

EXPERTS FOR THE REAL WORLD
SINCE 1842

CASE
CONSTRUCTION

HYDRAULIC EXCAVATORS

C Series

CX130C / CX130C FORESTRY



QUALITY
YOU CAN TRUST

MAIN REASONS TO CHOOSE THE CX130C



HIGH PRECISION AND CONTROLLABILITY

High performance.
Smooth control.
Improved fuel efficiency.
With CASE Intelligent Hydraulic System.



HIGH EFFICIENCY

Up to 8% more fuel efficiency.
Constant consumption monitoring.
With the 5 Energy Saving Controls, Isuzu engine and the new ECO gauge function.



COMFORT AND SAFETY

Spacious and safe cab.
Low noise and vibrations.
Ergonomic workstation.
Real time parameters monitoring.
With the newly designed cab, fully adjustable seat/joysticks and brand new LCD cluster.



HIGH RELIABILITY

Robust design.
Increased durability.
Lower cost of ownership.
With the CASE top manufacturing quality.





OUTSTANDING VISIBILITY

Safe and fast operations.
More comfort.
With wider glazed area.



FAST CYCLES

Higher breakout force.
Continuous operations.
Up to 10% higher digging capability.
With H/SP modes and Auto Power boost.



LOW TOTAL COST OF OWNERSHIP

Longer service intervals.
Reduced downtimes.
Fast, easy and safe maintenance operations.
With the EMS bushings, high quality components and service points accessible from the ground.



HIGH VERSATILITY

The perfect machine for every application.
With 3 available power modes and 10 auxiliary hydraulic settings.



HIGH PRECISION AND CONTROLLABILITY

The proven CASE Intelligent Hydraulic System (CIHS) delivers impressive machine control with unrivalled energy and fuel savings in all cycle time phases. New synthetic hydraulic filter reduces system contamination, cutting service costs and boosting machine longevity.



FAST CYCLES

The advanced hydraulic system offers higher breakout forces, improved swing speeds and greater swing torque, resulting in **faster cycle times and 5% increase in productivity**. Power boost function is automatically engaged. The electronic management of speed and power lowers fuel consumption and offers considerable productivity benefits in terms of outputs.



HIGH EFFICIENCY

CASE advanced energy management consists of **5 Energy Saving Controls**:

- **Torque Control**: electronic control of the hydraulic output to prevent engine overloads.
- **Boom Economy Control (BEC)**: increased fuel efficiency in boom lowering/swinging operations.
- **Swing Relief Control (SWC)**: optimized hydraulic power distribution in slewing operations to deliver the most efficient flow and pressure.
- **Spool Stroke Control (SSC)**: pressure and flow during digging and leveling operations
- **Idle functions**
 - **Auto Idle**: lowers engine rpm after 5 seconds of lever inactivity;
 - **Idle Shutdown**: shuts the engine down after a pre-set time.

The CX130C is powered by **Isuzu engines**, designed to boost machine performances and optimize fuel economy. Fuel consumption can be constantly monitored by the operator throughout the **new ECO gauge function**, that displays in real time the energy level utilized.



LOW TOTAL COST OF OWNERSHIP

- The Extended Maintenance Bushings (EMS) provide longer greasing intervals, **reducing daily and weekly maintenance for the operator**.
- All filters and regular check points are grouped and easily accessible from the ground.
- Radiator and cooler are mounted side by side fore more efficient cooling and easy access for cleaning.
- Optional refueling pump with auto cut off reduces downtime for regular fills.

QUALITY YOU CAN TRUST



HIGH RELIABILITY

Accurate, smart and robust design for durable performances.

The CX130C delivers leading design solutions and manufacturing quality.

