

CASE

CONSTRUCTION

HYDRAULIC EXCAVATOR **CX130B**



Engine Horsepower	70.9 kW - 96 hp
Operating weight (max)	12.5 - 14.3 t
Bucket capacity	0.19 m ³ to 0.8 m ³

POWER AND SPEED

Powered by a Tier III common rail diesel engine, the CX130B utilises an advanced hydraulic system with three working modes to match power and speed to every application. The excavator benefits from increased digging forces, slew speeds and high swing torque resulting in reduced cycle times. Increased stability results in a wider range of applications, adding to the versatility of this highly productive machine.

Increased fuel efficiency and high torque at low engine revs result in reduced operating costs and improved cost per tonne performance. Low maintenance and maximum fuel efficiency offer high performance with low ownership costs.

Increased productivity. Maximum profitability.



ROBUST DESIGN

Built to perform, the CX130B retains the Case excavator family appearance with strong lines and compact dimensions. The spacious B series cab provides exceptional levels of comfort and low noise, reducing operator fatigue and boosting productivity.

Exhaust gas recirculation and common rail fuel injection ensure low emissions and reduced fuel consumption, despite increased output and high torque. High productivity with low fuel use.

Operator acceptance. Environmental responsibility.

SAFETY FIRST

As with all B series machines, the CX130B's cab has full height glazing for improved visibility all round, increasing safety on site. A single side window provides an unrestricted view to the right side of the machine. The B series cab has a structure that is three times more rigid than a conventional frame, boosting safety for the operator and contributing to reduced internal noise levels. An easy to use operating console, smooth responsive servo levers and comfort seating reduce operator fatigue, improving productivity and site safety.

Total visibility. Improved operation.

OPERATOR COMFORT

The B series cab has up to 60 mm of additional leg and foot space, providing comfort for all sizes of operators. A reclining seat and air conditioning with multiple vents ensure that the operator can remain comfortable in the machine. The operator benefits from a hot/cold storage box, a cup holder and a mobile phone pocket, along with a large area behind the seat for additional storage.

The operating lever consoles have four positions with auto return on the left hand side, ensuring optimum comfort for all operators. Viscous cab mountings and lower engine noise levels reduce vibration and noise within the cab and outside the machine.

Reduced fatigue. Increased productivity.

BUILT TO WORK

A single high performance synthetic fibre hydraulic filter protects the entire hydraulic system. Separate filters are no longer required when the machine is used with a hydraulic breaker. The CX130B is designed for exceptional reliability and durability. A strong upper structure and revised forged bracket boom and dipper design ensure long service life with reduced maintenance. Resin shims on the boom and dipper reduce wear, and new undercarriage components have been optimised to keep the machine operating.

Robust design. Case durability.



EXTENDED OPERATION

The Case CX130B is equipped with a larger fuel tank complete with high flow auto-stop refuelling pump. This reduces downtime for refuelling and ensures environmental safety as there is no fuel spillage onto sensitive ground. Extended Maintenance System (EMS) bushes provide up to 1000 hour greasing intervals on the majority of pins and low friction side shims on the boom and dipper further reduce maintenance requirements. All filters can be easily reached from ground level, for safe and efficient service and maintenance, reducing downtime and increasing productivity.

High performance. Low ownership costs.

ENGINE



An electronically-controlled common rail engine that meets Tier III emissions regulations powers the CX130B. The advanced design incorporates a fuel cooler to improve control of the volume and timing of injection, while exhaust gas recirculation contributes to reduced emissions. High torque output at low engine speeds, with a large capacity hydraulically driven fan and low sound exhaust muffler, contribute to lower noise levels inside the cab and outside the machine. Auto and one-touch idle speed settings ensure maximum efficiency in all operating conditions. High engine output with reduced fuel consumption, contributes to maximum productivity for the customer.

HYDRAULICS



The CX130B uses a new hydraulic system incorporating highly efficient variable piston pumps with reduced tolerances, that contribute to improved fuel economy. A variable control pump torque system maintains the correct engine output to match hydraulic demand, ensuring maximum productivity and smooth reaction to operator input. A synthetic fibre hydraulic filter is standard, protecting valuable components and prolonging hydraulic oil service life up to 5000 hours. Additional hydraulic filters are no longer necessary when operating with attachments, reducing cost and saving installation time. Hose burst control valves are now located behind the boom cylinders for greater protection and improved operator visibility to the working area.

CONSOLE ENGINE THROTTLE



Mode selection for the hydraulic system is intuitively set through an advanced engine throttle control, which is positioned within easy reach of the operator in the fully adjustable right hand console. All switches are grouped in a central layout and short servo lever joysticks make the CX130B a comfortable machine to operate. The display console has a luminosity sensor to ensure that it is easy to read whatever the ambient light conditions. Operators can store up to 10 auxiliary hydraulic flow settings in the machine's advanced hydraulic control, making it possible to use up to 10 attachments with no manual adjustment to the machine's hydraulic valves. Changing from single acting to double acting hydraulics is also possible from inside the cab. This reduces downtime for attachment changeover, increasing productivity.

