

Case Construction Equipment Crawler Excavators – C Series

		CX130C	CX210C	CX230C
ENGINE				
Engine model		ISUZU AP-4LE2X	ISUZU AM-4HK1X	ISUZU AM-4HK1X
Type		–	Water-cooled, 4-cycle diesel, 4-cylinder in line, Electronically controlled, high pressure common rail system, variable geometry turbocharger, air cooled intercooler, dual exhaust gas recirculation, DPD system with auto-regeneration. Tier 4 interim certified.	Water-cooled, 4-cycle diesel, 4-cylinder in line, Electronically controlled, high pressure common rail system, variable geometry turbocharger, air cooled intercooler, dual exhaust gas recirculation, DPD system with auto-regeneration. Tier 4 interim.
Number of cylinders/displacement		–	4/5.19 l	4/5.19 l
Bore/Stroke	mm	–	115 x 125	115 x 125
Horsepower ISO 9249		–	119 kW/160 hp at 1800 min ⁻¹	119 kW/160 hp at 1800 min ⁻¹
Rated flywheel horse power (ISO 14396)		41.2 kW at 2000 min ⁻¹	–	
Maximum torque (ISO 9249)		193 Nm at 1800 min ⁻¹	621 Nm at 1500 min ⁻¹	621 Nm at 1500 min ⁻¹
Emissions level		Tier 4 Final / Stage IIIB	–	Tier 4 Final / Stage IIIB
Piston displacement	cc	2179	–	
HYDRAULIC SISTEM				
Max oil flow		2 x 74 l/min at 2000 min ⁻¹	2 x 211 l/min @ 1800 min ⁻¹	2 x 211 l/min @ 1800 min ⁻¹
variable displacement axial piston pumps with regulating system		–	2	2

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Working circuit pressure				
Boom/Arm/Bucket	Mpa	29.4	34.3	34.3
Boom/Arm/Bucket (with auto power up)	Mpa	–	36.8	36.8
Swing circuit	Mpa	22.6	29.4	29.4
Travel circuit	Mpa	29.4	34.3	34.3
Pilot pump (1 gear pump)				
Max. oil flow	liter/min	18	–	–
Working circuit pressure	Mpa	3.9	–	–
Blade pump (1 gear pump)				
Max. oil flow		35.4 liter/min at 2000 min ⁻¹	–	–
Working circuit pressure	Mpa	23.5	–	–
Maximum swing speed	min ⁻¹	10.4	11.5	11.5
Work mode display		(SP, H, Auto)		
PERFORMANCE				
Travel speeds (Automatic travel speed shifting)				
Travel motor			Variable displacement axial piston motor	Variable displacement axial piston motor
High	km/h	5.1	5.6	5.6
Low	km/h	3.2	3.4	3.4
Boom swing left		80°	–	–
Boom swing right		45°	–	–
Drawbar pull	kN	59.5	188	188
Grade-ability		70% (35°)	70% (35°)	70% (35°)

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ELECTRICAL SYSTEM				
Circuit	V	–	24	24
Alternator	Amp	–	50	50
UNDERCARRIAGE				
Number of carriers rollers (each side)		–	2	2
Number of track rollers (each side)		–	8	8
Number of shoes (each side)		–	49	49
Type of shoe		–	Triple grouser shoe	Triple grouser shoe
CAPACITIES				
Fuel tank	l	120	320	410
Hydraulic system	l	96.3	220	240
Engine oil	l	11.5	–	–
Cooling system	l	12.2	30.8	30.8