- The new boom and arm structures are more robust and reinforced in the more stressed areas, optimizing the durability and performances at the same time. The adoption of forged brackets, casted components and anti-friction shims solution has made the machine's structures stronger and durable. This new design grants higher robustness and optimized structure weight, making the machine more agile and productive.
- Increased productivity: extra lifting capacity thanks to the front attachment optimization;
- Maximum efficiency: lighter, but stronger front attachment (more lifting, less fuel consumption);
- Higher resale value: re-designed attachment for more durability and less maintenance cost.
- Longer greasing intervals with the EMS bushing type, allows extending the life of the machine and reducing the routine maintenance time. (1000 hours greasing interval)
- The Heavy Duty undercarriage is made with high quality components, with thick structural plates in the areas where components required and higher level of resistance. The Heavy duty undercarriage ensures safe and productive performance in all terrains.
- The sloped lower frame design avoids that material remains entrapped in between the undercarriage's components, avoiding the risk of premature wearing of them. This design makes easy to clean the undercarriage, saving time to the customer.
- X-chassis design to grant a better weight distribution and a superior stability;
- Heavy duty and high quality material;
- Heavy duty travel engine protection;
- Extra heavy duty carrier roller brackets.





COMFORT AND SAFETY

- Superior wide and roomy cab with ample legroom.
- New cushioning system to lower noise and vibration levels for the operator's ultimate comfort.
- Totally adjustable workstation with fully reclinable air –suspended seat.
- Air conditioning system with 25% more airflow and 6% better performances compared to B-Series.
- Wider glazed surface with single piece side window.
- New 7" LCD cluster for a more secure and safe working environment and to constant monitor the main machine parameters.



Specially designed full guard available as options to allow CASE model operates on the hard underfoot conditions, protecting from unexpected fallen-tree, demolition site or other falling objects. Heavy duty guard installed on the selected superior structure without reduce operator visibility. 4 pcs in-line cab light to improve working operations.



Strong and stable to operate on the soft underfoot conditions, i.e peat land with 7 ton payload. Standard track shoes 960mm Single Grouser, 171kN tractive effort. 580mm ground clearance



Tool box guard



RH Cab Side Guard



Top Cab Guard

QUALITY YOU CAN TRUST



HIGH VERSATILITY

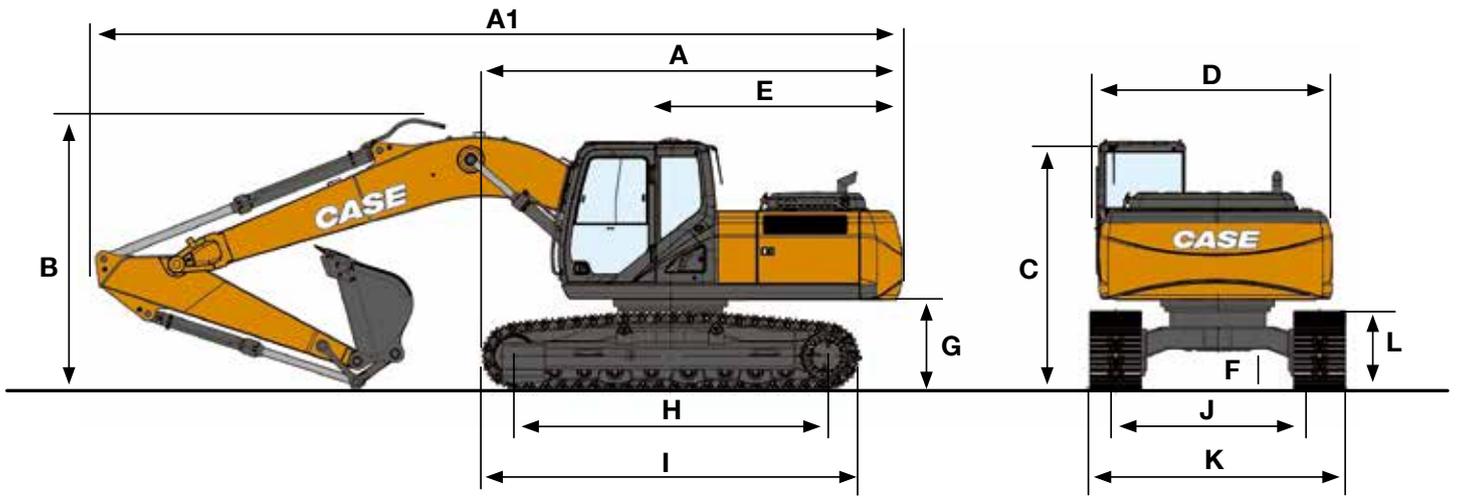
3 power modes to match any customer need:

