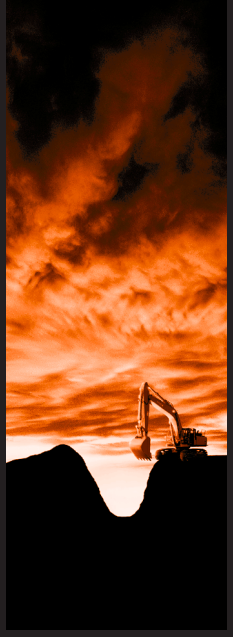
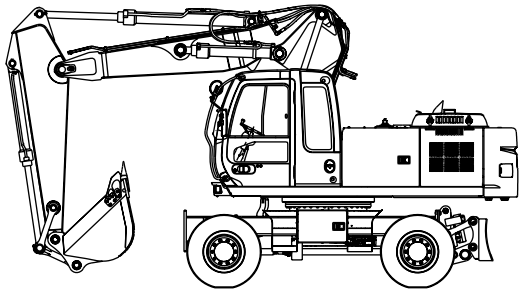
HITACHI
ZAXIS210W



engine rated power
110 kW / 147 HP

operating weight
19 200 - 21 500 kg

bucket capacity
0.51 - 1.20 m³



HITACHI

Engine

Model . . . . . Isuzu AA-6BG1T
Type . . . . . 4-cycle water-cooled, direct injection
Aspiration . . . . . Turbocharged, intercooled
No. of cylinders 6
Rated power
DIN 6271, net . . . . . H/P mode: 110 kW (150 PS, 147 HP) at 2 100 min^{-1} (rpm)
P mode: 105 kW (142 PS, 141 HP) at 1 900 min^{-1} (rpm)
SAE J1349, net . . . . . H/P mode: 110 kW (150 PS, 147 HP) at 2 100 min^{-1} (rpm)
P mode: 105 kW (142 PS, 141 HP) at 1 900 min^{-1} (rpm)
ISO9249 . . . . . H/P mode: 110 kW (150 PS, 147 HP) at 2 100 min^{-1} (rpm)
P mode: 105 kW (142 PS, 141 HP) at 1 900 min^{-1} (rpm)
ECE-R24 . . . . . H/P mode: 108.1 kW (147 PS, 145 HP) at 2 100 min^{-1} (rpm)
Maximum torque . . . . . 550 Nm (56 kgf/m) at 1 600 min^{-1} (rpm)
Piston Displacement . . . . . 6.494 l
Bore and stroke . . . . . 105 mm x 125 mm
Batteries . . . . . 2 x 12 V / 97 Ah
Governor . . . . . Mechanical speed control with stepping motor

Hydraulic system

- Work mode selector
  Digging mode / Attachment mode
- Engine speed sensing system

Main pumps . . . . . 2 variable displacement axial piston pumps
Maximum oil flow . . . . . 2 x 214 l/min
Pilot pump . . . . . 1 gear pump
Maximum oil flow . . . . . 36 l/min
Steering pump . . . . . 1 gear pump
Maximum oil flow . . . . . 36 l/min

HYDRAULIC MOTORS

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

RELIEF VALVE SETTINGS

Implement circuit . . . . . 34.3 MPa (350 kgf/cm^2, 4 980 psi)
Swing circuit . . . . . 30.4 MPa (310 kgf/cm^2, 4 410 psi)
Travel circuit . . . . . 34.3 MPa (350 kgf/cm^2, 4 980 psi)
Pilot circuit . . . . . 3.9 MPa (40 kgf/cm^2, 570 psi)

HYDRAULIC CYLINDERS

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

DIMENSIONS

	Qty.	Bore	Rod diameter
Boom (2-Piece boom)	2	125 mm	85 mm
Positioning (2-Piece boom)	2	135 mm	95 mm
Boom (Monoblock boom)	2	120 mm	85 mm
Arm	1	135 mm	95 mm
Bucket	1	115 mm	80 mm

HYDRAULIC FILTERS

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

Controls

Pilot controls. Hitachi's original shockless valve and quick warm-up system built in the pilot circuit. Hydraulic warm-up control system for engine and hydraulic oil.
Implement levers 2
Travel pedal 1
Outrigger and/or blade lever 1
Positioning and/or Att Pedal 1

Upper structure

REVOLVING FRAME

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

SWING MECHANISM

Axial piston motor with planetary reduction gear is bathed in oil. Swing circle is single-row, shear-type ball bearing with induction-hardened internal gear. Internal gear and pinion gear are immersed in lubricant. Swing parking brake is spring-set/hydraulic-released disc type.
Swing speed . . . . . 13.6 min^{-1} (rpm)

OPERATOR'S CABIN

Independent spacious cabin, 1 005 mm wide by 1 675 mm high, conforming to ISO standards. Reinforced glass windows on 4 sides for visibility. Front upper and lower windows can be opened
Reclining seat with armrests; adjustable with or without control levers.

Undercarriage

Wheeled type undercarriage. The frame is of welded, stress-relieved structure.
Drive system: 2 gear power shift transmission and variable displacement axial piston type travel motor.
Travel speed (forward and reverse)
Creeper speed range . . . . . 0 to 2.0 km/h
Low speed range . . . . . 0 to 6.6 km/h
High speed range . . . . . 0 to 25.0 km/h
Gradeability . . . . . 35 degrees (70%)
Min. turning radius . . . . . 7 200 mm
Axle:
All-wheel drive.
The front axle can be locked hydraulically in any position.
Oscillating front axle . . . . . ± 6°
Brakes system:
Maintenance free wet-disk brakes on front axle and rear axle are standard.
Fully hydraulic service brake system.

Operating weight

ZAXIS210W WITH MONOBLOCK BOOM:
Equipped with monoblock boom, 2.91 m arm and 0.8 m³ (SAE heaped) bucket.

Stabilization	Operating weight	
	Standard gauge	Wide gauge
Rear Blade	19 200 kg	19 200 kg
Rear Outrigger	19 400 kg	19 400 kg
Front and Rear Outrigger	20 600 kg	20 600 kg
Outrigger and Blade	20 300 kg	20 300 kg

ZAXIS210W WITH 2-PIECE BOOM:
Equipped with 2-piece boom, 2.41 m arm and 0.8 m³ (SAE heaped) bucket.

Stabilization	Operating weight	
	Standard gauge	Wide gauge
Rear Blade	20 100 kg	20 100 kg
Rear Outrigger	20 300 kg	20 300 kg
Front and Rear Outrigger	21 500 kg	21 500 kg
Outrigger and Blade	21 200 kg	21 200 kg

Service refill capacities

Fuel tank . . . . . 340 l
Engine coolant . . . . . 23 l
Engine oil . . . . . 25 l
Swing mechanism . . . . . 6.2 l
Transmission . . . . . 2.9 l
Front differential gear . . . . . 11 l
Rear differential gear . . . . . 13 l
Hub reduction gear
Front axle . . . . . 2 x 2 l
Rear axle . . . . . 2 x 2 l
Hydraulic system . . . . . 310 l
Hydraulic tank . . . . . 135 l

