21 490	*12 680	9 460	*7 780	4 860	*4 610	3 090			*3 750	2 980	
	Rear outrigger down (over rear)	*21 490	*21 490	*12 680	11 190	*7 780	5 610	*4 610	3 560			*3 750	3 430	
	Front outrigger and rear blade down (over rear)	*21 490	*21 490	*12 680	*12 680	*7 780	7 190	*4 610	4 520			*3 750	*3 750	
	Front blade and rear outrigger down (over rear)	*21 490	*21 490	*12 680	*12 680	*7 780	7 330	*4 610	4 600			*3 750	*3 750	
	4 outrigger down (over rear)	*21 490	*21 490	*12 680	*12 680	*7 780	*7 780	*4 610	*4 610			*3 750	*3 750	

**ZAXIS 170W MONOBLOCK BOOM, ARM 2.58 M,
3 800 KG COUNTERWEIGHT, STANDARD GAUGE**

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

Stabilization		Load radius								At max. reach		meter
		3.0 m		4.5 m		6.0 m		7.5 m				
												
6.0 m	Rear blade up (over front)					*3 750	3 060			*3 150	2 840	6.27
	Rear blade down (over rear)					*3 750	3 440			*3 150	*3 150	
	Rear outrigger down (over rear)					*3 750	*3 750			*3 150	*3 150	
	Front outrigger and rear blade down (over rear)					*3 750	*3 750			*3 150	*3 150	
	Front blade and rear outrigger down (over rear)					*3 750	*3 750			*3 150	*3 150	
	4 outrigger down (over rear)					*3 750	*3 750			*3 150	*3 150	
4.5 m	Rear blade up (over front)			*5 470	4 650	4 630	2 990			*3 090	2 280	7.09
	Rear blade down (over rear)			*5 470	5 260	*4 750	3 380			*3 090	2 580	
	Rear outrigger down (over rear)			*5 470	*5 470	*4 750	3 980			*3 090	3 050	
	Front outrigger and rear blade down (over rear)			*5 470	*5 470	*4 750	*4 750			*3 090	*3 090	
	Front blade and rear outrigger down (over rear)			*5 470	*5 470	*4 750	*4 750			*3 090	*3 090	
	4 outrigger down (over rear)			*5 470	*5 470	*4 750	*4 750			*3 090	*3 090	
3.0 m	Rear blade up (over front)			*6 650	4 310	4 480	2 860	3 190	2 030	3 190	2 020	7.51
	Rear blade down (over rear)			*6 650	4 910	*5 160	3 240	*3 240	2 310	*3 200	2 300	
	Rear outrigger down (over rear)			*6 650	5 870	*5 160	3 840	*3 240	2 740	*3 200	2 730	
	Front outrigger and rear blade down (over rear)			*6 650	*6 650	*5 160	4 780	*3 240	*3 240	*3 200	*3 200	
	Front blade and rear outrigger down (over rear)			*6 650	*6 650	*5 160	4 890	*3 240	*3 240	*3 200	*3 200	
	4 outrigger down (over rear)			*6 650	*6 650	*5 160	*5 160	*3 240	*3 240	*3 200	*3 200	
1.5 m	Rear blade up (over front)			6 550	3 990	4 310	2 710	3 130	1 970	3 060	1 930	7.61
	Rear blade down (over rear)			*7 540	4 570	*5 530	3 080	*4 040	2 240	*3 480	2 200	
	Rear outrigger down (over rear)			*7 540	5 520	*5 530	3 680	*4 040	2 680	*3 480	2 620	
	Front outrigger and rear blade down (over rear)			*7 540	7 030	*5 530	4 610	*4 040	3 340	*3 480	3 280	
	Front blade and rear outrigger down (over rear)			*7 540	7 220	*5 530	4 720	*4 040	3 420	*3 480	3 350	
	4 outrigger down (over rear)			*7 540	*7 540	*5 530	5 490	*4 040	3 950	*3 480	*3 480	
0 m (Ground)	Rear blade up (over front)	*5 430	*5 430	6 340	3 800	4 200	2 600			3 140	1 970	7.40
	Rear blade down (over rear)	*5 430	*5 430	*7 700	4 380	*5 600	2 970			*4 030	2 250	
	Rear outrigger down (over rear)	*5 430	*5 430	*7 700	5 320	*5 600	3 570			*4 030	2 680	
	Front outrigger and rear blade down (over rear)	*5 430	*5 430	*7 700	6 820	*5 600	4 490			*4 030	3 360	
	Front blade and rear outrigger down (over rear)	*5 430	*5 430	*7 700	7 010	*5 600	4 610			*4 030	3 440	
	4 outrigger down (over rear)	*5 430	*5 430	*7 700	*7 700	*5 600	5 360			*4 030	3 980	
-1.5 m	Rear blade up (over front)	*9 650	6 770	6 290	3 760	4 160	2 560			3 490	2 170	6.84
	Rear blade down (over rear)	*9 650	8 000	*7 060	4 340	*5 160	2 940			*4 210	2 480	
	Rear outrigger down (over rear)	*9 650	*9 650	*7 060	5 270	*5 160	3 530			*4 210	2 970	
	Front outrigger and rear blade down (over rear)	*9 650	*9 650	*7 060	6 760	*5 160	4 450			*4 210	3 730	
	Front blade and rear outrigger down (over rear)	*9 650	*9 650	*7 060	6 950	*5 160	4 570			*4 210	3 820	
	4 outrigger down (over rear)	*9 650	*9 650	*7 060	*7 060	*5 160	*5 160			*4 210	*4 210	
-3.0 m	Rear blade up (over front)	*7 380	6 920	*5 540	3 820					*3 890	2 720	5.85
	Rear blade down (over rear)	*7 380	*7 380	*5 540	4 400					*3 890	3 110	
	Rear outrigger down (over rear)	*7 380	*7 380	*5 540	5 340					*3 890	3 720	
	Front outrigger and rear blade down (over rear)	*7 380	*7 380	*5 540	*5 540					*3 890	*3 890	
	Front blade and rear outrigger down (over rear)	*7 380	*7 380	*5 540	*5 540					*3 890	*3 890	
	4 outrigger down (over rear)	*7 380	*7 380	*5 540	*5 540					*3 890	*3 890	