OPERATOR'S CAB

The Case B series cab has 60 % more glass than previous models, including a single piece window on the right hand side, offering improved visibility to all sides. Despite reprofiled slim pillars, the cab is three times more rigid, for increased operator safety. Combined with viscous cab mounts and reduced engine noise, this results in best-in-class noise and vibration levels. All operators can find a comfortable position, thanks to adjustable consoles, longer seat slides, a 60 mm increase in foot space, a fully reclining seat and air conditioning with nine outlet vents. The B series cab includes a clock, a large storage box behind the driver's seat, bottle and can holders, a mobile phone holder and a cool box that uses the air conditioning system to regulate internal temperature.



MAINTENANCE



Case CXB excavators are easy to service with ground level access to all filters and maintenance points. The filters are remote mounted in a centralised position, providing easy access, and the larger fuel tank has both a drain valve and a removable service plate, to allow for easy cleaning in the case of fuel contamination. An engine oil drainer cuts the risk of spillage during servicing, protecting the environment. The high-flow electric refuelling pump is twice as fast as previous models and the auto-stop function makes refilling easier and faster. The CX130B scores the lowest time in SAE Maintenance tests, reducing downtime and cutting operating costs.

UNDERCARRIAGE

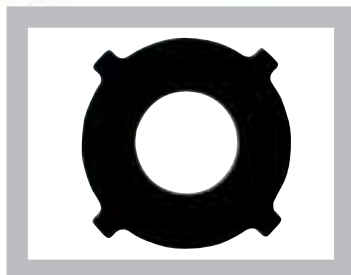


The CX130B is available with a standard length undercarriage, with optional dozer blade, or with a new LC longer undercarriage, for maximum stability. Long component life reduces ownership costs, and the CX130B has heat treated drive sprockets for extended reliability. Robust optional track guides and improved track links, with durable M-shaped seals and increased pin hardness, further boost longevity and reduce track wear. The track rollers have an O-ring design that prevents the ingress of dirt and dust, and a revised profile for reduced wear.

IMPROVED PIN AND BUSHING LIFE



EMS chrome plated pins with brass bushing



Antifriction shims

Previously only available on machines above the CX330, Extended Maintenance Bushings (EMS) are now standard equipment on all Case CXB series excavators. These low maintenance bushings provide up to 1,000 hour greasing intervals, greatly reducing daily and weekly maintenance for the operator, and increasing productivity. Anti-friction resin shims in the boom foot and head reduce noise and free play, increasing durability and reliability for the customer.







SPECIFICATIONS

ENGINE

Latest generation engine, meeting European requirements for "Low exhaust emissions" Tier III in accordance with directive 97/68/ EC
 Make ISUZU
 Type AJ-4JJ1X
Common rail, turbo, intercooler, fuel cooler
 EGR (Exhaust Gas Recirculator) Yes
 Direct injection Electronically controlled
 Number of cylinders 4
 Bore - Stroke 95.4 x 104.9 mm
 Cubic capacity 2999 cc
 Horsepower EEC80/1269 70.9 kW/96 hp @ 2000 rpm
 Maximum Torque 359 Nm @ 1600 rpm

HYDRAULIC SYSTEM

Max output 2 x 129 l/min @ 2000 rpm
 2 axial piston, variable flow pumps Yes
 Attachment/Power Boost 343/363 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 14.3 rpm
 Swing torque 33 kN-m

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 11 500 daN

ELECTRICAL SYSTEM

Circuit 24 V
 Batteries 2 x 12 V - 72 A/h
 Circuit equipped with water-proof connectors Yes
 Alternator 24 V - 50 Amp

UNDERCARRIAGE

Upper rollers 2 (LC) 1 (STD)
 Lower rollers 7
 Number of track pads 46 (LC) 43 (STD)
 Type of shoes Triple grouser
 Track pad width Standard 600 mm
 Track guard Option

CIRCUIT AND COMPONENT CAPACITIES

Fuel tank 260 l
 Hydraulic reservoir 82 l
 Hydraulic system 157 l
 Travel reduction gear (per side) 2.1 l
 Swing reduction gear 2.2 l
 Engine oil (including filter change) 17 l
 Cooling system 14.6 l

BUCKETS

GENERAL PURPOSE

SAE capacity	l	190	260	330	450	560	640	720	800
Width	mm	350	450	600	750	900	1000	1100	1200
Weight	kg	270	300	330	370	410	440	470	490

HEAVY DUTY

SAE capacity	l	640	720	300	620	760
Width	mm	1000	1100	2200	1520	1800
Weight	kg	450	485	430	469	492