Backhoe attachments

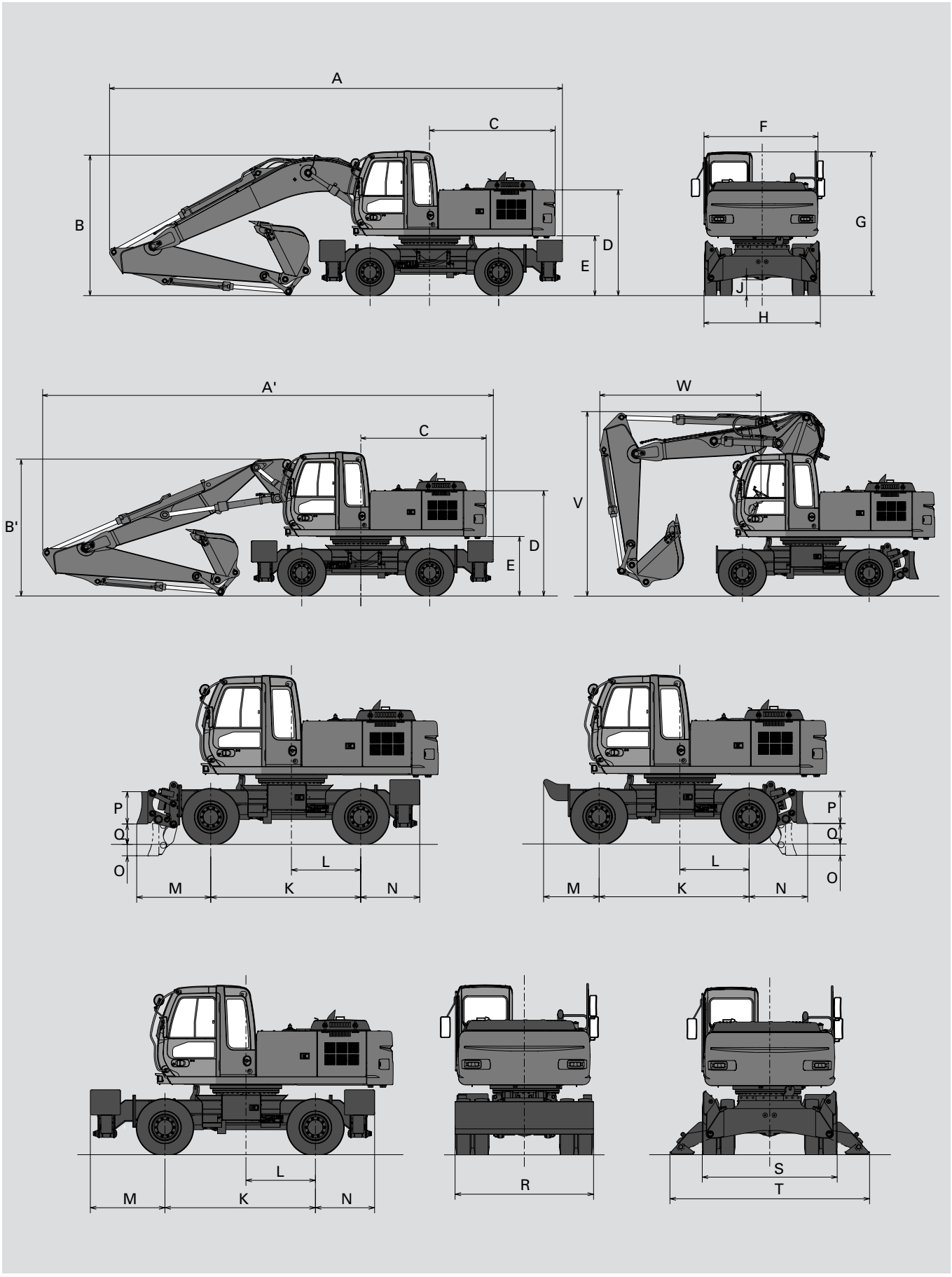
Boom and arms are of welded, box-section design.
Monoblock and 2-piece booms are available.
2.03 m, 2.42 m, 2.91 m and 3.51 m arms are available for monoblock boom.
2.02 m 2.41 m, 2.91 m and 3.51 m arms are available for 2-piece boom. Bucket is of all-welded, high-strength steel structure.

BUCKETS

Capacity		Width		No. of teeth	Weight	Monoblock boom				2-Piece Boom			
SAE (PCSA) heaped	CECE heaped	With side cutters	Without side cutters			2.03 m arm	2.42 m arm	2.91 m arm	3.51 m arm	2.02 m arm	2.41 m arm	2.91 m arm	3.51 m arm
0.51 m³	0.45 m³	850 mm	720 mm	3	530 kg	◎	◎	◎	◎	◎	◎	◎	◎
0.80 m³	0.70 m³	1 140 mm	1 030 mm	5	670 kg	◎	◎	◎	○	◎	◎	◎	○
0.91 m³	0.80 m³	1 280 mm	1 150 mm	5	720 kg	◎	◎	○	□	◎	◎	○	□
1.10 m³	0.90 m³	1 460 mm	1 330 mm	6	780 kg	□	□	—	—	□	□	—	—
1.20 m³	1.00 m³	-	1 450 mm	6	690 kg	□	—	—	—	□	—	—	—

◎ Suitable for materials with density of 1 800 kg/m³ or less.
○ Suitable for materials with density of 1 600 kg/m³ or less.
□ Suitable for materials with density of 1 100 kg/m³ or less.

Dimensions



Dimensions

Unit: mm

	Standard gauge				Wide Gauge	
	Rear BL	**Rear O/R**	**Front BL Rear O/R**	**Front and Rear O/R**	**Rear BL**	**Rear O/R**
A Overall length (with monoblock boom)						
2.03 m arm	9 790	9 790	9 790	9 790	9 790	9 790
2.42 m arm	9 800	9 800	9 800	9 800	9 800	9 800
2.91 m arm	9 660	9 660	9 810	9 810	9 660	9 660
3.51 m arm	9 730	9 730	9 880	9 880	9 730	9 730
A' Overall length (with 2-piece boom)						
2.02 m arm	9 350	9 350	9 350	9 350	9 350	9 350
2.41 m arm	9 240	9 240	9 240	9 240	9 240	9 240
2.91 m arm	9 220	9 220	9 370	9 370	9 220	9 220
3.51 m arm	9 130	9 130	9 280	9 280	9 130	9 130
B Overall height of boom (with monoblock boom)						
2.03 m arm	3 210					
2.42 m arm	3 230					
2.91 m arm	*3 110					
3.51 m arm	3 560					
B' Overall height of boom (with 2-piece boom)						
2.02 m arm	3 260					
2.41 m arm	3 270					
2.91 m arm	3 440					
3.51 m arm	3 670					
C Rear-end swing radius	2 700					
D Engine Cover height	2 465					
E Counterweight clearance	1 275					
F Overall width of upper structure	2 490					
G Overall height of cabin	3 110					
H Overall width of tires	2 500	2 500	2 500	2 500	2 700	2 700
J Min. ground clearance	340					
K Wheel base	2 750					
L Swing-center to rear axle	1 270					
M Front overhang	1 020	1 020	1 355	1 365	1 020	1 020
N Rear overhang	1 075	1 080	1 080	1 080	1 075	1 080
O Max. blade lower	215	-	215	-	215	-
P Overall height of blade	590	-	590	-	590	-
Q Max. blade raise	375	-	375	-	375	-
R Overall width of blade	2 530	-	2 530	-	2 730	-
S Overall width of O/R retract	-	2 470	2 470	2 470	-	2 470
T Overall width of O/R extend	-	3 700	3 700	3 700	-	3 700
V Overall height of boom (traveling)						
**2.02 m arm	4 000					
**2.41 m arm	4 000					
2.91 m arm	3 900					
3.51 m arm	3 940					
W Front overhang (traveling)						
**2.02 m arm	3 495					
**2.41 m arm	3 495					
2.91 m arm	5 265					
3.51 m arm	***5 265					

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

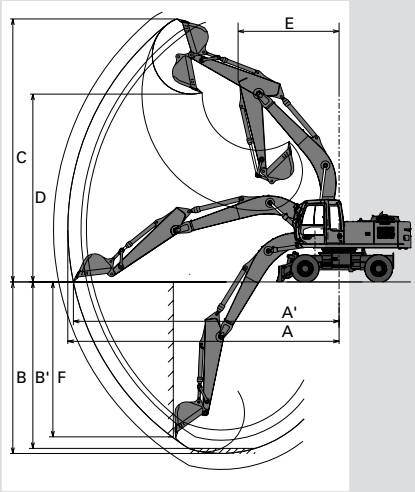
* Cabin Height.