- A** **AUTO:** for normal digging, grading, lifting and precision work.
- H** **HEAVY:** for heavy operations always granting the best balance between productivity and fuel economy.
- SP** **SUPER POWER:** extra speed and power for the most demanding jobs that require maximum productivity.



Operators can store up to 10 auxiliary hydraulic flow and pressure settings to easily switch among different attachments with no need of any mechanical adjustment.

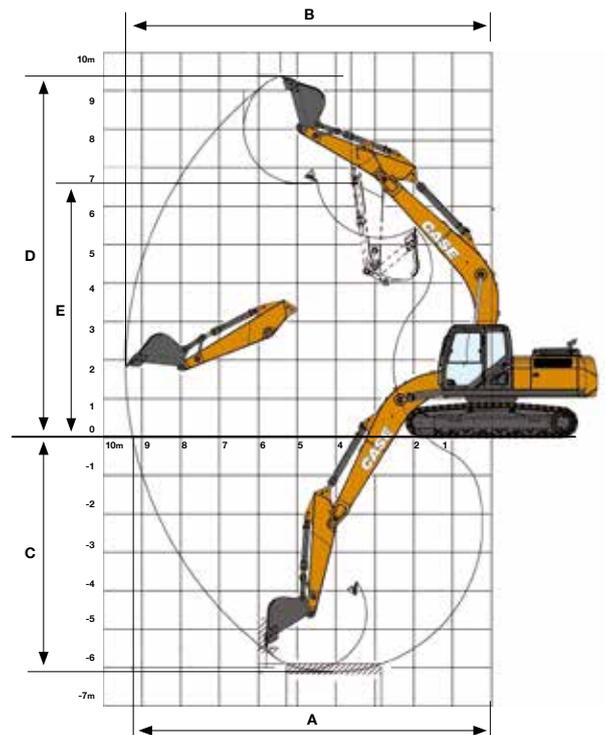


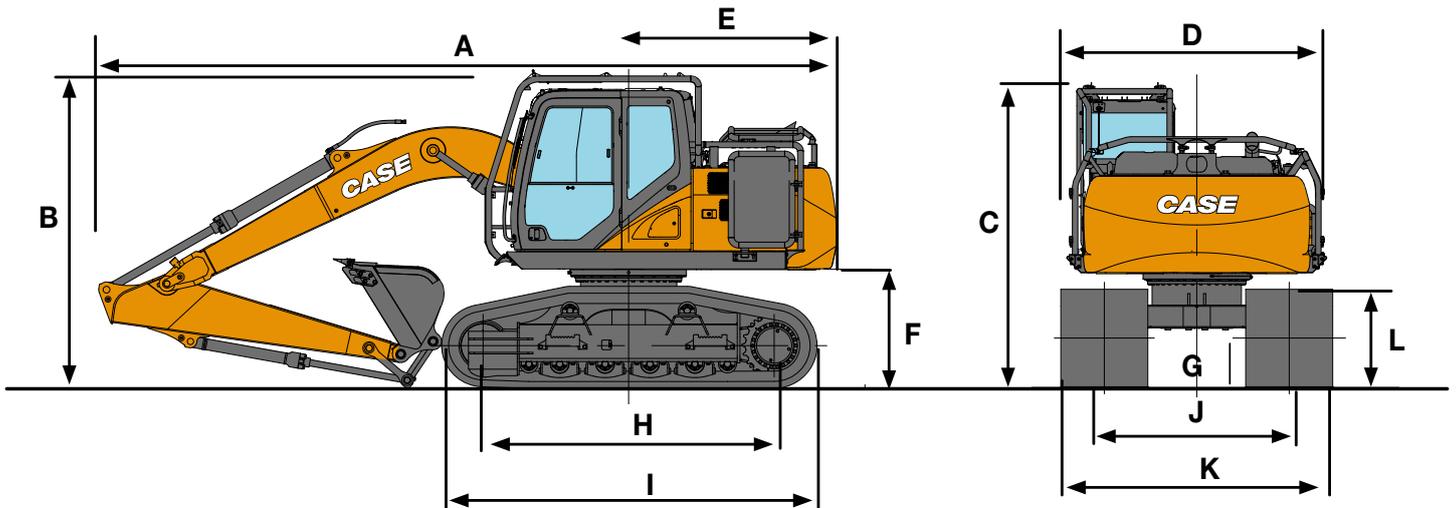


GENERAL DIMENSIONS		CX130C Arm 2.49 m	CX130C Arm 3.01 m
A - Overall length (without attachment)	mm	3880	3880
A1 - Overall length (with attachment)	mm	7620	7640
B - Overall height (with attachment)	mm	2820	2820
C - Cab height	mm	2800	2800
D - Upper structure overall width	mm	2540	2540
E - Swing (rear end radius)	mm	2130	2130
F - Clearance height under upper structure	mm	890	890
G - Minimum ground clearance	mm	425	425
H - Wheel base (Center to center of wheels)	mm	2790	2790
I - Crawler overall length	mm	3500	3500
L - Crawler tracks height	mm	780	780
J - Track gauge	mm	1990	1990
K - Undercarriage overall width (with 500 mm shoes)	mm	2490	2490

PERFORMANCE DATA		CX130C Arm 2.49 m	CX130C Arm 3.01 m
Boom length	mm	4630	4630
Bucket radius	mm	1200	1200
Bucket wrist action	°	178	178
A - Maximum reach at GRP	mm	8170	8640
B - Maximum reach	mm	8310	8770
C - Max. digging depth	mm	5540	6050
D - Max. digging height	mm	8770	9050
E - Max. dumping height	mm	6390	6680
Arm digging force with auto power up	kN	66	60
Bucket digging force with auto power up	kN	95	95

WEIGHT AND GROUND PRESSURE	OPERATING MASS	GROUND PRESSURE
2.50 m arm, 0.5 m ³ bucket, shoe, operator, lubricant, coolant and full fuel tank		
Philippines, Malaysia (600mm shoes)	12,600 Kg	0.034 MPa
Thailand, Myanmar (700 mm shoes)	13,200 Kg	0.030 MPa

