



# SPECIFICATIONS

## ENGINE

Latest generation engine, meeting European requirements for "Low exhaust emissions" Tier III in accordance with directive 97/68/EC

Make \_\_\_\_\_ ISUZU  
 Type \_\_\_\_\_ AI-4HK1X  
 Common rail, turbo, intercooler, fuel cooler, EGR (Exhaust Gas Recirculator) \_\_\_\_\_ Yes  
 Direct injection \_\_\_\_\_ Electronically controlled  
 Number of cylinders \_\_\_\_\_ 4  
 Bore - Stroke \_\_\_\_\_ 115 x 125 mm  
 Cubic capacity \_\_\_\_\_ 5193 cc  
 Horsepower EEC80/1269 \_\_\_\_\_ 117 kW @ 1800 rpm  
 Maximum Torque \_\_\_\_\_ 628 Nm @ 1500 rpm

## HYDRAULIC SYSTEM

Max output \_\_\_\_\_ 2 x 211 l/min @ 1800rpm  
 2 axial piston, variable flow pumps \_\_\_\_\_ Yes  
 Attachment/Power Boost \_\_\_\_\_ 343/368 bar  
 Upperstructure swing \_\_\_\_\_ 294 bar  
 Travel \_\_\_\_\_ 343 bar  
 Oil filtration \_\_\_\_\_ 6 micron  
 Type of oil filter \_\_\_\_\_ Synthetic fiber super fine High catch

## SWING

Max upperstructure swing speed \_\_\_\_\_ 11.5 rpm  
 Swing torque \_\_\_\_\_ 6400 daN

## TRAVEL

The travel circuit is equipped with axial piston, variable flow motors  
 Max travel speed \_\_\_\_\_ 5.6 km/h  
 Low travel speed \_\_\_\_\_ 3.4 km/h  
 Speed change is controlled from the instrument panel  
 Automatic downshifting \_\_\_\_\_ yes  
 Gradeability \_\_\_\_\_ 70% (35°)  
 Tractive force \_\_\_\_\_ 1892 daN

## ELECTRICAL SYSTEM

Circuit \_\_\_\_\_ 24 V  
 Batteries \_\_\_\_\_ 2 x 12 V - 92 A/h  
 Circuit equipped with water-proof connectors \_\_\_\_\_ Yes  
 Alternator \_\_\_\_\_ 24 V - 50 Amp

## UNDERCARRIAGE

Upper rollers \_\_\_\_\_ 2  
 Lower rollers \_\_\_\_\_ 8  
 Number of track pads \_\_\_\_\_ 49  
 Type of shoes \_\_\_\_\_ Triple grouser  
 Track pad width Standard LC/NLC \_\_\_\_\_ 600 mm/500 mm  
 Track guard \_\_\_\_\_ Front and 1 central

## CIRCUIT AND COMPONENT CAPACITIES

Fuel tank LC/NLC \_\_\_\_\_ 410 l/320 l  
 Hydraulic reservoir LC/NLC \_\_\_\_\_ 147 l/127 l  
 Hydraulic system \_\_\_\_\_ 240 l  
 Travel reduction gear (per side) \_\_\_\_\_ 4.5 l  
 Swing reduction gear \_\_\_\_\_ 5 l  
 Engine (including filter change) \_\_\_\_\_ 23.1 l  
 Engine cooling system \_\_\_\_\_ 25.6 l

# BUCKETS

## GENERAL PURPOSE

SAE capacity	l	410	560	700	800	900	1050	1150	1250
Width	mm	600	750	900	1000	1100	1250	1350	1450
Weight	kg	554	600	640	670	700	760	790	820