** Certified by the German Automobile Inspection.

*** Without bucket.

Working ranges

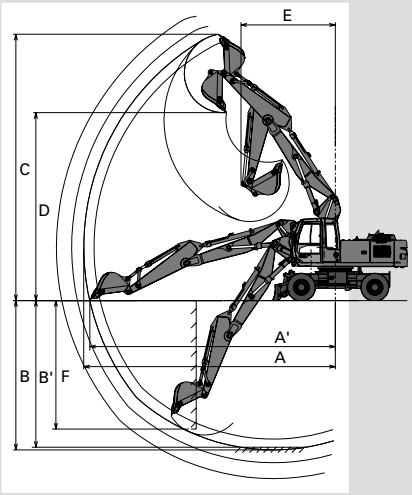
ZAXIS210W WITH MONOBLOCK BOOM



Unit: mm

Arm length	2.03 m	2.42 m	2.91 m	3.51 m
A Max. digging reach	9 460	9 660	10 150	10 690
A' Max. digging reach (on ground)	9 240	9 440	9 950	10 500
B Max. digging depth	5 540	5 930	6 420	7 020
B' Max. digging depth (8' level)	5 320	5 700	6 230	6 860
C Max. cutting height	9 730	9 490	9 850	10 100
D Max. dumping height	6 860	6 710	7 040	7 290
E Min. swing radius	3 850	3 770	3 770	3 800
F Max. vertical wall	4 950	5 110	5 800	6 440
Bucket digging force* ISO	151 kN (15 400 kgf)	151 kN (15 400 kgf)	151 kN (15 400 kgf)	151 kN (15 400 kgf)
Bucket digging force* SAE : PCSA	129 kN (13 200 kgf)	129 kN (13 200 kgf)	129 kN (13 200 kgf)	129 kN (13 200 kgf)
Arm digging force* ISO	144 kN (14 700 kgf)	133 kN (13 600 kgf)	109 kN (11 100 kgf)	95 kN (9 690 kgf)
Arm digging force* SAE : PCSA	138 kN (14 100 kgf)	127 kN (13 000 kgf)	102 kN (10 400 kgf)	92 kN (9 400 kgf)

ZAXIS210W WITH 2-PIECE BOOM



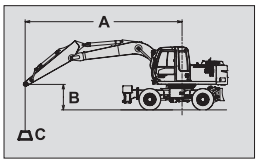
Unit: mm

Arm length	2.02 m	2.41 m	2.91 m	3.51 m
A Max. digging reach	9 030	9 420	9 870	10 440
A' Max. digging reach (on ground)	8 800	9 190	9 660	10 240
B Max. digging depth	5 180	5 580	6 070	6 660
B' Max. digging depth (8' level)	5 080	5 490	5 980	6 580
C Max. cutting height	9 710	9 970	10 260	10 650
D Max. dumping height	6 800	7 050	7 350	7 740
E Min. swing radius	3 700	3 540	3 610	3 660
F Max. vertical wall	4 450	4 810	5 330	5 940
Bucket digging force* ISO	151 kN (15 400 kgf)	151 kN (15 400 kgf)	151 kN (15 400 kgf)	151 kN (15 400 kgf)
Bucket digging force* SAE : PCSA	129 kN (13 200 kgf)	129 kN (13 200 kgf)	129 kN (13 200 kgf)	129 kN (13 200 kgf)
Arm digging force* ISO	143 kN (14 600 kgf)	123 kN (12 600 kgf)	109 kN (11 100 kgf)	95 kN (9 690 kgf)
Arm digging force* SAE : PCSA	137 kN (14 000 kgf)	123 kN (12 600 kgf)	102 kN (10 400 kgf)	92 kN (9 400 kgf)

*At power boost.

Metric measure

Notes:
1. Ratings are based on SAE J1097.
2. Lifting capacity of the ZAXIS Series does not exceed 75% of tipping load with the machine on firm, level ground or 87% full hydraulic capacity.
3. The load point is 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

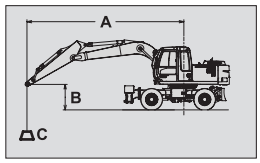
ZAXIS210W WITH MONOBLOCK BOOM, 2.91 M ARM, STANDARD GAUGE