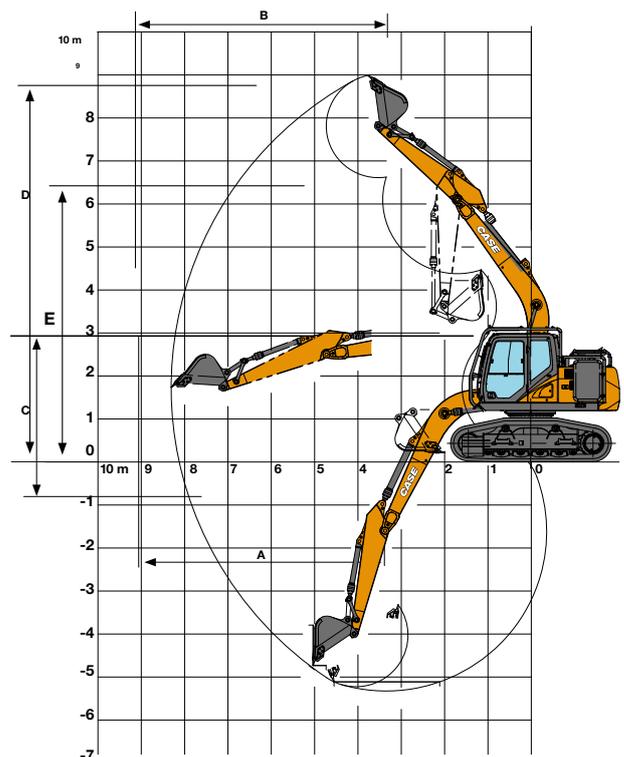




GENERAL DIMENSIONS		CX130C Forestry Arm 2.50 m	CX130C Forestry Arm 3.00 m
A - Overall length	mm	7550	7630
B - Overall height	mm	3120	3200
C - Cab height	mm	3110	3110
D - Upper structure overall width	mm	2540	2540
E - Swing (rear end radius)	mm	2130	2130
F - Clearance height under upper structure	mm	1170	1170
G - Minimum ground clearance	mm	580	580
H - Wheel base (Center to center of wheels)	mm	2980	2980
I - Crawler overall length	mm	3860	3860
L - Crawler tracks height	mm	1050	1050
J - Track gauge	mm	2040	2040
K - Undercarriage overall width (with 800 mm shoes)	mm	2840	2840

PERFORMANCE DATA		CX130C Forestry Arm 2.50 m	CX130C Forestry Arm 3.00 m
Boom length	mm	4630	4630
Bucket radius	mm	1200	1200
Bucket wrist action	°	178	178
A - Maximum reach at GRP	mm	8120	8590
B - Maximum reach	mm	8320	8770
C - Max. digging depth	mm	5280	5790
D - Max. digging height	mm	9050	9330
E - Max. dumping height	mm	6660	6950
Arm digging force with auto power up	kN	66	60
Bucket digging force with auto power up	kN	95	95

WEIGHT AND GROUND PRESSURE	OPERATING MASS	GROUND PRESSURE
3.0 m arm, full log, 960mm grouser shoe, Cage type cab guard, operator, lubricant, coolant and full fuel tank		
CX130C Forestry	16,100 Kg	0.025 MPa



SPECIFICATIONS			
ENGINE		CX130C	CX130C FORESTRY
Model		ISUZU GG-4JJ1X	ISUZU GG-4JJ1X
Type		Water-cooled, 4-cycle diesel, 4-cylinder in line, High pressure, common rail system (electric control), Turbocharger with air cooled intercooler.	
Emission certified			EGR Less
Displacement	l		3.0
Bore/Stroke	mm		95.4 x 104.9
Horsepower ISO 14396 GROSS	kW (hp) @ 2000 min ⁻¹		73 (98)
Horsepower SAE J1349 NET	kW (hp) @ 2000 min ⁻¹		70.9 (95)
Maximum torque ISO 14396 GROSS	Nm @ 1600 min ⁻¹		346
Maximum torque SAE J1349 NET	Nm @ 1600 min ⁻¹		340
HYDRAULIC SYSTEM			
Type		2 variable displacement axial piston pumps with regulating system	
Max oil flow	l/min @ 2000 min ⁻¹		2 x 129
Working circuit pressure			
Boom/Arm/Bucket	MPa		34.3
Boom/Arm/Bucket circuit (with auto power up)	MPa		36.3
Swing circuit	MPa		27.9
Travel circuit	MPa		34.3
SWING			
Maximum swing speed	min ⁻¹	14.3	14.1
Swing torque	Nm		33,000
FILTERS			
Suction filter	µm	105	105
Return filter	µm	6	6
Pilot line filter	µm	8	8
TRAVEL			
Travel motor		Variable displacement axial piston motor (Automatic travel speed shifting)	
Max travel speed	km/h	5.6	4.7
Low travel speed	km/h	3.4	2.5
Gradeability			70% (35°)
Drawbar pull	kN	117	161
ELECTRICAL SYSTEM			
Circuit	V		24
Alternator	Amp		50
Starter motor	kW		4.0
Batteries			2x12V 62 Ah/5HR
UNDERCARRIAGE			
Number of carriers rollers (each side)		1	2
Number of track rollers (each side)		7	6
Number of shoes (each side)		43	42
Type of shoe		Triple grouser shoe	Single grouser shoe
UNDERCARRIAGE			
Fuel tank	Lt		260
Hydraulic system	Lt		157
Cooling system	Lt		17,6
Engine Crank Case	Lt		17