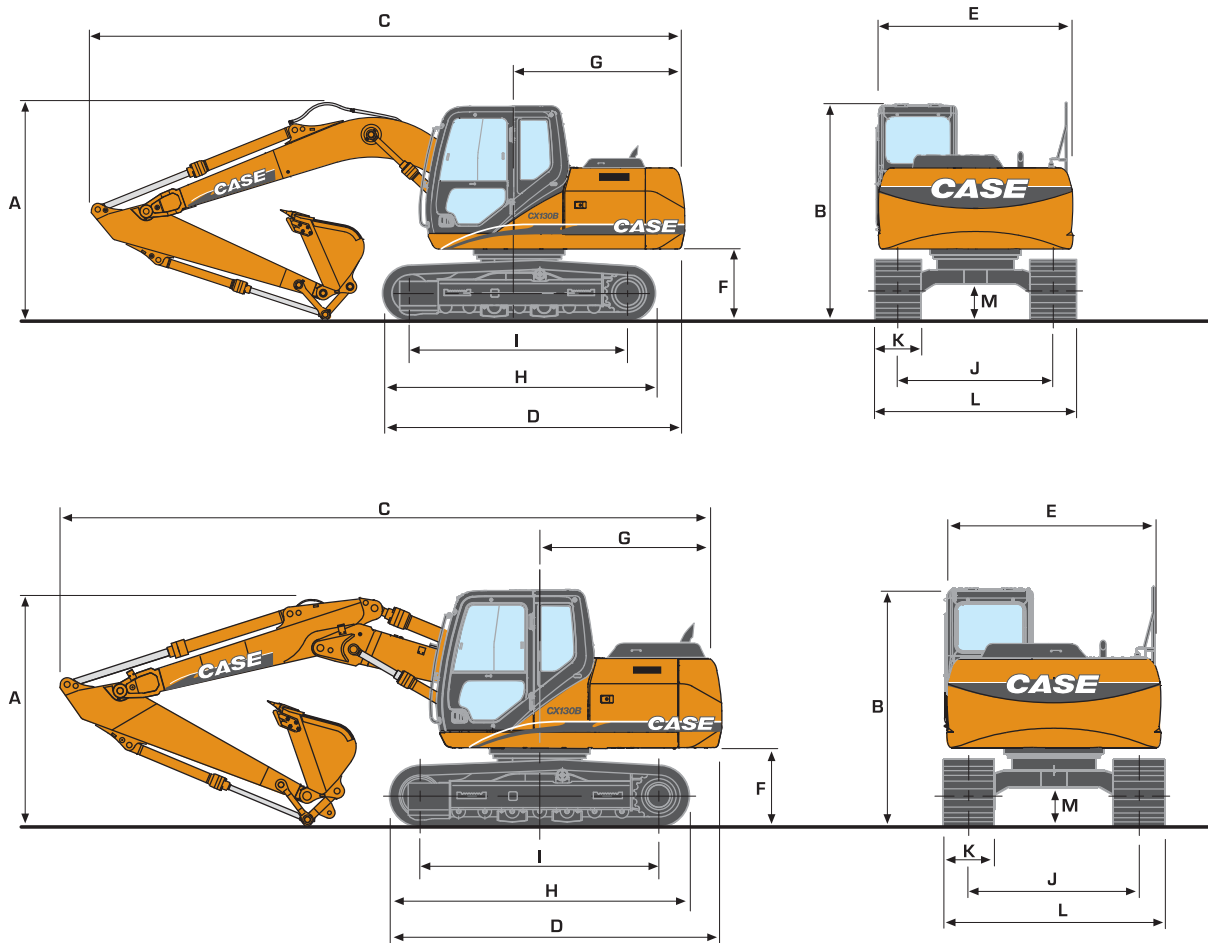
DITCH CLEANING

* For other bucket sizes, please contact your CASE dealer

CX130B

GENERAL DIMENSIONS

WITH 4.63 m STANDARD MONOBOOM OR 4.74 m 2 PIECE BOOM



	CX130B Mono STD* /LC			CX130B 2 Piece Boom STD/LC		
	2.10	2.50	3.00	2.10	2.50	3.00
DIPPER LENGTH						
A Overall height (with attachment)	m	2.82	2.82	2.82	2.82	2.82
B Cab height	m	2.79	2.79	2.79	2.79	2.79
C Overall length (with attachment)	m	7.62	7.64	7.61	-	-
Overall length (with attachment) LC-undercarriage	m	-	-	-	7.73	7.75
D Overall length (without attachment)	m	3.58	3.58	3.58	3.58	3.58
E Width of upperstructure	m	2.54	2.54	2.54	2.54	2.54
F Upperstructure ground clearance	m	0.89	0.89	0.89	0.89	0.89
G Swing radius (rear end)	m	2.13	2.13	2.13	2.13	2.13
H Track overall length	m	3.50/3.76	3.50/3.76	3.50/3.76	3.50/3.76	3.50/3.76
I Centre idler to centre sprocket	m	2.79/3.04	2.79/3.04	2.79/3.04	2.79/3.04	2.79/3.04
J Track gauge	m	1.99	1.99	1.99	1.99	1.99
K Track shoe width standard	mm	600	600	600	600	600
L Track overall width - 500 mm shoes	m	2.49	2.49	2.49	2.49	2.49
- 600 mm shoes	m	2.59	2.59	2.59	2.59	2.59
- 700 mm shoes	m	2.69	2.69	2.69	2.69	2.69
N Ground clearance	m	0.44	0.44	0.44	0.44	0.44