Rating over-side or 360 degrees Rating over-front Unit: 1 000 kg

	Stabilization	Load radius										At max. reach		
		3 m		4 m		5 m		6 m		7 m				
														meter
6 m	Rear blade up							4.5	3.3	3.5	2.6	3.0	2.2	7.66
	Rear blade down							*4.7	3.7	*4.7	2.9	*4.0	2.5	
	Rear outrigger down							*4.7	4.4	*4.7	3.4	*4.0	2.9	
	Front outrigger and rear blade down							*4.7	*4.7	*4.7	4.2	*4.0	3.6	
	Front blade and rear outrigger down							*4.7	*4.7	*4.7	4.4	*4.0	3.8	
	4 outrigger down							*4.7	*4.7	*4.7	*4.7	*4.0	*4.0	
5 m	Rear blade up							4.4	3.2	3.4	2.5	2.7	1.9	8.13
	Rear blade down							*5.1	3.6	*4.9	2.8	*4.0	2.2	
	Rear outrigger down							*5.1	4.3	*4.9	3.3	*4.0	2.6	
	Front outrigger and rear blade down							*5.1	*5.1	*4.9	4.2	*4.0	3.3	
	Front blade and rear outrigger down							*5.1	*5.1	*4.9	4.3	*4.0	3.4	
	4 outrigger down							*5.1	*5.1	*4.9	*4.9	*4.0	3.9	
4 m	Rear blade up	*10.6	8.5	7.7	5.6	5.6	4.1	4.2	3.1	3.3	2.4	2.5	1.8	8.45
	Rear blade down	*10.6	9.8	*7.7	6.4	*6.4	4.6	*5.7	3.5	*5.3	2.8	*4.0	2.0	
	Rear outrigger down	*10.6	*10.6	*7.7	7.6	*6.4	5.4	*5.7	4.1	*5.3	3.2	*4.0	2.4	
	Front outrigger and rear blade down	*10.6	*10.6	*7.7	*7.7	*6.4	*6.4	*5.7	5.2	*5.3	4.1	*4.0	3.0	
	Front blade and rear outrigger down	*10.6	*10.6	*7.7	*7.7	*6.4	*6.4	*5.7	5.4	*5.3	4.2	*4.0	3.1	
	4 outrigger down	*10.6	*10.6	*7.7	*7.7	*6.4	*6.4	*5.7	*5.7	*5.3	4.9	*4.0	3.7	
3 m	Rear blade up			7.4	5.1	5.3	3.8	4.1	2.9	3.2	2.3	2.3	1.7	8.63
	Rear blade down			*9.8	5.8	*7.5	4.3	*6.4	3.3	*5.7	2.7	*4.1	1.9	
	Rear outrigger down			*9.8	7.0	*7.5	5.1	*6.4	3.9	*5.7	3.1	*4.1	2.3	
	Front outrigger and rear blade down			*9.8	9.1	*7.5	6.5	*6.4	5.0	*5.7	4.0	*4.1	2.9	
	Front blade and rear outrigger down			*9.8	9.5	*7.5	6.8	*6.4	5.2	*5.7	4.1	*4.1	3.0	
	4 outrigger down			*9.8	*9.8	*7.5	*7.5	*6.4	6.1	*5.7	4.8	*4.1	3.5	
2 m	Rear blade up			6.9	4.7	5.0	3.6	3.9	2.8	3.1	2.2	2.3	1.6	8.69
	Rear blade down			*10.8	5.4	*8.6	4.1	*7.0	3.2	*6.1	2.6	*4.3	1.8	
	Rear outrigger down			*10.8	6.6	*8.6	4.9	*7.0	3.8	5.8	3.0	4.2	2.2	
	Front outrigger and rear blade down			*10.8	8.7	*8.6	6.3	*7.0	4.8	*6.1	3.9	*4.3	2.8	
	Front blade and rear outrigger down			*10.8	9.1	*8.6	6.5	*7.0	5.0	*6.1	4.0	*4.3	2.9	
	4 outrigger down			*10.8	*10.8	*8.6	7.8	*7.0	5.9	*6.1	4.7	*4.3	3.4	
1 m	Rear blade up			6.6	4.5	4.9	3.4	3.8	2.7	3.0	2.2	2.3	1.6	8.64
	Rear blade down			*8.9	5.2	*9.4	3.9	*7.6	3.0	6.5	2.5	*4.6	1.8	
	Rear outrigger down			*8.9	6.3	*9.4	4.7	7.3	3.7	5.7	3.0	4.2	2.2	
	Front outrigger and rear blade down			*8.9	8.4	*9.4	6.1	*7.6	4.7	*6.5	3.8	*4.6	2.8	
	Front blade and rear outrigger down			*8.9	8.8	*9.4	6.3	*7.6	4.9	6.4	3.9	*4.6	2.9	
	4 outrigger down			*8.9	*8.9	*9.4	7.5	*7.6	5.8	*6.5	4.6	*4.6	3.4	
0 m	Rear blade up	*4.2	*4.2	6.5	4.4	4.7	3.3	3.7	2.6	3.0	2.1	2.3	1.6	8.45
	Rear blade down	*4.2	*4.2	*10.0	5.1	*9.9	3.8	*8.0	3.0	6.4	2.4	4.8	1.9	
	Rear outrigger down	*4.2	*4.2	*10.0	6.2	9.7	4.6	7.2	3.6	5.7	2.9	4.3	2.2	
	Front outrigger and rear blade down	*4.2	*4.2	*10.0	8.3	*9.9	5.9	*8.0	4.6	*6.8	3.7	*5.0	2.9	
	Front blade and rear outrigger down	*4.2	*4.2	*10.0	8.7	*9.9	6.2	*8.0	4.8	6.3	3.9	4.8	3.0	
	4 outrigger down	*4.2	*4.2	*10.0	*10.0	*9.9	7.4	*8.0	5.7	6.5	4.5	4.9	3.5	
-1 m	Rear blade up	*7.1	6.7	6.5	4.4	4.7	3.2	3.6	2.5	2.9	2.1	2.4	1.7	8.14
	Rear blade down	*7.1	*7.1	*12.6	5.1	*10.1	3.7	8.1	2.9	6.4	2.4	5.1	2.0	
	Rear outrigger down	*7.1	*7.1	*12.6	6.2	9.6	4.5	7.1	3.5	5.6	2.9	4.5	2.3	
	Front outrigger and rear blade down	*7.1	*7.1	*12.6	8.3	*10.1	5.9	*8.2	4.5	*6.9	3.7	*5.6	3.0	
	Front blade and rear outrigger down	*7.1	*7.1	*12.6	8.6	*10.1	6.1	8.0	4.7	6.3	3.8	5.1	3.1	
	4 outrigger downer down	*7.1	*7.1	*12.6	10.6	*10.1	7.3	8.2	5.6	6.5	4.5	5.2	3.7	
-2 m	Rear blade up	*10.4	6.8	6.5	4.4	4.7	3.2	3.6	2.5	2.9	2.1	2.6	1.9	7.67
	Rear blade down	*10.4	8.0	*12.5	5.1	*9.9	3.7	*8.1	2.9	6.4	2.4	5.6	2.1	
	Rear outrigger down	*10.4	10.0	12.5	6.2	9.6	4.5	7.1	3.5	5.6	2.9	4.9	2.5	
	Front outrigger and rear blade down	*10.4	*10.4	*12.5	8.3	*9.9	5.9	*8.1	4.5	*6.8	3.7	*6.0	3.3	
	Front blade and rear outrigger down	*10.4	*10.4	*12.5	8.7	*9.9	6.1	7.9	4.7	6.3	3.8	5.5	3.4	
	4 outrigger down	*10.4	*10.4	*12.5	10.6	*9.9	7.3	*8.1	5.6	6.5	4.5	5.7	4.0	
-3 m	Rear blade up	10.8	6.9	6.6	4.5	4.7	3.3	3.7	2.6	3.0	2.1	3.0	2.1	7.02
	Rear blade down	*14.5	8.1	*11.7	5.2	*9.4	3.8	*7.7	2.9	*6.2	2.4	*6.2	2.4	
	Rear outrigger down	*14.5	10.1	*11.7	6.3	*9.4	4.6	7.1	3.5	5.7	2.9	5.7	2.9	
	Front outrigger and rear blade down	*14.5	14.0	*11.7	8.4	*9.4	5.9	*7.7	4.6	*6.2	3.7	*6.2	3.7	
	Front blade and rear outrigger down	*14.5	*14.5	*11.7	8.8	*9.4	6.2	*7.7	4.8	*6.2	3.9	*6.2	3.9	
	4 outrigger down	*14.5	*14.5	*11.7	10.7	*9.4	7.4	*7.7	5.6	*6.2	4.6	*6.2	4.6	

Metric measure

Notes:
1. Ratings are based on SAE J1097.
2. Lifting capacity of the ZAXIS Series does not exceed 75% of tipping load with the machine on firm, level ground or 87% full hydraulic capacity.
3. The load point is 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

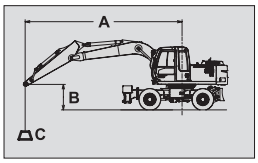
ZAXIS210W WITH MONOBLOCK BOOM, 2.91 M ARM, WIDE GAUGE