**ZAXIS 170W MONOBLOCK BOOM, ARM 2.58 M,
3 800 KG COUNTERWEIGHT, WIDE GAUGE**

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

Stabilization		Load radius								At max. reach		meter
		3.0 m		4.5 m		6.0 m		7.5 m				
												
6.0 m	Rear blade up (over front)					*3 750	3 330			*3 150	3 090	6.27
	Rear blade down (over rear)					*3 750	*3 750			*3 150	*3 150	
	Rear outrigger down (over rear)					*3 750	*3 750			*3 150	*3 150	
	Front outrigger and rear blade down (over rear)					*3 750	*3 750			*3 150	*3 150	
	Front blade and rear outrigger down (over rear)					*3 750	*3 750			*3 150	*3 150	
	4 outrigger down (over rear)					*3 750	*3 750			*3 150	*3 150	
4.5 m	Rear blade up (over front)			*5 470	5 070	4 630	3 260			*3 090	2 490	7.09
	Rear blade down (over rear)			*5 470	*5 470	*4 750	3 680			*3 090	2 820	
	Rear outrigger down (over rear)			*5 470	*5 470	*4 750	4 160			*3 090	*3 090	
	Front outrigger and rear blade down (over rear)			*5 470	*5 470	*4 750	*4 750			*3 090	*3 090	
	Front blade and rear outrigger down (over rear)			*5 470	*5 470	*4 750	*4 750			*3 090	*3 090	
	4 outrigger down (over rear)			*5 470	*5 470	*4 750	*4 750			*3 090	*3 090	
3.0 m	Rear blade up (over front)			*6 650	4 730	4 480	3 120	3 190	2 220	3 190	2 220	7.51
	Rear blade down (over rear)			*6 650	5 390	*5 160	3 540	*3 240	2 520	*3 200	2 520	
	Rear outrigger down (over rear)			*6 650	6 160	*5 160	4 010	*3 240	2 860	*3 200	2 860	
	Front outrigger and rear blade down (over rear)			*6 650	*6 650	*5 160	4 990	*3 240	*3 240	*3 200	*3 200	
	Front blade and rear outrigger down (over rear)			*6 650	*6 650	*5 160	5 080	*3 240	*3 240	*3 200	*3 200	
	4 outrigger down (over rear)			*6 650	*6 650	*5 160	*5 160	*3 240	*3 240	*3 200	*3 200	
1.5 m	Rear blade up (over front)			6 550	4 400	4 310	2 970	3 130	2 160	3 060	2 120	7.61
	Rear blade down (over rear)			*7 540	5 050	*5 530	3 380	*4 040	2 460	*3 480	2 410	
	Rear outrigger down (over rear)			*7 540	5 800	*5 530	3 850	*4 040	2 800	*3 480	2 740	
	Front outrigger and rear blade down (over rear)			*7 540	7 380	*5 530	4 820	*4 040	3 490	*3 480	3 420	
	Front blade and rear outrigger down (over rear)			*7 540	7 530	*5 530	4 910	*4 040	3 550	*3 480	3 480	
	4 outrigger down (over rear)			*7 540	*7 540	*5 530	5 490	*4 040	3 950	*3 480	*3 480	
0 m (Ground)	Rear blade up (over front)	*5 430	*5 430	6 340	4 210	4 200	2 860			3 140	2 160	7.40
	Rear blade down (over rear)	*5 430	*5 430	*7 700	4 850	*5 600	3 270			*4 030	2 460	
	Rear outrigger down (over rear)	*5 430	*5 430	*7 700	5 600	*5 600	3 740			*4 030	2 810	
	Front outrigger and rear blade down (over rear)	*5 430	*5 430	*7 700	7 170	*5 600	4 700			*4 030	3 510	
	Front blade and rear outrigger down (over rear)	*5 430	*5 430	*7 700	7 310	*5 600	4 790			*4 030	3 570	
	4 outrigger down (over rear)	*5 430	*5 430	*7 700	*7 700	*5 600	5 360			*4 030	3 980	
-1.5 m	Rear blade up (over front)	*9 650	7 620	6 290	4 160	4 160	2 830			3 490	2 390	6.84
	Rear blade down (over rear)	*9 650	9 020	*7 060	4 800	*5 160	3 230			*4 210	2 730	
	Rear outrigger down (over rear)	*9 650	*9 650	*7 060	5 540	*5 160	3 700			*4 210	3 110	
	Front outrigger and rear blade down (over rear)	*9 650	*9 650	*7 060	*7 060	*5 160	4 660			*4 210	3 900	
	Front blade and rear outrigger down (over rear)	*9 650	*9 650	*7 060	*7 060	*5 160	4 750			*4 210	3 970	
	4 outrigger down (over rear)	*9 650	*9 650	*7 060	*7 060	*5 160	*5 160			*4 210	*4 210	
-3.0 m	Rear blade up (over front)	*7 380	*7 380	*5 540	4 230					*3 890	2 990	5.85
	Rear blade down (over rear)	*7 380	*7 380	*5 540	4 870					*3 890	3 410	
	Rear outrigger down (over rear)	*7 380	*7 380	*5 540	*5 540					*3 890	*3 890	
	Front outrigger and rear blade down (over rear)	*7 380	*7 380	*5 540	*5 540					*3 890	*3 890	
	Front blade and rear outrigger down (over rear)	*7 380	*7 380	*5 540	*5 540					*3 890	*3 890	
	4 outrigger down (over rear)	*7 380	*7 380	*5 540	*5 540					*3 890	*3 890	

**ZAXIS 170W 2-PIECE BOOM, ARM 2.50 M,
3 800 KG COUNTERWEIGHT, STANDARD GAUGE**

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

Stabilization		Load radius										At max. reach		
		1.5 m		3.0 m		4.5 m		6.0 m		7.5 m				meter
														