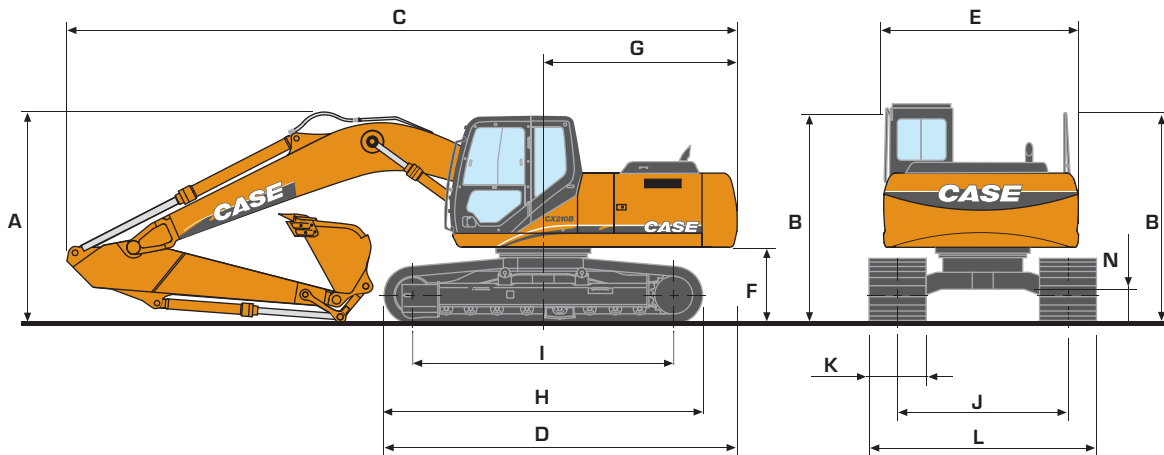
## HEAVY DUTY

SAE capacity	l	900	1050	1150
Width	mm	1100	1250	1350
Weight	kg	740	810	840

\* For other bucket sizes, please contact your CASE dealer

# GENERAL DIMENSIONS

WITH 5.70 m STANDARD MONOBOOM



		CX210B LC MONO			CX210B NLC MONO		
		1.90 m	2.40 m	2.94 m	1.90 m	2.40 m	2.94 m
<b>DIPPER LENGTH</b>							
<b>A</b> Overall height (with attachment)	m	3.09	3.19	2.97	3.20	3.09	2.97
<b>B</b> Height (cab/handrail)	m	2.94/2.96	2.94/2.96	2.94/2.96	2.97/2.99	2.97/2.99	2.97 /2.99
<b>C</b> Overall length (with attachment)	m	9.40	9.48	9.40	9.59	9.59	9.50
<b>D</b> Overall length (without attachment)	m	4.96	4.96	4.96	5.05	5.05	5.05
<b>E</b> Width of upperstructure	m	2.77	2.77	2.77	2.54	2.54	2.54
<b>F</b> Upperstructure ground clearance	m	1.04	1.04	1.04	1.07	1.07	1.07
<b>G</b> Swing radius (rear end)	m	2.72	2.72	2.72	2.83	2.83	2.83
<b>H</b> Track overall length	m	4.47	4.47	4.47	4.47	4.47	4.47
<b>I</b> Centre idler to centre sprocket	m	3.66	3.66	3.66	3.66	3.66	3.66
<b>J</b> Track gauge	m	2.39	2.39	2.39	1.99	1.99	1.99
<b>K</b> Track shoe width standard	mm	600	600	600	500	500	500
<b>L</b> Track overall width - 500mm shoes	m	-	-	-	2.49	2.49	2.49
- 600mm shoes	m	2.99	2.99	2.99	-	-	-
- 700mm shoes	m	3.09	3.09	3.09	-	-	-
- 800mm shoes	m	3.19	3.19	3.19	-	-	-
<b>N</b> Ground clearance	m	0.46	0.46	0.46	0.46	0.46	0.46