Rating over-side or 360 degrees Rating over-front Unit: 1000 kg

	Stabilization	Load radius										At max. reach		
		3 m		4 m		5 m		6 m		7 m				
														meter
6 m	Rear blade up							4.5	3.7	3.5	2.8	3.0	2.4	7.66
	Rear blade down							*4.7	4.1	*4.7	3.2	*4.0	2.7	
	Rear outrigger down							*4.7	4.6	*4.7	3.6	*4.0	3.0	
	Front outrigger and rear blade down							*4.7	*4.7	*4.7	4.5	*4.0	3.9	
	Front blade and rear outrigger down							*4.7	*4.7	*4.7	4.6	*4.0	3.9	
	4 outrigger down							*4.7	*4.7	*4.7	*4.7	*4.0	*4.0	
5 m	Rear blade up							4.4	3.6	3.4	2.8	2.7	2.1	8.13
	Rear blade down							*5.1	4.0	*4.9	3.1	*4.0	2.4	
	Rear outrigger down							*5.1	4.5	*4.9	3.5	*4.0	2.7	
	Front outrigger and rear blade down							*5.1	*5.1	*4.9	4.4	*4.0	3.5	
	Front blade and rear outrigger down							*5.1	*5.1	*4.9	4.5	*4.0	3.6	
	4 outrigger down							*5.1	*5.1	*4.9	*4.9	*4.0	3.9	
4 m	Rear blade up	*10.6	9.5	*7.7	6.2	5.6	4.5	4.2	3.4	3.3	2.7	2.5	2.0	8.45
	Rear blade down	*10.6	*10.6	*7.7	7.1	*6.4	5.1	*5.7	3.9	*5.3	3.1	*4.0	2.2	
	Rear outrigger down	*10.6	*10.6	*7.7	*7.7	*6.4	5.7	*5.7	4.3	*5.3	3.4	*4.0	2.5	
	Front outrigger and rear blade down	*10.6	*10.6	*7.7	*7.7	*6.4	*6.4	*5.7	5.5	*5.3	4.4	*4.0	3.2	
	Front blade and rear outrigger down	*10.6	*10.6	*7.7	*7.7	*6.4	*6.4	*5.7	5.6	*5.3	4.5	*4.0	3.3	
	4 outrigger down	*10.6	*10.6	*7.7	*7.7	*6.4	*6.4	*5.7	*5.7	*5.3	4.9	*4.0	3.7	
3 m	Rear blade up			7.4	5.7	5.3	4.2	4.1	3.3	3.2	2.6	2.3	1.9	8.63
	Rear blade down			*9.8	6.6	*7.5	4.8	*6.4	3.7	*5.7	3.0	*4.1	2.1	
	Rear outrigger down			*9.8	7.5	*7.5	5.4	*6.4	4.2	*5.7	3.3	*4.1	2.4	
	Front outrigger and rear blade down			*9.8	*9.8	*7.5	7.0	*6.4	5.3	*5.7	4.3	*4.1	3.1	
	Front blade and rear outrigger down			*9.8	*9.8	*7.5	7.2	*6.4	5.5	*5.7	4.3	*4.1	3.2	
	4 outrigger down			*9.8	*9.8	*7.5	*7.5	*6.4	6.1	*5.7	4.8	*4.1	3.5	
2 m	Rear blade up			6.9	5.3	5.0	4.0	3.9	3.1	3.1	2.5	2.3	1.8	8.69
	Rear blade down			*10.8	6.1	*8.6	4.5	*7.0	3.5	*6.1	2.9	*4.3	2.1	
	Rear outrigger down			*10.8	7.0	*8.6	5.2	*7.0	4.0	5.8	3.2	4.2	2.3	
	Front outrigger and rear blade down			*10.8	9.4	*8.6	6.7	*7.0	5.2	*6.1	4.1	*4.3	3.0	
	Front blade and rear outrigger down			*10.8	9.7	*8.6	6.9	*7.0	5.3	*6.1	4.2	*4.3	3.1	
	4 outrigger down			*10.8	*10.8	*8.6	7.8	*7.0	5.9	*6.1	4.7	*4.3	3.4	
1 m	Rear blade up			6.6	5.0	4.9	3.8	3.8	3.0	3.1	2.4	2.3	1.8	8.64
	Rear blade down			*8.9	5.9	*9.4	4.4	*7.6	3.4	*6.5	2.8	*4.6	2.0	
	Rear outrigger down			*8.9	6.8	*9.4	5.0	7.3	3.9	5.7	3.1	4.2	2.3	
	Front outrigger and rear blade down			*8.9	*8.9	*9.	6.5	*7.6	5.0	*6.5	4.1	*4.6	3.0	
	Front blade and rear outrigger down			*8.9	*8.9	*9.4	6.7	*7.6	5.2	6.4	4.1	*4.6	3.1	
	4 outrigger down			*8.9	*8.9	*9.4	7.5	*7.6	5.8	*6.5	4.6	*4.6	3.4	
0 m	Rear blade up	*4.2	*4.2	6.5	5.0	4.7	3.7	3.7	2.9	3.0	2.4	2.3	1.8	8.45
	Rear blade down	*4.2	*4.2	*10.0	5.8	*9.9	4.2	*8.0	3.3	*6.8	2.7	*5.0	2.1	
	Rear outrigger down	*4.2	*4.2	*10.0	6.7	9.7	4.8	7.2	3.8	5.7	3.1	4.3	2.4	
	Front outrigger and rear blade down	*4.2	*4.2	*10.0	9.0	*9.9	6.4	*8.0	4.9	*6.8	4.0	*5.0	3.1	
	Front blade and rear outrigger down	*4.2	*4.2	*10.0	9.3	*9.9	6.6	*8.0	5.1	6.4	4.1	4.8	3.1	
	4 outrigger down	*4.2	*4.2	*10.0	*10.0	*9.9	7.4	*8.0	5.7	6.5	4.6	4.9	3.5	
-1 m	Rear blade up	*7.1	*7.1	6.5	4.9	4.7	3.6	3.6	2.8	3.0	2.3	2.4	1.9	8.14
	Rear blade down	*7.1	*7.1	*12.6	5.8	*10.1	4.2	*8.2	3.3	6.8	2.7	5.4	2.2	
	Rear outrigger down	*7.1	*7.1	*12.6	6.6	9.6	4.8	7.1	3.7	5.6	3.0	4.5	2.5	
	Front outrigger and rear blade down	*7.1	*7.1	*12.6	9.0	*10.1	6.3	*8.2	4.9	*6.9	3.9	*5.6	3.2	
	Front blade and rear outrigger down	*7.1	*7.1	*12.6	9.2	*10.1	6.5	8.0	5.0	6.3	4.0	5.1	3.3	
	4 outrigger downer down	*7.1	*7.1	*12.6	10.6	*10.1	7.4	8.2	5.6	6.5	4.5	5.2	3.7	
-2 m	Rear blade up	*10.4	7.7	6.5	5.0	4.7	3.6	3.6	2.8	3.0	2.3	2.6	2.1	7.67
	Rear blade down	*10.4	9.2	*12.5	5.8	*9.9	4.2	*8.1	3.3	*6.	2.7	5.9	2.4	
	Rear outrigger down	*10.4	*10.4	*12.5	6.7	9.6	4.8	7.1	3.7	5.6	3.0	4.9	2.7	
	Front outrigger and rear blade down	*10.4	*10.4	*12.5	9.0	*9.9	6.3	*8.1	4.9	*6.8	3.9	*6.0	3.5	
	Front blade and rear outrigger down	*10.4	*10.4	*12.5	9.3	*9.9	6.5	8.0	5.0	6.3	4.0	5.5	3.6	
	4 outrigger down	*10.4	*10.4	*12.5	10.6	*9.9	7.4	*8.1	5.6	6.5	4.5	5.7	4.0	
-3 m	Rear blade up	10.8	7.9	6.6	5.0	4.7	3.7	3.7	2.9	3.0	2.4	3.0	2.4	7.02
	Rear blade down	*14.5	9.3	*11.7	5.9	*9.4	4.2	*7.7	3.3	*6.2	2.7	*6.2	2.7	
	Rear outrigger down	*14.5	10.9	*11.7	6.8	*9.4	4.8	7.2	3.8	5.7	3.1	5.7	3.1	
	Front outrigger and rear blade down	*14.5	*14.5	*11.7	9.1	*9.4	6.4	*7.7	4.9	*6.2	4.0	*6.2	4.0	
	Front blade and rear outrigger down	*14.5	*14.5	*11.7	9.4	*9.4	6.6	*7.7	5.0	*6.2	4.1	*6.2	4.1	
	4 outrigger down	*14.5	*14.5	*11.7	10.7	*9.4	7.4	*7.7	5.7	*6.2	4.6	*6.2	4.6	

Metric measure

Notes:
1. Ratings are based on SAE J1097.
2. Lifting capacity of the ZAXIS Series does not exceed 75% of tipping load with the machine on firm, level ground or 87% full hydraulic capacity.
3. The load point is 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

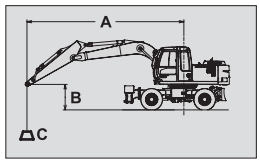
ZAXIS210W WITH 2-PIECE BOOM, 2.41 M ARM, STANDARD GAUGE