7.5 m	Rear blade up (over front)					*4 260	*4 260					*2 440	*2 440	5.48
	Rear blade down (over rear)					*4 260	*4 260					*2 440	*2 440	
	Rear outrigger down (over rear)					*4 260	*4 260					*2 440	*2 440	
	Front outrigger and rear blade down (over rear)					*4 260	*4 260					*2 440	*2 440	
	Front blade and rear outrigger down (over rear)					*4 260	*4 260					*2 440	*2 440	
	4 outrigger down (over rear)					*4 260	*4 260					*2 440	*2 440	
6.0 m	Rear blade up (over front)					*4 350	*4 350	*4 070	3 130			*2 120	*2 120	6.76
	Rear blade down (over rear)					*4 350	*4 350	*4 070	3 520			*2 120	*2 120	
	Rear outrigger down (over rear)					*4 350	*4 350	*4 070	*4 070			*2 120	*2 120	
	Front outrigger and rear blade down (over rear)					*4 350	*4 350	*4 070	*4 070			*2 120	*2 120	
	Front blade and rear outrigger down (over rear)					*4 350	*4 350	*4 070	*4 070			*2 120	*2 120	
	4 outrigger down (over rear)					*4 350	*4 350	*4 070	*4 070			*2 120	*2 120	
4.5 m	Rear blade up (over front)			*6 550	*6 550	*5 090	4 700	*4 320	*3 160	*2 160	2 050	*2 000	*2 000	7.52
	Rear blade down (over rear)			*6 550	*6 550	*5 090	*5 090	*4 320	3 510	*2 160	*2 160	*2 000	*2 000	
	Rear outrigger down (over rear)			*6 550	*6 550	*5 090	*5 090	*4 320	4 050	*2 160	*2 160	*2 000	*2 000	
	Front outrigger and rear blade down (over rear)			*6 550	*6 550	*5 090	*5 090	*4 320	*4 320	*2 160	*2 160	*2 000	*2 000	
	Front blade and rear outrigger down (over rear)			*6 550	*6 550	*5 090	*5 090	*4 320	*4 320	*2 160	*2 160	*2 000	*2 000	
	4 outrigger down (over rear)			*6 550	*6 550	*5 090	*5 090	*4 320	*4 320	*2 160	*2 160	*2 000	*2 000	
3.0 m	Rear blade up (over front)			*7 610	*7 610	*6 240	4 560	4 540	3 130	3 220	2 050	*1 990	1 820	7.92
	Rear blade down (over rear)			*7 610	*7 610	*6 240	5 090	*4 790	3 460	*4 040	2 330	*1 990	*1 990	
	Rear outrigger down (over rear)			*7 610	*7 610	*6 240	5 900	*4 790	3 990	*4 040	2 770	*1 990	*1 990	
	Front outrigger and rear blade down (over rear)			*7 610	*7 610	*6 240	*6 240	*4 790	4 790	*4 040	3 440	*1 990	*1 990	
	Front blade and rear outrigger down (over rear)			*7 610	*7 610	*6 240	*6 240	*4 790	*4 790	*4 040	3 520	*1 990	*1 990	
	4 outrigger down (over rear)			*7 610	*7 610	*6 240	*6 240	*4 790	*4 790	*4 040	4 040	*1 990	*1 990	
1.5 m	Rear blade up (over front)			*9 570	*7 850	6 670	4 510	4 510	3 070	3 170	2 000	*2 080	1 740	8.02
	Rear blade down (over rear)			*9 570	*8 910	*7 210	5 020	*5 250	3 450	*4 240	2 280	*2 080	2 000	