* available with blade as well equal dimensions

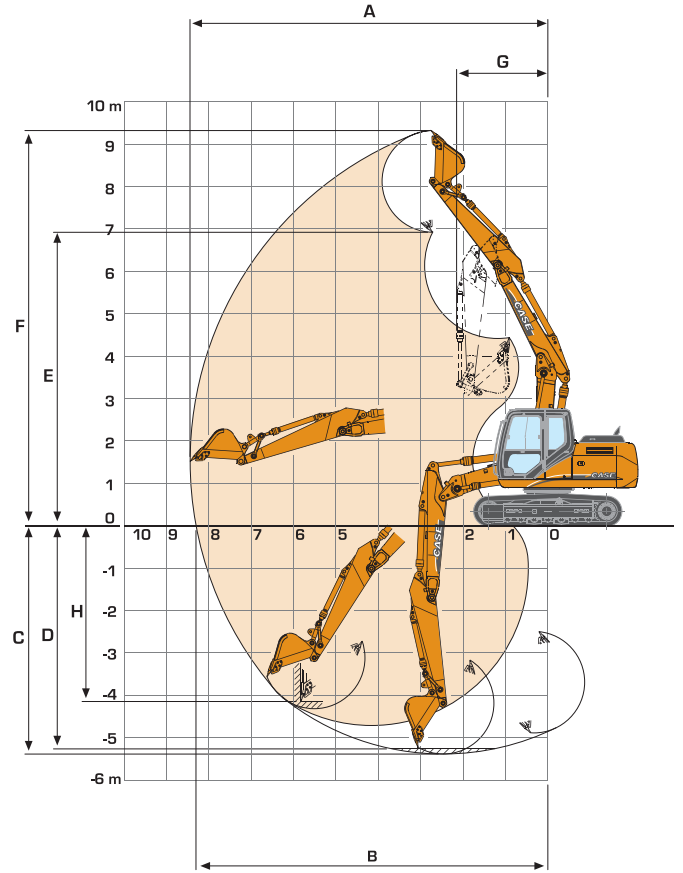
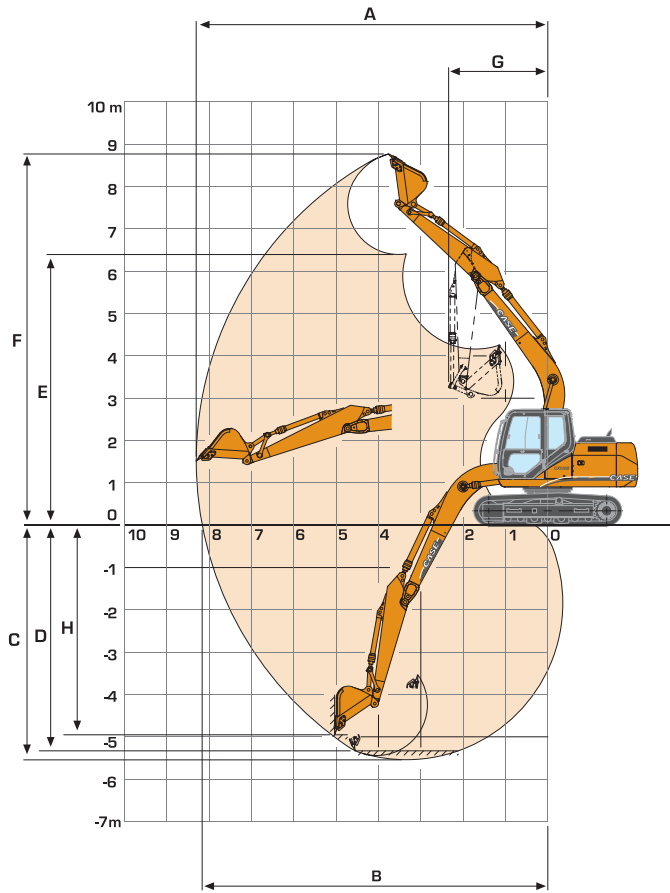
WEIGHT AND GROUND PRESSURE

Weight = kg
Ground pressure = bar

	Mono STD		Mono LC		Mono w/BLADE		2 piece boom STD		2 piece boom LC		2 piece boom w/BLADE	
	W	G.P.	W	G.P.	W	G.P.	W	G.P.	W	G.P.	W	G.P.
shoes 500 mm rubberlink	12600	0.41	12900	0.38	13300	0.43	13100	0.42	13300	0.40	14000	0.45
shoes 500 mm steel	12500	0.40	12800	0.38	13300	0.43	13000	0.42	13300	0.40	13800	0.45
shoes 600 mm steel	12700	0.34	13000	0.32	13500	0.36	13200	0.36	13500	0.34	14000	0.38
shoes 700 mm steel	13000	0.30	13300	0.28	13800	0.32	13500	0.31	13900	0.29	14300	0.34

PERFORMANCE DATA

WITH 4.63 m STANDARD MONOBOOM OR 4.74 m 2 PIECE BOOM



DIPPER LENGTH

		CX130B Mono STD/LC*			CX130B 2 Piece Boom STD/LC			
		2.50	3.01	2.11	2.50	3.01	2.11	
A	Maximum digging reach	m	8.31	8.77	7.96	8.44	8.91	8.09
B	Maximum digging reach at ground level	m	8.17	8.64	7.81	8.30	8.78	7.94
C	Maximum digging depth	m	5.54	3.05	5.15	5.39	5.90	5.01
D	Digging depth - 2,44 m level bottom	m	5.33	5.87	4.91	5.26	5.88	4.87
E	Max dump height	m	6.39	6.68	6.17	6.92	7.28	6.55
F	Overall reach height	m	8.77	9.05	8.55	9.32	9.68	9.05
G	Minimum swing radius - attachment	m	2.34	2.66	2.36	2.15	2.37	2.16
H	Vertical straight wall dig depth	m	4.95	5.35	4.06	4.15	4.63	3.77
	Digging force							
	- w/o Power Boost	daN	6200	5600	7000	6200	5600	7000
	- with Power Boost	daN	6600	6000	7400	6600	6000	7400
	Breakout force							
	- w/o Power Boost	daN	9000	9000	9000	9000	9000	9000
	- with Power Boost	daN	9500	9500	9500	9500	9500	9500