## WEIGHT AND GROUND PRESSURE

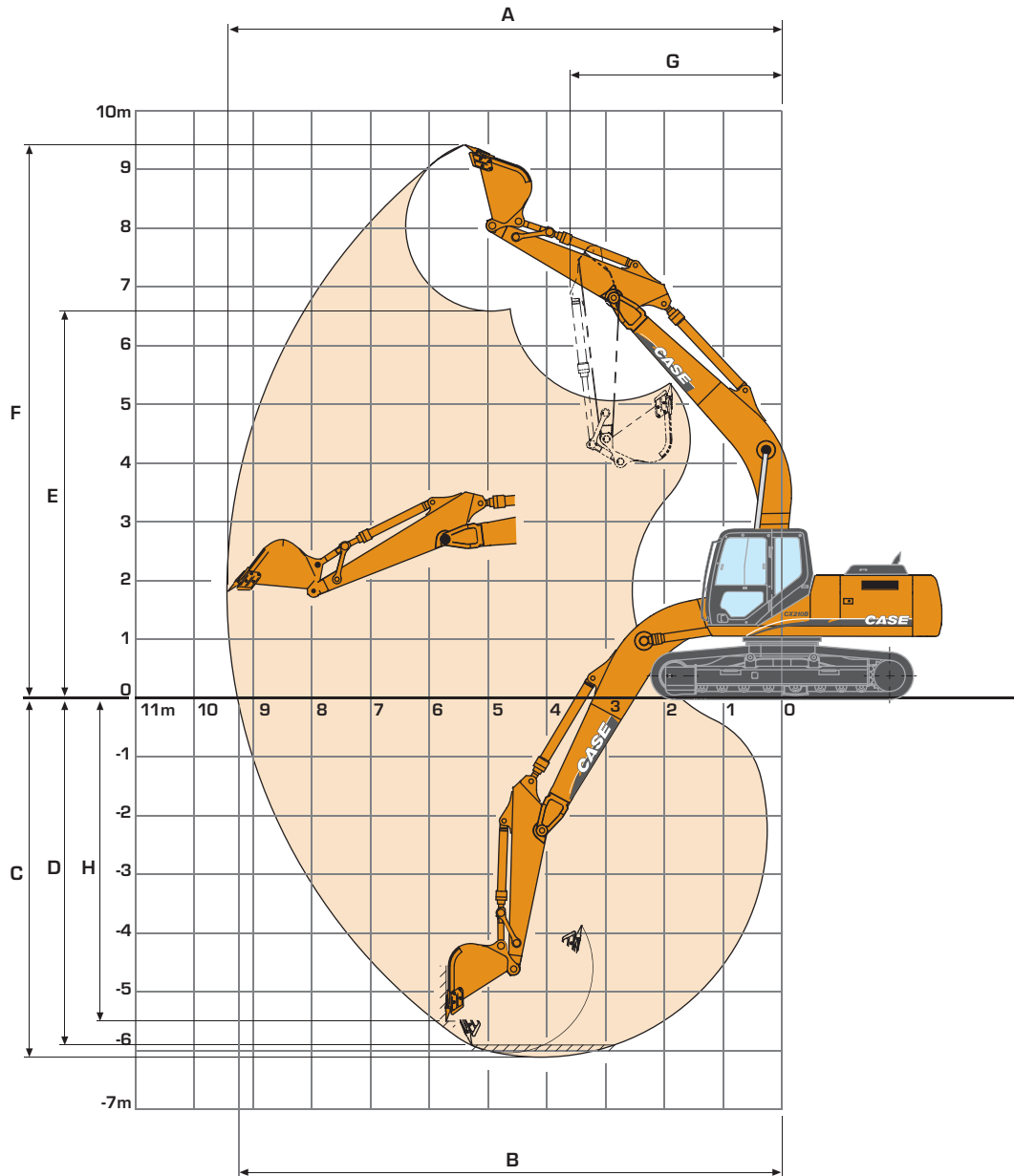
With 5.70 m standard monoboomb 2.40 m dipper 698 kg, 1m<sup>3</sup> bucket operator and full fuel tank

	WEIGHT (kg)		GROUND PRESSURE (bar)	
	LC	NLC	LC	NLC
shoes 500mm steel	-	21 350	-	0.53
shoes 600mm steel	20 900	-	0.43	-
shoes 700mm steel	21 400	-	0.38	-
shoes 800mm steel	21 700	-	0.34	-

# MONOBOOMB

# PERFORMANCE DATA

WITH 5.70 m STANDARD MONOBOOM - 2.40 m DIPPER



## DIPPER LENGTH

		1.90 m	2.40 m	2.94 m	
A	Maximum digging reach	m	8.96	9.42	9.90
B	Maximum digging reach at ground level	m	8.77	9.24	9.73
C	Maximum digging depth	m	5.61	6.10	6.65
D	Digging depth - 2.44 m level bottom	m	5.37	5.90	6.47
E	Max dump height	m	6.36	6.62	6.84
F	Overall reach height	m	9.19	9.44	9.64
G	Minimum swing radius - attachment	m	3.58	3.60	3.60
H	Vertical straight wall dig depth	m	5.01	5.50	5.96
Digging force	- w/o Power Boost	daN	14 200	12 300	10 300
	- with Power Boost	daN	15 200	13 200	11 000
Breakout force	- w/o Power Boost	daN	14 200	14 200	14 200
	- with Power Boost	daN	15 200	15 200	15 200

# CX210B

# LIFTING CAPACITY

WITH 5.70 m STANDARD MONOBOOM

Values are expressed in kilos

Front 360°	REACH					m
	3.0 m	4.5 m	6.0 m	7.5 m	At max reach	

## LC with 2.94 m dipper, 600 mm shoes and bucket of 0.90 m³ - 651 kg

6.0 m									2716*	2716*	7.46
4.5 m					4629*	4629*	4386*	3160	2731*	2709	8.13
3.0 m	10 818*	10 818*	6925*	6925*	5478*	4394	4785*	3020	2872*	2415	8.48
1.5 m	8056*	8056*	8726*	6344	6394*	4095	4667	2867	3157*	2290	8.55
0 m	8701*	8701*	9885*	5958	6447	3869	4533	2745	3654*	2308	8.36
-1.5 m	11 921*	11 532	10 234	5808	6316	3753	4468	2686	4149	2497	7.88
-3 m	14 471*	11 691	9844*	5829	6318	3755			4938	2973	7.05
-4.5 m	12 089*	12 054	8432*	6014					6339*	4191	5.72