	Rear outrigger down (over rear)			*9 570	*9 570	*7 210	5 830	*5 250	3 990	*4 240	2 710	*2 080	*2 080	
	Front outrigger and rear blade down (over rear)			*9 570	*9 570	*7 210	7 040	*5 250	4 750	*4 240	3 380	*2 080	*2 080	
	Front blade and rear outrigger down (over rear)			*9 570	*9 570	*7 210	*7 170	*5 250	4 840	*4 240	3 460	*2 080	*2 080	
	4 outrigger down (over rear)			*9 570	*9 570	*7 210	*7 210	*5 250	*5 250	*4 240	3 990	*2 080	*2 080	
0 m (Ground)	Rear blade up (over front)	*8 340	*8 340	*11 270	7 970	*6 720	4 480	4 520	2 900	3 090	1 920	*2 280	1 770	7.82
	Rear blade down (over rear)	*8 340	*8 340	*11 270	9 050	*7 520	5 090	*5 460	3 280	*4 250	2 200	*2 280	2 040	
	Rear outrigger down (over rear)	*8 340	*8 340	*11 270	10 760	*7 520	5 890	*5 460	3 880	*4 250	2 640	*2 280	*2 280	
	Front outrigger and rear blade down (over rear)	*8 340	*8 340	*11 270	*11 270	*7 520	7 080	*5 460	4 820	*4 250	3 310	*2 280	*2 280	
	Front blade and rear outrigger down (over rear)	*8 340	*8 340	*11 270	*11 270	*7 520	7 210	*5 460	*4 920	*4 250	3 380	*2 280	*2 280	
	4 outrigger down (over rear)	*8 340	*8 340	*11 270	*11 270	*7 520	*7 520	*5 460	5 420	*4 250	3 920	*2 280	*2 280	
-1.5 m	Rear blade up (over front)	*13 490	*13 490	*12 170	7 630	6 960	4 290	4 340	2 710			*2 670	1 950	7.29
	Rear blade down (over rear)	*13 490	*13 490	*12 170	8 930	*7 640	4 910	*5 600	3 100			*2 670	2 240	
	Rear outrigger down (over rear)	*13 490	*13 490	*12 170	11 070	*7 640	5 890	*5 600	3 710			*2 670	*2 670	
	Front outrigger and rear blade down (over rear)	*13 490	*13 490	*12 170	*12 170	*7 640	7 280	*5 600	4 640			*2 670	*2 670	
	Front blade and rear outrigger down (over rear)	*13 490	*13 490	*12 170	*12 170	*7 640	*7 400	*5 600	4 760			*2 670	*2 670	
	4 outrigger down (over rear)	*13 490	*13 490	*12 170	*12 170	*7 640	*7 640	*5 600	5 520			*2 670	*2 670	
-3.0 m	Rear blade up (over front)	*21 490	*21 490	*12 680	7 590	6 690	4 060	4 240	2 600			*3 750	2 510	6.15
	Rear blade down (over rear)	*21 490	*21 490	*12 680	8 880	*7 780	4 660	*4 610	2 990			*3 750	2 880	
	Rear outrigger down (over rear)	*21 490	*21 490	*12 680	11 070	*7 780	5 630	*4 610	3 590			*3 750	3 470	
	Front outrigger and rear blade down (over rear)	*21 490	*21 490	*12 680	*12 680	*7 780	7 170	*4 610	4 530			*3 750	*3 750	
	Front blade and rear outrigger down (over rear)	*21 490	*21 490	*12 680	*12 680	*7 780	7 370	*4 610	*4 610			*3 750	*3 750	
	4 outrigger down (over rear)	*21 490	*21 490	*12 680	*12 680	*7 780	*7 780	*4 610	*4 610			*3 750	*3 750	