CX130B

LIFTING CAPACITY

WITH 4.63 m STANDARD BOOM

Values are expressed in kilos

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

2.50 m dipper 600 mm shoes and bucket of 0.50 m³ - 399 kg

6.0 m											2154*	2154*	5.38
4.5 m				2910*	2910*	2749*	1981				1489*	1489*	6.58
3.0 m			4905*	4905*	3738*	3084	2690	1891			1518*	1384	7.09
1.5 m			7680*	5267	4089	2808	2563	1772			1647*	1275	7.24
0 m			7754	4862	3860	2601	2456	1672			1893	1281	7.08
-1.5 m	5243*	5243*	7658	4781	3762	2512	2407	1627			2105	1423	6.57
-3 m	8223*	8223*	7757	4864	3789	2536					2703	1836	5.61
-4.5 m			5698*	5129							4259*	3376	3.89

2.11 m dipper 600 mm shoes and bucket of 0.55 m³ - 409 kg

6.0 m					3054*	3054*					2932*	2932*	4.76
4.5 m					3281*	3260	2511*	1952			1828*	1828*	6.20
3.0 m			5688*	5688*	4890*	3037	2673	1877			1870*	1522	6.73
1.5 m			8079	5137	4053	2779	2559	1770			2038	1400	6.89
0 m			7735	4851	3858	2602	2468	1686			2074	1414	6.72
-1.5 m	5806*	5806*	7714	4833	3792	2542	2444	1663			2342	1596	6.18
-3 m	9455*	9455*	7672*	4955	3854	2599					3139	2141	5.15
-4.5 m													

3.01 m dipper 600 mm shoes and bucket of 0.37 m³ - 339 kg

6.0 m							1912*	1912*			1683*	1683*	6.14
4.5 m							2619*	2043			1427*	1427*	7.09
3.0 m					3279*	3176	2742	1940	1610*	1269	1448*	1249	7.56
1.5 m			6792*	5475	4166	2878	2599	1805	1781	1214	1553*	1153	7.70
0 m	2633*	2633*	7829	4943	3895	2632	2470	1686	1728	1163	1709	1150	7.55
-1.5 m	4676*	4676*	7619	4648	3754	2504	2396	1616			1866	1255	7.08
-3 m	7174*	7174*	7651	4775	3739	2491	2404	1623			2292	1550	6.20
-4.5 m	10701*	10701*	6761*	4969	3873	2612					3610	2446	4.71

LC - 2.50 m dipper 600 mm shoes and bucket of 0.50 m³ - 399 kg

6.0 m											2154*	2154*	5.38
4.5 m					2910*	2910*	2749*	2034			1489*	1489*	6.58
3.0 m			4905*	4905*	3738*	3161	3118	1945			1518*	1428	7.09
1.5 m			7680*	5403	4792	2884	2987	1826			1647*	1317	7.24
0 m			8401*	4998	4554	2678	2877	1726			1916*	1324	7.08
-1.5 m			9063*	4917	4451	2589	2827	1680			2457*	1471	6.57
-3 m			8108*	5000	4479	2613					3172	1894	5.61
-4.5 m			5698*	5265							4259*	3469	3.89

LC - 2.11 m dipper 600 mm shoes and bucket of 0.55 m³ - 409 kg

6.0 m					3054*	3054*					2932*	2932*	4.76
4.5 m					3281*	3281*	2511*	2005			1828*	1828*	6.20
3.0 m			5688*	5688*	4090*	3114	3099	1930			1870*	1568	6.73
1.5 m			8313*	5273	4753	2855	2982	1824			2043*	1445	6.89
0 m			7904*	4987	4549	2678	2889	1740			2405*	1461	6.72
-1.5 m			8904*	4969	4481	2619	2863	1716			2743	1647	6.18
-3 m			7672*	5091	4546	2676					3681	2205	5.15
-4.5 m													

LC - 3.01 m dipper 600 mm shoes and bucket of 0.37 m³ - 339 kg

6.0 m							1912*	1912*			1683*	1683*	6.14
4.5 m							2619*	2096			1427*	1427*	7.09
3.0 m					3279*	3253	2983*	1993	1610*	1310	1448*	1289	7.56
1.5 m			6792*	5611	4405*	2954	3024	1859	2082	1255	1553*	1192	7.70
0 m			8699*	5059	4590	2709	2892	1739	1968*	1204	1770*	1191	7.55
-1.5 m			9146*	4884	4442	2581	2815	1669			2187*	1298	7.08
-3 m			8560*	4911	4427	2567	2824	1677			2691	1601	6.20
-4.5 m			6761*	5105	4343*	2689					4045*	2518	4.71