LIFTING CAPACITIES

CX130C - 2.50 m Standard Arm, 600 mm shoes, 0.50 m³ bucket (400 kg), maximum reach at 8.31 m

7.5 m						1840*	1840*						1440*	1440*	5,22						
6.0 m										2390*	2130		1220*	1220*	6,7						
4.5 m						2920*	2920*	2830*	2100	1260*	1260*	1160*	1160*	1160*	7,53						
3.0 m							5280*	5280*	3980*	3240	2770	2000	1880	1330	1160*	1160*	7,94				
1.5 m								7760*	5690	4250	3000	2650	1890	1830	1280	1220*	1130	8,02			
0 m									2530*	2530*	7990*	5270	4040	2810	2550	1800	1780	1240	1360*	1160	7,8
-1.5 m									5030*	5030*	8020	5240	3950	2740	2510	1760			1630*	1310	7,25
-3.0 m									7830*	7830*	8170	5340	4000	2790	2570	1820			2200*	1660	6,31
-4.5 m											6550*	5520	4070	2910					3550*	2630	4,76

CX130C - 2.50 m Standard Arm, 700 mm shoes, 0.50 m³ bucket (400 kg), maximum reach at 8.31 m

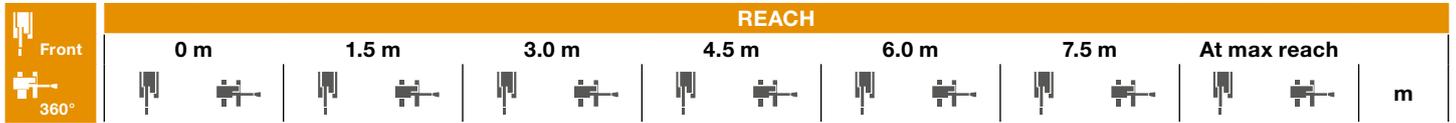
7.5 m						1840*	1840*						1440*	1440*	5,22						
6.0 m										2390*	2180		1220*	1220*	6,7						
4.5 m						2920*	2920*	2850*	2150	1260*	1260*	1160*	1160*	1160*	7,53						
3.0 m							5280*	5280*	3980*	3310	2840	2050	1920	1370	1160*	1160*	7,94				
1.5 m								7760*	5810	4340	3070	2720	1940	1870	1320	1220*	1160	8,02			
0 m									2530*	2530*	7990*	5390	4130	2880	2620	1840	1830	1280	1360*	1200	7,8
-1.5 m									5030*	5030*	8190	5360	4050	2800	2570	1800			1630*	1350	7,25
-3.0 m									7830*	7830*	8330	5460	4090	2850	2630	1870			2200*	1700	6,31
-4.5 m											6550*	5630	4070*	2980					3550*	2690	4,76

CX130C - 3.01 m Long Arm, 600 mm shoes, 0.50 m³ bucket (400 kg), maximum reach at 8.77 m

7.5 m															1310*	1310*	5,96														
6.0 m															2180*	2140*	7,26														
4.5 m															2540*	2100	1890	1340	1090*	1090*	8,02										
3.0 m															3400*	3220	2770*	1990	1840	1290	1090*	990	8,4								
1.5 m																6530*	5790	4240	2990	2620	1840	1770	1220	1150*	940	8,49					
0 m																	2550*	2550*	8060	5170	3970	2730	2480	1720	1710	1160	1280*	960	8,28		
-1.5 m																	3710*	3710*	4520*	4520*	7800	5010	3820	2600	2410	1650	1680	1140	1520*	1070	7,76
-3.0 m																	4980*	4980*	6590*	6590*	7930	5090	3840	2620	2430	1670		1950	1330	6,89	
-4.5 m																			10620	10620*	7270*	5310	3980	2790			2860	1980	5,49		