## LC with 2.40 m dipper, 600 mm shoes and bucket of 1.0 m³ - 698 kg

6.0 m					4541*	4541*			4570*	3809	6.79
4.5 m					5035*	4590	4717*	3085	4045*	2952	7.67
3.0 m			7555*	6775	5838*	4305	4775	2965	4232	2612	8.05
1.5 m			9195*	6192	6626	4025	4627	2830	4062	2474	8.13
0 m	7790*	7790*	10 091*	5880	6405	3830	4518	2730	4151	2508	7.92
-1.5 m	12 670*	11 572	10 188*	5795	6314	3750			4569	2751	7.41
-3 m	13 622*	11 800	9512*	5873	6369	3798			5609	3375	6.52
-4.5 m	10 776*	10 776*	7619*	6138					6625*	5154	5.05

## LC with 1.90 m dipper, 600 mm shoes and bucket of 1.0 m³ - 698 kg

6.0 m					5079*	4733			5076*	4477	6.19
4.5 m			6515*	6515*	5510*	4563			5180*	3349	7.17
3.0 m			8243*	6664	6261*	4296	4789	2984	4720	2940	7.56
1.5 m			9705*	6144	6637	4044	4668	2874	4524	2784	7.65
0 m			10 313*	5917	6456	3884			4652	2840	7.43
-1.5 m	14 179*	11 801	10 143*	5896	6410	3843			5206	3163	6.89
-3 m	12 694*	12 065	9169*	6029					6668	4026	5.92
-4.5 m									7028*	7007	4.24

## NLC with 2.94 m dipper, 500 mm shoes and bucket of 0.90 m³ - 651 kg

7.5 m									2804*	2804*	6.40
6.0 m									2671*	2671*	7.47
4.5 m					4599*	4037	4361*	2714	2695*	2313	8.13
3.0 m	10 722*	10 722*	6884*	5884	5453*	3749	4766*	2574	2844*	2047	8.48
1.5 m	8664*	8664*	8690*	5293	6373*	3459	4835	2423	3138*	1928	8.55
0 m	9097	9097*	9858*	4929	6668	3241	4698	2303	3651*	1935	8.35
-1.5 m	12 181*	9107	10 232*	4787	6536	3129	4633	2245	4316	2092	7.87
-3 m	14 492*	9247	9842*	4805	6537	3130			5138	2497	7.03
-4.5 m	12 127*	9569	8448*	4979					6421*	3539	5.69

## NLC with 2.40 m dipper, 500 mm shoes and bucket of 1.0 m³ - 698 kg

7.5 m									4101*	4101*	5.82
6.0 m					4495*	4141			3916*	3114	6.99
4.5 m					5000*	3945	4683*	2646	3973*	2517	7.69
3.0 m	12 475*	10 376	7504*	5705	5809*	3666	4950	2523	4221*	2211	8.06
1.5 m			9152*	5153	6649*	3394	4798	2388	4213	2082	8.13
0 m	8331*	8331*	10 064*	4855	6627	3204	4685	2289	4308	2102	7.92
-1.5 m	12 985*	9137	10 180*	4773	6534	3126			4742	2304	7.41
-3 m	13 674*	9338	9523*	4844	6588	3171			5822	2832	6.51
-4.5 m	10 853*	9744	7666*	5092					6727*	4335	5.03

## NLC with 1.90 m dipper, 500 mm shoes and bucket of 1.0 m³ - 698 kg

6.0 m					5028*	4099			4938*	3618	6.42
4.5 m			6461*	6228	5474*	3925			5069*	2867	7.18
3.0 m			8192*	5609	6233*	3663	4967	2547	4886	2503	7.58
1.5 m			9663*	5115	6865	3417	4841	2436	4689	2357	7.65
0 m	7688*	7688*	10 295*	4897	6681	3261			4825	2395	7.43
-1.5 m	14 472*	9347	10 146*	4874	6633	3220			5401	2666	6.88
-3 m	12 779*	9583	9196*	4997					6841*	3396	5.90
-4.5 m									7184*	5897	4.20

Machine in Auto mode Lift capacities are taken in accordance with SAE J1097/ISO 10567/DIN 15019-2 Lift capacities shown in kg do not exceed 75% of the tipping load or 87% of the hydraulic lift capacity Capacities that are marked with an asterisk (\*) are hydraulic limited. If the machine is equipped with a quick coupler, subtract the weight of the quick coupler from the load shown in the table to calculate the real lift capacity