*Hydraulic pressure factor: 87.0 %. Without asterisk: Stability factor: 75.0 %

LIFTING CAPACITY

WITH 4.63 m STANDARD BOOM

Values are expressed in kilos

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

BLADE - 2.50 m dipper 600 mm shoes and bucket of 0.50 m³ - 399 kg

6.0 m										2154*	2154*	5.38
4.5 m				2910*	2910*	2749*	2111			1489*	1489*	6.58
3.0 m			4905*	4905*	3738*	3272	2736	2022		1518*	1491	7.09
1.5 m			7680*	5601	4157	2996	2609	1903		1647*	1379	7.24
0 m			7886	5195	3929	2789	2502	1803		1916*	1388	7.08
-1.5 m	5243*	5243*	7789	5115	3830	2700	2453	1758		2146	1540	6.57
-3 m	8223*	8223*	7888	5197	3857	2724				2754	1978	5.61
-4.5 m			5698*	5462						4259*	3604	3.89

BLADE - 2.11 m dipper 600 mm shoes and bucket of 0.55 m³ - 409 kg

6.0 m					3054*	3054*					2932*	2932*	4.76
4.5 m					3281*	3281*	2511*	2083			1828*	1828*	6.20
3.0 m			5688*	5688*	4090*	3225	2719	2008			1870*	1636	6.73
1.5 m			8210	5470	4121	2967	2604	1901			2043*	1510	6.89
0 m			7866	5184	3926	2789	2514	1817			2114	1528	6.72
-1.5 m	5806*	5806*	7845	5167	3860	2730	2490	1794			2387	1722	6.18
-3 m	9455*	9455*	7672*	5289	3923	2787					3195	2299	5.15
-4.5 m													

BLADE - 3.01 m dipper 600 mm shoes and bucket of 0.37 m³ - 339 kg

6.0 m							1912*	1912*				1683*	1683*	6.14
4.5 m							2619*	2174				1427*	1427*	7.09
3.0 m					3279*	3279*	2788	2070	1610*	1369		1448*	1348	7.56
1.5 m			6792*	5808	4235	3065	2645	1936	1816	1314		1553*	1250	7.70
0 m	2633*	2333*	7960	5256	3963	2820	2516	1816	1762	1264		1743	1250	7.55
-1.5 m	4676*	4676*	7751	5082	3822	2692	2442	1747				1904	1362	7.08
-3 m	7174*	7174*	7783	5109	3807	2678	2450	1754				2336	1675	6.20
-4.5 m	10701*	10701*	6761*	5303	3942	2800						3674	2623	4.71

*Hydraulic pressure factor: 87.0 %. Without asterisk: Stability factor: 75.0 %



LIFTING CAPACITY

WITH 4.74 m 2 PIECE BOOM

Values are expressed in kilos

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

2.50 m dipper 600 mm shoes and bucket of 0.50 m³ - 398 kg

6.0 m					3110*	3110*					2120*	2120*	5.58
4.5 m					3710*	3440*	2820	2030			1440*	1440*	6.75
3.0 m	13120*	13120*	6750*	6230	4490	3350	2800	1990			1460*	1290	7.24
1.5 m	12340*	12340*	8370	6010	4390	3260	2700	1890			1580*	1180	7.39
0 m	8830*	8830*	8340	5640	4280	2950	2550	1740			1790	1180	7.23
-1.5 m	10150*	10150*	8230	5190	4020	2710	2420	1610			1990	1310	6.73
-3 m	10770*	10770*	8040	5030	3830	2540					2530	1680	5.80
-4.5 m													

2.11 m dipper 600 mm shoes and bucket of 0.55 m³ - 408 kg

6.0 m					3460*	3400*					2870*	2800	4.98
4.5 m					4350*	3430	2770	1960			1770*	1720	6.36
3.0 m	12360*	12360*	7380*	6180*	4480	3350	2750	1940			1800*	1420	6.88
1.5 m	10540*	10540*	8380	6030	4420	3190	2650	1840			1930	1290	7.04
0 m	8710*	8710*	8410*	5520	4230	2900	2520	1700			1960	1300	6.87
-1.5 m	10950*	10950*	8190	5160	3970	2660	2410	1610			2210	1460	6.34
-3 m	11630*	11630*	8030	5020	3850	2550					2770*	1950	5.35
-4.5 m													

3.01 m dipper 600 mm shoes and bucket of 0.37 m³ - 398 kg

6.0 m							2130*	2090			1670*	1670*	6.32
4.5 m					3070*	3070*	2850*	2130			1380*	1370	7.25
3.0 m			4600*	4600*	4230*	3380*	2880	2100	1830	1250	1400*	1160	7.71
1.5 m	12090*	12090*	8160*	6020	4390	3290	2790	1990	1780	1190	1500*	1060	7.86
0 m	9910*	9910*	8280*	5830	4370	3030	2630	1820	1700	1120	1620	1060	7.70
-1.5 m	9870*	9870*	8320	5260	4080	2760	2460	1650			1760	1150	7.24
-3 m	10980*	10980*	8050	5030	3850	2550	2370	1570			2150	1420	6.39
-4.5 m	11200*	11200*	6650*	4950	3190*	2540					2860*	2420	4.64

LC - 2.50 m dipper 600 mm shoes and bucket of 0.50 m³ - 398 kg

6.0 m					3110*	3110*					2120*	2120*	5.58
4.5 m					3710*	3510	2940*	2080			1440*	1440*	6.75
3.0 m		13120*	6750*	6340	4730*	3410	3210	2050			1460*	1330	7.24
1.5 m		12340*	8720*	6120	4960	3330	3120	1940			1580*	1220	7.39
0 m		8830*	9050*	5770	4960	3020	2980	1790			1820	1220	7.23
-1.5 m		10150*	9140*	5320	4740	2780	2850	1660			2300	1350	6.73
-3 m		10770*	8960*	5170	4540	2610					2770	1740	5.80
-4.5 m													