Rating over-side or 360 degrees Rating over-front Unit: 1 000 kg

	Stabilization	Load radius										At max. reach		
		3 m		4 m		5 m		6 m		7 m				
														meter
6 m	Rear blade up					*4.2	*4.2	4.5	3.3			3.5	2.5	6.79
	Rear blade down					*4.2	*4.2	*4.6	3.7			*4.4	2.9	
	Rear outrigger down					*4.2	*4.2	*4.6	4.3			*4.4	3.4	
	Front outrigger and rear blade down					*4.2	*4.2	*4.6	*4.6			*4.4	4.3	
	Front blade and rear outrigger down					*4.2	*4.2	*4.6	*4.6			*4.4	*4.4	
	4 outrigger down					*4.2	*4.2	*4.6	*4.6			*4.4	*4.4	
5 m	Rear blade up					*4.8	4.3	4.4	3.3	3.4	2.4	3.1	2.2	7.32
	Rear blade down					*4.8	*4.8	*4.8	3.7	*5.0	2.8	*4.2	2.5	
	Rear outrigger down					*4.8	*4.8	*4.8	4.3	*5.0	3.3	*4.2	3.0	
	Front outrigger and rear blade down					*4.8	*4.8	*4.8	*4.8	*5.0	4.1	*4.2	3.8	
	Front blade and rear outrigger down					*4.8	*4.8	*4.8	*4.8	*5.0	4.3	*4.2	3.9	
	4 outrigger down					*4.8	*4.8	*4.8	*4.8	*5.0	5.0	*4.2	*4.2	
4 m	Rear blade up			*6.7	5.7	*5.6	4.2	4.4	3.3	3.4	2.5	2.8	2.0	7.67
	Rear blade down			*6.7	6.4	*5.8	4.7	*5.4	3.6	*5.3	2.8	*4.2	2.3	
	Rear outrigger down			*6.7	6.7	*5.8	5.5	*5.4	4.2	*5.3	3.3	*4.2	2.7	
	Front outrigger and rear blade down			*6.7	6.7	*5.8	*5.8	*5.4	5.2	*5.3	4.2	*4.2	3.5	
	Front blade and rear outrigger down			*6.7	6.7	*5.8	*5.8	*5.4	*5.4	*5.3	4.3	*4.2	3.6	
	4 outrigger down			*6.7	6.7	*5.8	*5.8	*5.4	*5.4	*5.3	5.0	*4.2	*4.2	
3 m	Rear blade up			*7.6	5.5	5.5	4.1	4.3	3.2	3.4	2.4	2.6	1.8	7.88
	Rear blade down			*8.9	6.2	*7.0	4.6	*6.1	*3.6	*5.7	2.8	*4.2	2.1	
	Rear outrigger down			*8.9	7.3	*7.0	5.3	*6.1	4.2	*5.7	3.3	*4.2	2.5	
	Front outrigger and rear blade down			*8.9	8.9	*7.0	6.6	*6.1	5.1	*5.7	4.1	*4.2	3.3	
	Front blade and rear outrigger down			*8.9	8.9	*7.0	6.9	*6.1	5.3	*5.7	4.3	*4.2	3.4	
	4 outrigger down			*8.9	8.9	*7.0	*7.0	*6.1	*6.1	*5.7	4.9	*4.2	4.0	
2 m	Rear blade up	*9.3	8.1	7.5	5.4	5.5	*4.1	4.3	3.3	3.3	2.4	2.5	1.8	7.95
	Rear blade down	*9.3	9.2	*10.5	6.1	*8.2	4.5	*6.9	3.6	*6.2	2.7	*4.3	2.0	
	Rear outrigger down	*9.3	*9.3	*10.5	7.2	*8.2	5.3	*6.9	4.2	5.9	3.2	*4.3	2.5	
	Front outrigger and rear blade down	*9.3	*9.3	*10.5	9.0	*8.2	6.5	*6.9	5.1	*6.2	4.1	*4.3	3.2	
	Front blade and rear outrigger down	*9.3	*9.3	*10.5	9.4	*8.2	6.8	*6.9	5.3	*6.2	4.2	*4.3	3.3	
	4 outrigger down	*9.3	*9.3	*10.5	10.5	*8.2	7.9	*6.9	6.1	*6.2	4.9	*4.3	3.9	
1 m	Rear blade up	*11.8	*8.1	*7.5	5.4	5.5	4.1	4.	3.2	3.2	2.3	2.5	1.8	7.88
	Rear blade down	*12.5	9.3	*12.2	6.1	*9.3	4.6	*7.	3.6	6.6	2.6	*4.4	2.0	
	Rear outrigger down	*12.5	11.2	*12.2	7.2	*9.3	5.3	*7.4	4.2	6.0	3.1	*4.4	2.5	
	Front outrigger and rear blade down	*12.5	*12.5	*12.2	9.1	*9.3	6.5	*7.6	5.2	6.7	4.0	*4.4	3.2	
	Front blade and rear outrigger down	*12.5	*12.5	*12.2	9.4	*9.3	6.8	*7.6	5.3	6.5	4.1	*4.4	3.3	
	4 outrigger down	*12.5	*12.5	*12.2	11.1	*9.3	7.9	*7.6	6.1	*6.6	4.9	*4.4	3.9	
0 m	Rear blade up	*12.0	8.0	7.6	5.4	5.6	4.0	4.2	3.0	3.1	2.2	2.6	1.8	7.68
	Rear blade down	*15.3	9.3	*13.4	6.2	*10.2	4.5	*8.3	3.4	6.7	2.5	*4.7	2.1	
	Rear outrigger down	*15.3	11.3	*13.4	7.3	9.9	5.4	7.5	4.0	5.9	3.0	*4.7	2.5	
	Front outrigger and rear blade down	*15.3	14.8	*13.4	9.2	*10.2	6.6	*8.3	5.1	*7.1	3.9	*4.7	3.3	
	Front blade and rear outrigger down	*15.3	*15.3	*13.4	9.5	*10.2	6.9	8.1	5.3	6.6	4.0	*4.7	3.4	
	4 outrigger down	*15.3	*15.3	*13.4	11.2	*10.2	7.9	*8.3	*6.2	6.7	4.7	*4.7	4.0	
-1 m	Rear blade up	12.0	7.8	7.6	5.2	5.4	3.9	4.0	2.8	3.0	2.1	2.8	1.9	7.32
	Rear blade down	*18.0	9.1	*13.9	6.0	*10.7	4.4	8.4	3.2	6.6	2.4	*5.2	2.2	
	Rear outrigger down	*18.0	11.3	*13.9	7.2	*10.0	5.2	7.7	3.9	5.8	2.9	*5.2	2.7	
	Front outrigger and rear blade down	*18.0	*15.1	*13.9	9.4	*10.7	6.7	*8.7	4.9	*7.5	3.8	*5.2	3.5	
	Front blade and rear outrigger down	*18.0	15.7	*13.9	9.7	*10.7	7.0	8.3	5.1	6.5	3.9	*5.2	3.6	
	4 outrigger downer down	*18.0	*18.0	*13.9	11.4	*10.7	8.2	*8.4	6.1	6.6	4.6	*5.2	4.3	
-2 m	Rear blade up	11.9	7.7	7.5	5.1	5.2	3.7	3.8	2.7			3.1	2.2	6.80
	Rear blade down	*19.9	9.0	*14.1	5.9	*10.9	4.2	8.6	3.1			*6.0	2.5	
	Rear outrigger down	*19.9	11.2	*14.1	7.1	10.3	5.0	*7.5	3.7			*6.0	3.0	
	Front outrigger and rear blade down	*19.9	15.2	*14.1	9.3	*10.9	6.5	*9.0	4.8			*6.0	3.9	
	Front blade and rear outrigger down	*19.9	16.1	*14.1	9.7	*10.9	6.8	8.3	5.0			*6.0	4.1	
	4 outrigger down	*19.9	19.5	*14.1	11.8	*10.9	8.0	8.5	5.9			*6.0	4.8	
-3 m	Rear blade up	12.1	7.8	7.3	5.0	5.1	3.5					3.9	2.7	5.87
	Rear blade down	*20.3	9.1	*14.5	5.7	*11.3	4.0					*7.8	3.1	
	Rear outrigger down	*20.3	11.3	*14.5	7.0	10.3	4.9					7.7	3.8	
	Front outrigger and rear blade down	*20.3	15.4	*14.5	9.1	*11.3	6.3					*7.8	4.9	
	Front blade and rear outrigger down	*20.3	16.2	*14.5	9.5	*11.3	6.6					*7.8	5.1	
	4 outrigger down	*20.3	*20.1	*14.5	11.6	*11.3	7.8					*7.8	6.0	