CX130C - 3.01 m Long Arm, 700 mm shoes, 0.50 m³ bucket (400 kg), maximum reach at 8.77 m

7.5 m															1310*	1310*	5,96														
6.0 m															2180*	2180*	7,26														
4.5 m															2540*	2150	1940	1370	1090*	1090*	8,02										
3.0 m															3400*	3270	2820	2030	1890	1330	1090*	1030	8,4								
1.5 m																6530*	5910	4330	3060	2680	1890	1820	1260	1150*	970	8,49					
0 m																	2550*	2550*	8230	5290	4070	2800	2550	1770	1760	1200	1280*	1000	8,28		
-1.5 m																	3710*	3710*	4520*	4520*	7970	5130	3920	2670	2470	1690	1730	1170	1520*	1110	7,76
-3.0 m																	4980*	4980*	6590*	6590*	8110	5210	3940	2690	2490	1720		1990*	1370	6,89	
-4.5 m																			10620*	10620*	7270*	5430	4060	2860			2930	2040	5,49		



LIFTING CAPACITIES

CX130C Forestry FULL - Arm 3.0, 960 mm shoes, bucket 0.50 m³

7.5 m								1690*	1690*			1270*	1270*	6,25		
6.0 m								2240*	2240*			1120*	1120*	7,43		
4.5 m								2570*	2570*	2100*	1900*	1080*	1080*	8,11		
3.0 m				4300*	4300*	3650*	3650*	3020*	2710*	2630*	1840*	1100*	1100*	8,44		
1.5 m				7010*	7010*	4790*	4030*	3630*	2560*	2630*	1770*	1170*	1170*	8,47		
0 m				2900*	2900*	8620*	7090*	5580*	3780*	3650*	2440*	2570*	1710*	1310*	1310*	8,21
-1.5 m	4030*	4030*	4800*	4800*	9070*	6980*	5630*	3670*	3580*	2380*	2180*	1700*	1580*	1580*	7,63	
-3.0 m			7300*	7300*	8540*	7070*	5550*	3710*	3610*	2430*			2130*	2060*	6,68	
-4.5 m			10830*	10830*	6760*	6760*	4310*	3820*					3310*	3090*	5,16	

CX130C Forestry FULL - Arm 2.5 STD, 960 mm shoes, bucket 0.50 m³

7.5 m								2050*	2050*				1360*	1360*	5,57	
6.0 m									2470*	2470*			1180*	1180*	6,89	
4.5 m								2980*	2980*	2930*	2780*	1580*	1580*	1130*	1130*	7,63
3.0 m				5610*	5610*	4120*	4120*	3340*	2700*	2510*	1850*	1140*	1140*	7,98		
1.5 m				7920*	7500*	5180*	4000*	3770*	2570*	2650*	1790*	1220*	1220*	8,01		
0 m				3020*	3020*	7970*	7060*	5750*	3790*	3670*	2470*	2460*	1750*	1380*	1380*	7,73
-1.5 m			5320*	5320*	9100*	7100*	5690*	3740*	3640*	2440*			1680*	1680*	7,11	
-3.0 m			8700*	8700*	8170*	7230*	5380*	3810*	3010*	2500*			2360*	2360*	6,08	
-4.5 m					5750*	5750*							3390*	3390*	4,38	

CX130C Forestry FULL - Long Arm 3.0, 960 mm shoes, bucket 0.50 m³

7.5 m								1690*	1690*			1270*	1270*	6,25		
6.0 m								2240*	2240*			1120*	1120*	7,43		
4.5 m								2570*	2570*	2100*	1810*	1080*	1080*	8,11		
3.0 m				4300*	4300*	3650*	3650*	3020*	2600*	2580*	1760*	1100*	1100*	8,44		
1.5 m				7010*	7010*	4790*	3860*	3580*	2450*	2510*	1680*	1170*	1170*	8,47		
0 m				2900*	2900*	8620*	6800*	5490*	3610*	3480*	2320*	2450*	1630*	1310*	1310*	8,21
-1.5 m	4030*	4030*	4800*	4800*	9070*	6690*	5380*	3500*	3410*	2260*	2180*	1620*	1580*	1570*	7,63	
-3.0 m			7300*	7300*	8540*	6780*	5390*	3540*	3460*	2310*			2130*	1950*	6,68	
-4.5 m			10830*	10830*	6760*	6760*	4310*	3670*					3310*	2950*	5,16	