LC - 2.11 m dipper 600 mm shoes and bucket of 0.55 m³ - 408 kg

6.0 m					3460*	3460*					2870*	2870*	4.98
4.5 m					4350*	3500	2900*	2020			1770*	1770*	6.36
3.0 m		12360*	7380*	6300	5000*	3420*	3180	1990			1800*	1460	6.88
1.5 m		10540*	8880*	6140	4980*	3270	3080*	1890			1950*	1340	7.04
0 m		8710*	9100*	5660	4960	2980	2950	1760			2280*	1350	6.87
-1.5 m		10950*	9230*	5300	4680	2740	2850	1660			2600	1520	6.34
-3 m		11630*	8410*	5170	4560	2630					2770*	2020	5.35
-4.5 m													

LC - 3.01 m dipper 600 mm shoes and bucket of 0.37 m³ - 398 kg

6.0 m							2130*	2130*			1670*	1670*	6.32
4.5 m					3070*	3070*	2850*	2180			1380*	1380*	7.25
3.0 m			4600*	4600*	4230*	3440	3270	2150	1950*	1290	1400*	1200	7.71
1.5 m		12090*	8160*	6130	4970	3350	3210	2040	2080	1240	1500*	1100	7.86
0 m		9910*	8980*	5970	4920	3110	3060	1870	2010	1160	1690*	1100	7.70
-1.5 m		9870*	9040*	5390	4810	2840	2900	1700			2070*	1190	7.24
-3 m		10980*	9210*	5170	4560	2630	2810	1620			2540	1470	6.39
-4.5 m		11200*	6650*	5090	3190*	2620					2860*	2490	4.64

*Hydraulic pressure factor: 870 %. Without asterisk: Stability factor: 75.0 %

LIFTING CAPACITY

WITH 4.74 m 2 PIECE BOOM

Values are expressed in kilos

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

BLADE - 2.50 m dipper 600 mm shoes and bucket of 0.50 m³ - 398 kg

6.0 m					3110*	3110*						2120*	2120*	5.58
4.5 m					3710*	3450	2860	2030				1440*	1440*	6.75
3.0 m	13120*	13120*	6750*	6240	4550	3350	2840	2000				1460*	1290	7.24
1.5 m	12340*	12340*	8470	6020	4450	3260	2740	1900				1580*	1180	7.39
0 m	8830*	8830*	8430*	5650	4360	2950	2600	1740				1820*	1180	7.23
-1.5 m	10150*	10150*	8370	5200	4090	2720	2470	1610				2030	1310	6.73
-3 m	10770*	10770*	8180	5040	3900	2540						2580	1690	5.80
-4.5 m														

BLADE - 2.11 m dipper 600 mm shoes and bucket of 0.55 m³ - 408 kg

6.0 m					3460*	3410						2870*	2810	4.98
4.5 m					4350*	3440	2820	1970				1770*	1720	6.36
3.0 m	12360*	12360*	7380*	6200	4540	3360	2800	1950				1800*	1420	6.88
1.5 m	10540*	10540*	8470	6050	4470	3200	2700	1840				1950*	1300	7.04
0 m	8710*	8710*	8500	5530	4310	2910	2570	1710				2000	1310	6.87
-1.5 m	10950*	10950*	8330	5180	4040	2670	2460	1610				2250	1470	6.34
-3 m	11630*	11630*	8170	5040	3920	2560						2770*	1960	5.35
-4.5 m														

BLADE - 3.01 m dipper 600 mm shoes and bucket of 0.37 m³ - 398 kg

6.0 m							2130*	2090				1670*	1670*	6.32
4.5 m					3070*	3070*	2850*	2140				1380*	1380	7.25
3.0 m			4600*	4600*	4230*	3380	2920	2100	1870	1250		1400*	1170	7.71
1.5 m	12090*	12090*	8160*	6040	4450*	3300	2830	2000	1810	1200		1500*	1070	7.86
0 m	9910*	9910*	8370	5850	4430*	3040	2680	1830	1740	1120		1650	1060	7.70
-1.5 m	9870*	9870*	8460	5270	4160	2770	2510	1660				1800	1150	7.24
-3 m	10980*	10980*	8190	5050	3920	2560	2420	1570				2200	1420	6.39
-4.5 m	11200*	11200*	6650*	4960	3190*	2550						2860*	2420	4.64

BLADE DOWN - 2.50 m dipper 600 mm shoes and bucket of 0.50 m³ - 398 kg

6.0 m					3110*	3110*						2120*	2120*	5.58
4.5 m					3710*	3450	2940*	2030				1440*	1440*	6.75
3.0 m		13120*	6750*	6240	4730*	3350	3750*	2000				1460*	1290	7.24
1.5 m		12340*	8720*	6020	5460*	3260	4060*	1900				1580*	1180	7.39
0 m		8830*	9050*	5650	5740*	2950	4140*	1740				1820*	1180	7.23
-1.5 m		10150*	9140*	5200	5790*	2720	4030*	1610				2300*	1310	6.73
-3 m		10770*	8960*	5040	5270*	2540						2770*	1690	5.80
-4.5 m														