Metric measure

Notes:
1. Ratings are based on SAE J1097.
2. Lifting capacity of the ZAXIS Series does not exceed 75% of tipping load with the machine on firm, level ground or 87% full hydraulic capacity.
3. The load point is 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

ZAXIS210W WITH 2-PIECE BOOM, 2.41 M ARM, WIDE GAUGE

Rating over-side or 360 degrees Rating over-front Unit: 1000 kg

	Stabilization	Load radius										At max. reach		
		3 m		4 m		5 m		6 m		7 m				
														meter
6 m	Rear blade up					*4.2	*4.2	4.5	3.7			3.5	2.8	6.79
	Rear blade down					*4.2	*4.2	*4.6	4.1			*4.4	3.2	
	Rear outrigger down					*4.2	*4.2	*4.6	4.5			*4.4	3.6	
	Front outrigger and rear blade down					*4.2	*4.2	*4.6	*4.6			*4.4	*4.4	
	Front blade and rear outrigger down					*4.2	*4.2	*4.6	*4.6			*4.4	*4.4	
	4 outrigger down					*4.2	*4.2	*4.6	*4.6			*4.4	*4.4	
5 m	Rear blade up					*4.8	4.7	4.4	3.6	3.4	2.7	3.1	2.4	7.32
	Rear blade down					*4.8	*4.8	*4.8	4.1	*5.0	3.1	*4.2	2.8	
	Rear outrigger down					*4.8	*4.8	*4.8	4.5	*5.0	3.5	*4.2	3.1	
	Front outrigger and rear blade down					*4.8	*4.8	*4.8	*4.8	*5.0	4.4	*4.2	4.0	
	Front blade and rear outrigger down					*4.8	*4.8	*4.8	*4.8	*5.0	4.5	*4.2	4.1	
	4 outrigger down					*4.8	*4.8	*4.8	*4.8	*5.0	*5.0	*4.2	*4.2	
4 m	Rear blade up			*6.7	6.3	5.6	4.6	4.4	3.6	3.4	2.7	2.8	2.2	7.67
	Rear blade down			*6.7	*6.7	*5.8	5.2	*5.4	*4.0	*5.3	3.1	*4.2	2.5	
	Rear outrigger down			*6.7	*6.7	*5.8	5.7	*5.4	4.4	*5.3	3.5	*4.2	2.9	
	Front outrigger and rear blade down			*6.7	*6.7	*5.8	*5.8	*5.4	*5.4	*5.3	4.4	*4.2	3.7	
	Front blade and rear outrigger down			*6.7	*6.7	*5.8	*5.8	*5.4	*5.4	*5.3	4.5	*4.2	3.8	
	4 outrigger down			*6.7	*6.7	*5.8	*5.8	*5.4	*5.4	*5.3	5.0	*4.2	*4.2	
3 m	Rear blade up			7.6	6.1	5.5	4.5	*4.3	3.5	3.4	2.7	2.6	2.1	7.88
	Rear blade down			*8.9	*6.9	*7.0	5.0	*6.1	4.0	*5.7	3.1	*4.2	2.4	
	Rear outrigger down			*8.9	7.7	*7.0	5.6	*6.1	4.4	*5.7	3.5	*4.2	2.7	
	Front outrigger and rear blade down			*8.9	*8.9	*7.0	*7.0	*6.1	5.4	*5.7	4.4	*4.2	3.5	
	Front blade and rear outrigger down			*8.9	*8.9	*7.0	*7.0	*6.1	5.6	*5.7	4.5	*4.2	3.6	
	4 outrigger down			*8.9	*8.9	*7.0	*7.0	*6.1	*6.1	*5.7	4.9	*4.2	4.0	
2 m	Rear blade up	*9.3	9.0	*7.5	6.0	5.5	4.5	4.3	3.6	3.3	2.6	2.5	2.0	7.95
	Rear blade down	*9.3	*9.3	*10.5	6.8	*8.2	5.0	*6.9	*3.9	*6.2	3.0	*4.3	2.3	
	Rear outrigger down	*9.3	*9.3	*10.5	*7.6	*8.2	5.6	*6.9	4.4	5.9	3.4	*4.3	2.6	
	Front outrigger and rear blade down	*9.3	*9.3	*10.5	*9.7	*8.2	*7.0	*6.9	5.4	*6.2	4.4	*4.3	3.4	
	Front blade and rear outrigger down	*9.3	*9.3	*10.5	*9.9	*8.2	7.1	*6.9	5.5	*6.2	4.5	*4.3	3.5	
	4 outrigger down	*9.3	*9.3	*10.5	*10.5	*8.2	*7.9	*6.9	*6.1	*6.2	5.0	*4.3	3.9	
1 m	Rear blade up	11.8	9.0	*7.5	6.0	5.5	4.5	4.4	3.5	3.2	2.6	2.5	2.0	7.88
	Rear blade down	*12.5	10.4	*12.2	6.8	*9.3	5.0	*7.6	4.0	*6.7	2.9	*4.4	2.3	
	Rear outrigger down	*12.5	11.9	*12.2	*7.6	*9.3	*5.6	7.4	4.5	*6.0	3.3	*4.4	2.6	
	Front outrigger and rear blade down	*12.5	*12.5	*12.2	9.7	*9.3	7.0	*7.6	5.4	*6.7	4.3	*4.4	3.4	
	Front blade and rear outrigger down	*12.5	*12.5	*12.2	9.9	*9.3	7.1	*7.6	5.6	6.5	4.4	*4.4	3.5	
	4 outrigger down	*12.5	*12.5	*12.2	11.1	*9.3	7.9	*7.6	*6.1	6.7	4.9	*4.4	3.9	
0 m	Rear blade up	12.0	9.1	7.6	6.0	5.6	4.4	4.2	3.3	3.1	2.5	2.6	2.0	7.68
	Rear blade down	*15.3	*10.6	*13.4	6.9	*10.2	5.0	*8.3	3.8	*7.0	2.8	*4.7	2.4	
	Rear outrigger down	*15.3	12.1	*13.4	7.7	*9.9	5.7	7.5	4.3	5.9	3.2	*4.7	2.7	
	Front outrigger and rear blade down	*15.3	*15.3	*13.4	9.8	*10.2	7.1	*8.3	5.5	*7.1	4.2	*4.7	3.5	
	Front blade and rear outrigger down	*15.3	*15.3	*13.4	10.0	*10.2	7.2	8.2	5.6	6.6	4.3	*4.7	3.6	
	4 outrigger down	*15.3	*15.3	*13.4	*11.2	*10.2	*7.9	*8.3	6.3	6.7	4.8	*4.7	4.0	
-1 m	Rear blade up	12.0	8.8	7.6	5.8	5.5	4.3	4.0	3.1	3.0	2.4	2.8	2.2	7.32
	Rear blade down	*18.0	10.4	*13.9	6.7	*10.7	4.9	*8.7	3.6	7.0	2.7	*5.2	2.5	
	Rear outrigger down	*18.0	12.1	*13.9	7.7	10.0	5.5	7.7	4.1	5.8	3.1	*5.2	2.9	
	Front outrigger and rear blade down	*18.0	16.3	*13.9	10.0	*10.7	7.2	*8.7	5.3	*7.5	4.1	*5.2	3.8	
	Front blade and rear outrigger down	*18.0	*16.8	*13.9	10.3	*10.7	7.4	*8.3	5.4	6.5	4.2	*5.2	3.8	
	4 outrigger downer down	*18.0	*18.0	*13.9	11.4	*10.7	8.2	8.4	6.1	6.6	4.6	*5.2	4.3	
-2 m	Rear blade up	11.9	8.7	7.5	5.7	5.3	4.1	3.9	3.0			3.1	2.4	6.80
	Rear blade down	*19.9	10.3	*14.1	6.6	*10.9	4.7	*9.0	3.5			*6.0	2.8	
	Rear outrigger down	*19.9	12.0	*14.1	7.6	10.3	5.4	7.5	3.9			*6.0	3.2	
	Front outrigger and rear blade down	*19.9	16.8	*14.1	10.1	*10.9	7.0	*9.0	5.1			*6.0	4.2	
	Front blade and rear outrigger down	*19.9	17.3	*14.1	10.4	*10.9	7.2	8.4	5.3			*6.0	4.3	
	4 outrigger down	*19.9	19.5	*14.1	11.8	*10.9	8.1	8.6	5.9			*6.0	4.8	
-3 m	Rear blade up	12.1	8.9	7.3	5.6	5.1	3.9					3.9	3.1	5.87
	Rear blade down	*20.3	10.4	*14.5	6.5	*11.3	4.5					*7.8	3.5	
	Rear outrigger down	*20.3	12.2	*14.5	7.4	*10.3	5.2					7.7	4.0	
	Front outrigger and rear blade down	*20.3	17.0	*14.5	9.9	*11.3	6.8					*7.8	5.3	
	Front blade and rear outrigger down	*20.3	17.6	*14.5	10.2	*11.3	7.0					*7.8	5.4	
	4 outrigger down	*20.3	*20.1	*14.5	11.6	*11.3	7.9					*7.8	6.1	