**ZAXIS 170W 2-PIECE BOOM, ARM 2.50 M,
3 800 KG COUNTERWEIGHT, WIDE GAUGE**

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

Stabilization		Load radius										At max. reach		
		1.5 m		3.0 m		4.5 m		6.0 m		7.5 m				meter
														
7.5 m	Rear blade up (over front)					*4 260	*4 260					*2 440	*2 440	5.48
	Rear blade down (over rear)					*4 260	*4 260					*2 440	*2 440	
	Rear outrigger down (over rear)					*4 260	*4 260					*2 440	*2 440	
	Front outrigger and rear blade down (over rear)					*4 260	*4 260					*2 440	*2 440	
	Front blade and rear outrigger down (over rear)					*4 260	*4 260					*2 440	*2 440	
	4 outrigger down (over rear)					*4 260	*4 260					*2 440	*2 440	
6.0 m	Rear blade up (over front)					*4 350	*4 350	*4 070	3 400			*2 120	*2 120	6.76
	Rear blade down (over rear)					*4 350	*4 350	*4 070	3 810			*2 120	*2 120	
	Rear outrigger down (over rear)					*4 350	*4 350	*4 070	*4 070			*2 120	*2 120	
	Front outrigger and rear blade down (over rear)					*4 350	*4 350	*4 070	*4 070			*2 120	*2 120	
	Front blade and rear outrigger down (over rear)					*4 350	*4 350	*4 070	*4 070			*2 120	*2 120	
	4 outrigger down (over rear)					*4 350	*4 350	*4 070	*4 070			*2 120	*2 120	
4.5 m	Rear blade up (over front)			*6 550	*6 550	*5 090	5 080	*4 320	3 400	*2 160	*2 160	*2 000	*2 000	7.52
	Rear blade down (over rear)			*6 550	*6 550	*5 090	*5 090	*4 320	*3 780	*2 160	*2 160	*2 000	*2 000	
	Rear outrigger down (over rear)			*6 550	*6 550	*5 090	*5 090	*4 320	*4 200	*2 160	*2 160	*2 000	*2 000	
	Front outrigger and rear blade down (over rear)			*6 550	*6 550	*5 090	*5 090	*4 320	*4 320	*2 160	*2 160	*2 000	*2 000	
	Front blade and rear outrigger down (over rear)			*6 550	*6 550	*5 090	*5 090	*4 320	*4 320	*2 160	*2 160	*2 000	*2 000	
	4 outrigger down (over rear)			*6 550	*6 550	*5 090	*5 090	*4 320	*4 320	*2 160	*2 160	*2 000	*2 000	
3.0 m	Rear blade up (over front)			*7 610	*7 610	*6 240	*4 920	4 540	3 370	3 220	2 250	*1 990	*1 990	7.92
	Rear blade down (over rear)			*7 610	*7 610	*6 240	5 500	*4 790	3 730	*4 040	2 550	*1 990	*1 990	
	Rear outrigger down (over rear)			*7 610	*7 610	*6 240	6 140	*4 790	4 140	*4 040	2 890	*1 990	*1 990	
	Front outrigger and rear blade down (over rear)			*7 610	*7 610	*6 240	*6 240	*4 790	*4 790	*4 040	3 580	*1 990	*1 990	
	Front blade and rear outrigger down (over rear)			*7 610	*7 610	*6 240	*6 240	*4 790	*4 790	*4 040	3 640	*1 990	*1 990	
	4 outrigger down (over rear)			*7 610	*7 610	*6 240	*6 240	*4 790	*4 790	*4 040	4 040	*1 990	*1 990	
1.5 m	Rear blade up (over front)			*9 570	8 600	6 670	*4 870	4 510	3 330	3 170	2 200	*2 080	1 920	8.02