BLADE DOWN - 2.11 m dipper 600 mm shoes and bucket of 0.55 m³ - 408 kg

6.0 m					3460*	3410						2870*	2810	4.98
4.5 m					4350*	3440	2900*	1970				1770*	1720	6.36
3.0 m		12360*	7380*	6200	5000*	3360	3920*	1950				1800*	1420	6.88
1.5 m		10540*	8880*	6050	5620*	3200	4150*	1840				1950*	1300	7.04
0 m		8710*	9100*	5530	5770*	2910	4180*	1710				2280*	1310	6.87
-1.5 m		10950*	9230*	5180	5870*	2670	3800*	1610				2950*	1470	6.34
-3 m		11630*	8410*	5040	4670*	2560						2770*	1960	5.35
-4.5 m														

BLADE DOWN - 3.01 m dipper 600 mm shoes and bucket of 0.37 m³ - 398 kg

6.0 m							2130*	2090				1670*	1670*	6.32
4.5 m					3070*	3070*	2850*	2140				1380*	1380	7.25
3.0 m			4600*	4600*	4230*	3380	3550*	2100	1950*	1250		1400*	1170	7.71
1.5 m		12090*	8160*	6040	5210*	3300	3910*	2000	2500*	1200		1500*	1070	7.86
0 m		9910*	8980*	5850	5690*	3040	4120*	1830	2460*	1120		1690*	1060	7.70
-1.5 m		9870*	9040*	5270	5720*	2770	4140*	1660				2070*	1150	7.24
-3 m		10980*	9210*	5050	5690*	2560	3430*	1570				2720*	1420	6.39
-4.5 m		11200*	6650*	4960	3190*	2550						2860*	2420	4.64

*Hydraulic pressure factor: 820%. Without asterisk: Stability factor: 75.0%







CX130B

STANDARD EQUIPMENT & OPTIONS

STANDARD EQUIPMENT

Engine control

- Common rail engine Tier III European Standards
- Electronic control of the injection system
- Automatic engine pre-heating
- Automatic/manual engine return to idle
- Exhaust Gas Recirculator
- Emergency stop
- Electrical refuel pump with automatic stop
- Fuel filter with water separator

Hydraulic control

- Auto/Heavy/Super Power working modes
- Pump torque variable control
- Automatic Power boost control
- Swing brake control
- High performance "Super Fine" synthetic fiber hydraulic filter (high contamination catch)
- Hydraulic safety valves on boom and dipper
- 2 travel speeds with auto down shifting

Operator environment

- High visibility cab with safety glass
- Adjustable et retractable armrest console with position memory
- Safety lever
- Self adjusting Air conditioning and heating system
- Cup holder
- High visibility side monitor display with automatic brightness
- Messages (function, temperature, safety, ...) on the display
- Integrated diagnostic system
- Working modes (Auto/Heavy/Super Power) combined with engine throttle
- Anti-theft device
- Hourmeter
- Selectable auxiliary hydraulic flow pre-settings
- RH front console with clock and cell phone holder
- High capacity shock absorbers on cab with 4 points fluid mountings
- Rain deflector
- Windscreen with lockable opening
- Windscreen washer and wiper
- Removable lower front windscreen with storage location in cab
- Glass cab roof window and sliding sun shade
- ISO control pattern low effort & short joysticks
- Adjustable sun visor
- Washable cab floor mat

- Rear view mirror and safety mirrors
- Storage compartments
- Integrated cool box
- 12 V and 24 V DC accessory sockets
- Hammer/Shear change selected from the cab
- Fore & aft adjustment of the whole seat & console

Electrical system

- Water proof connectors
- Double horn
- 2 working light on the cab
- Working light on the fuel tank
- Working light on the boom

Equipment

- EMS (Extended Maintenance System) pins and bushings as Standard (1000 hours lubrication interval for all, except buckets pins at 250 hours)
- Low friction resin side shims on boom and dipper
- Sealed and lubricated tracks
- Track guides (front)
- Large tool box
- Pre-disposal for the optional cab protection

Operator seat

- Fully adjustable low frequency mechanical suspension seat including double acting hydraulic damper
- Weight adjustment
- Height/fore & aft adjustment
- Adjustable head rest
- Adjustable seat back angle with Fully flat seat reclining
- Adjustable arm rest
- Safety belt

OPTIONS

- Bucket/clamshell hydraulic circuit
- Hammer hydraulic circuit
- Hammer/shear hydraulic circuit
- Additional track guides (double and front)
- Track width (500 mm - 600 mm - 700 mm depending on the version)
- 500 mm rubber link chain
- Windscreen protection
- Cab protection
- GPS (Global Positioning System) by satellite
- Centralized greasing system automatically actuated by an electrical grease pump

Standard and optional equipment shown can vary by country. PHOTOS ARE NOT CONTRACTUAL.



INTERNATIONAL

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NOTE: Standard and optional fittings can vary according to the demands and specific regulations of each country. The illustrations may include optional rather than standard fittings - consult your Case dealer. Furthermore, CNH reserves the right to modify machine specifications without incurring any obligation relating to such changes.



Conforms to directive 98/37/CE

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