Standard Equipment

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

ENGINE
- The engine conforms to the emission of European EC stage
- Turbocharged, intercooled
- The radiator, oil cooler and intercooler are all made of aluminium
- H/P mode control
- E mode control
- 50 A alternator
- Dry-type air filter with evacuator valve (with safety element)
- Cartridge-type engine oil filter
- Cartridge-type fuel filter
- Radiator and oil cooler with dust protective net
- Radiator reserve tank
- Fan guard
- Isolation-mounted engine
- Auto-idle system
- Auto acceleration system

HYDRAULIC SYSTEM
- Power boost
- Work mode selector
- Engine speed sensing system
- E-P control system
- Quick warm-up system for pilot circuit
- Shockless valve in pilot circuit
- Boom-arm anti-drift valve
- Brake valves for travel circuits
- Accumulator in pilot circuit
- Control valve with main relief valve
- Extra port for control valve
- Suction filter
- Full-flow filter
- Pilot filter
- Steering filter
- Outriggers are individually controlled

CABIN
- CRES (Center pillar Reinforced Structure) cabin
- All-weather sound-suppressed steel cabin
- Reinforced, tinted (green color) glass windows
- 4 fluid-filled elastic mounts
- Windows on upper, and lower front and lower left side can be opened
- Intermittent windshield retractable wipers
- Front window washer
- Transparency roof (with roll curtain)
- Adjustable suspension seat with armrests
- Footrest
- Electric double horn
- AM - FM radio with digital clock
- Auto-idle / acceleration selector
- Seat belt
- Drink holder
- Cigar lighter
- Ashtray
- Storage box
- Glove compartment
- Floor mat
- Pilot control shut-off lever
- Engine stop knob
- Information controller
- Auto control air conditioner

MONITOR SYSTEM
- Meters:
  Speedometer, hourmeter and trip-meter, engine coolant temperature gauge, hydraulic brake pressure gauge, fuel gauge
- Warning lamps:
  Alternator charge, brake pressure warning indicator, engine oil pressure, engine overheat, travel motor warning indicator, air filter restriction and minimum fuel level
- Pilot lamps:
  Work light, auto-idle and auto-acceleration, digging mode and attachment mode, engine preheat, turn signals, head light high beam, parking brake, digging brake, axle lock, hazard warning signals, shift lever (N/D/L), clearance light, outrigger/dozer, blade operation
- Alarm buzzers:
  Front attachment operation while parking brake is on, engine oil pressure, engine overheat, and brake pressure

LIGHTS AND SIGNALS
- Two headlights
- Working light
- Combination lamps
- Turn signal lamps
- Brake lamps
- Clearance lamps
- Hazard lamps

UPPER STRUCTURE
- Undercover
- Fuel level float
- Hydraulic oil level gauge
- Rearview mirrors, left and right
- Swing parking brake
- Swing lock

UNDERCARRIAGE
- Parking brake
- Toolbox; left chassis
- Traction type pattern tires (10.00-20-14 PR)
- Tire spacer

FRONT ATTACHMENTS
- HN bushing
- WC thermal spraying
- Reinforced resin thrust plate
- Flanged pin
- Bucket clearance adjust mechanism
- Centralized lubrication system
- Dirt seal on all bucket pins

MISCELLANEOUS
- Standard tool kit
- Lockable machine covers
- Lockable fuel filling cap
- Skid-resistant tapes, plates and handrails
- Travel direction mark on chassis frame

Optional Equipment

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

CABIN
- Full seat screw on the cabin
- Roof guard for cabin
- Upper front guard for cabin
- Low front guard for cabin
- Suspension seat with heater
- Airsuspension seat with heater
- Immobilizer key
- 12 V power source
- Vandal cover for cabin
- Rotating lamp
- OPG top and front guard ISO level 2 compliant cabin

LIGHTS
- Additional cabin roof front light
- Additional cabin roof rear light
- Additional boom light with cover

FRONT ATTACHMENTS
- 2-piece boom
- 2.02 m arm (2-piece boom)
- 2.41 m arm (2-piece boom)
- 2.91 m arm (2-piece boom)
- 3.51 m arm (2-piece boom)
- Monoblock boom
- 2.03 m arm (monoblock boom)
- 2.42 m arm (monoblock boom)
- 2.91 m arm (monoblock boom)
- 3.51 m arm (monoblock boom)
- Other variety buckets
- Reinforced arm

UNDERCARRIAGE
- Rear dozer blade
- Rear outriggers
- Front dozer blade + rear outriggers
- Front outriggers + rear dozer blade
- Front outriggers + rear outriggers
- Right toolbox
- Wide gauge axle
- Wide dozer blade
- Twin tire 11:00-20
- Twin tire 10:00-20
- Single tire 600/40-22.5

ATTACHMENT
- Parts for hammer and crusher
- Hammer and crusher piping
- Assist piping
- Clamshell piping
- Quick coupler piping

OTHERS
- Hose rupture valve (Boom) with overload warning device
- Hose rupture valve (arm)
- Hose rupture valve (positioning)
- Pre-cleaner
- Fuel double filter
- Biodegradable oil
- High-performance full flow filter (with restriction indicator)
- Electric fuel refilling pump
- Large-capacity battery

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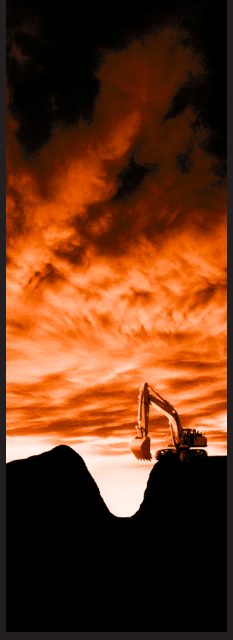

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