	Rear blade down (over rear)			*9 570	*9 570	*7 210	5 430	*5 250	3 750	*4 240	2 500	*2 080	*2 080	
	Rear outrigger down (over rear)			*9 570	*9 570	*7 210	6 070	*5 250	4 140	*4 240	2 840	*2 080	*2 080	
	Front outrigger and rear blade down (over rear)			*9 570	*9 570	*7 210	*7 210	*5 250	4 920	*4 240	3 530	*2 080	*2 080	
	Front blade and rear outrigger down (over rear)			*9 570	*9 570	*7 210	*7 210	*5 250	4 990	*4 240	3 590	*2 080	*2 080	
	4 outrigger down (over rear)			*9 570	*9 570	*7 210	*7 210	*5 250	*5 250	*4 240	3 990	*2 080	*2 080	
0 m (Ground)	Rear blade up (over front)	*8 340	*8 340	*11 270	8 720	*6 720	4 920	4 520	3 170	3 090	2 110	*2 280	1 960	7.82
	Rear blade down (over rear)	*8 340	*8 340	*11 270	9 910	*7 520	5 500	*5 460	3 590	*4 250	2 420	*2 280	2 250	
	Rear outrigger down (over rear)	*8 340	*8 340	*11 270	*11 260	*7 520	6 120	*5 460	4 060	*4 250	2 760	*2 280	*2 280	
	Front outrigger and rear blade down (over rear)	*8 340	*8 340	*11 270	*11 270	*7 520	7 320	*5 460	4 990	*4 250	3 450	*2 280	*2 280	
	Front blade and rear outrigger down (over rear)	*8 340	*8 340	*11 270	*11 270	*7 520	7 420	*5 460	*5 040	*4 250	3 510	*2 280	*2 280	
	4 outrigger down (over rear)	*8 340	*8 340	*11 270	*11 270	*7 520	*7 520	*5 460	5 420	*4 250	3 910	*2 280	*2 280	
-1.5 m	Rear blade up (over front)	*13 490	*13 490	*12 170	8 530	6 960	4 720	4 340	2 980			*2 670	2 150	7.29
	Rear blade down (over rear)	*13 490	*13 490	*12 170	10 030	*7 640	5 400	*5 600	3 410			*2 670	2 470	
	Rear outrigger down (over rear)	*13 490	*13 490	*12 170	*11 550	*7 640	6 180	*5 600	3 880			*2 670	*2 670	
	Front outrigger and rear blade down (over rear)	*13 490	*13 490	*12 170	*12 170	*7 640	*7 490	*5 600	4 850			*2 670	*2 670	
	Front blade and rear outrigger down (over rear)	*13 490	*13 490	*12 170	*12 170	*7 640	*7 570	*5 600	4 940			*2 670	*2 670	
	4 outrigger down (over rear)	*13 490	*13 490	*12 170	*12 170	*7 640	*7 640	*5 600	5 520			*2 670	*2 670	
-3.0 m	Rear blade up (over front)	*21 490	*21 490	*12 680	8 480	6 690	4 480	4 240	2 870			*3 750	2 770	6.15
	Rear blade down (over rear)	*21 490	*21 490	*12 680	9 980	*7 780	5 150	*4 610	3 290			*3 750	3 170	
	Rear outrigger down (over rear)	*21 490	*21 490	*12 680	11 770	*7 780	5 920	*4 610	3 770			*3 750	3 640	
	Front outrigger and rear blade down (over rear)	*21 490	*21 490	*12 680	*12 680	*7 780	7 530	*4 610	*4 610			*3 750	*3 750	
	Front blade and rear outrigger down (over rear)	*21 490	*21 490	*12 680	*12 680	*7 780	7 680	*4 610	*4 610			*3 750	*3 750	
	4 outrigger down (over rear)	*21 490	*21 490	*12 680	*12 680	*7 780	*7 780	*4 610	*4 610			*3 750	*3 750	

EQUIPMENT

● : Standard equipment

○ : Optional equipment

ENGINE

Aftertreatment device	●
Air cleaner double filters	●
Alternator 60 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	○
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	●
Shockless valve in pilot circuit	●
Steering filter	●
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	●
Hot & cool box	●
Intermittent windshield wipers	●
Key cylinder light	●
Laminated round glass window	○
LED room light with door courtesy	●
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	●
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	●
Attachment operational information	●
Display of meters: Speedometer, Tachometer, Tripmeter, 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	○
Brake lamps	●
Clearance lamps	●
Hazard lamps	●
Licence lamp	○
Rotating lamp	○
Turn signal lamps	●
Working lights	●
2 head lights	●

UPPER STRUCTURE

Batteries 2 x 93 Ah	●
Battery disconnect switch	●
Body top handrail	●
Counterweight 3 400 kg	●
Counterweight 3 800 kg	○
Electric fuel refilling pump with auto stop and filter	●
Fuel level float	●
Handrail (cab top)	●
Handrail (platform)	●
Hydraulic oil level gauge	●
Rear view camera	●
Rear view mirror (right & left side)	●
Side view camera	○
Skid-resistant plates and handrails	●
Swing parking brake	●
Undercover	●

UNDERCARRIAGE

Clamshell bracket	○
Front cover	○
Front dozer blade + rear outrigger	○
Front outrigger + rear dozer blade	○
Front outrigger + rear outrigger	○
Parking brake	●
Rear dozer blade	○
Rear outrigger	○
Right toolbox	○
Toolbox: left chassis	●
Traction types pattern tires (10.00-20 14PR)	●
Tire spacer	●
Wide gauge axle	○
4 tie down brackets	●

FRONT ATTACHMENTS

Casted bucket link A	●
Centralized lubrication system	●
Dirt seal on all bucket pins	●
Flanged pin	●
HN bushing	●
Reinforced link B	○
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	●
Clamshell piping	○
HSB Parts for breaker and crusher	●
Pilot accumulator	●
PTO valve	○

MISCELLANEOUS

Global e-Service	●
Lockable fuel refilling cap	●
Lockable machine covers	●
Onboard information controller	●
Standard tool kit	●
Travel direction mark on chassis frame	●