CX130C Forestry FULL - Long Arm 2.5 STD, 960 mm shoes, bucket 0.50 m³

7.5 m								2050*	2050*				1360*	1360*	5,57	
6.0 m									2470*	2470*			1180*	1180*	6,89	
4.5 m								2980*	2980*	2930*	2690*	1580*	1580*	1130*	1130*	7,63
3.0 m				5610*	5610*	4120*	4040*	3340*	2580*	2510*	1760*	1140*	1140*	7,98		
1.5 m				7920*	7200*	5180*	3830*	3610*	2450*	2520*	1700*	1220*	1220*	8,01		
0 m				3020*	3020*	7970*	6780*	5510*	3630*	3500*	2350*	2460*	1660*	1380*	1380*	7,73
-1.5 m			5320*	5320*	9100*	6810*	5440*	3570*	3470*	2320*			1680*	1680*	7,11	
-3.0 m			8700*	8700*	8170*	6940*	5380*	3640*	3010*	2390*			2360*	2320*	6,08	
-4.5 m					5750*	5750*							3390*	3390*	4,38	



STANDARD EQUIPMENT

ENGINE

Water-cooled, 4-cycle diesel, 4-cylinder in line,
High pressure common rail system (electric control),
Turbocharger with air cooled intercooler
Three working modes (SP, H and A)
One touch idle / Auto deceleration / Auto idle
shutdown system

Automatic power-boost
Dial type throttle control

Emergency stop
Fan guard

Tropical package

HYDRAULICS SYSTEM

Two variable displacement axial piston pumps with
regulating system

One gear pilot pump

Control Valve with Boom/Arm holding valve

Swing motor with fixed displacement axial piston
type,

mechanical disc brake, planetary gear reduction, ball
bearing type with internal gear

Double-acting, bolt-up type cylinder tube-end

Hardened steel bushings installed in cylinder tube

and
rods ends

CAB & OPERATOR ENVIRONMENT

Smooth and round shape design cab, fabricated by
press

work. Safety glass for all windows

Shock-less cab suspension by 4-point fluid mounting

Sliding front window with auto lock

Forestry Head and Front guards

Windshield wiper & washer

Message display on full-color LCD monitor, Water
temperature, Hydraulic oil temperature, Fuel level,

Diagnosis system

Alarm display and buzzer

Waterproof type connector

Travel alarm

Double horn

AM/FM Radio with auto-tuner

Floor mat

Hinged skylight iron type

Auto air conditioner

Top guard OPG level 1 (in CAB structure)

Hot & cool box

Cup holder

Clock

Magazine rack

Accessories case

Coat hook

Cloth upholstered type seat with suspension

Reclining and sliding seat

Armrest & headrest

Rear view mirror (Cab side & Right side)

Emergency escape tool

Retracting seat belt

Gate lock lever

Anti-theft alarm system

UNDERCARRIAGE

Variable displacement axial piston travel motors with

planetary gear reduction final drives

Two carrier rollers (each side)

Seven track rollers (each side)

Long Undercarriage

960mm steel shoe, single grouser

EQUIPMENT

4.6m Boom

HD type bucket linkage

Halogen light 1 on boom side

OPTIONAL EQUIPMENT

OPTIONAL FEATURE

Double track guides

Four track guides

2.5m arm

3.0m arm

2 way selector valve

4 way selector valve

Refuel pump

Rain deflector

Sun visor

See through skylight plastic window

Halogen light 2 on cab top

Halogen light 4 on cab top

Halogen light 1 on boom foot

Halogen light 2 on boom side

Mech-suspension seat

Air-suspension seat

Air-pre cleaner - cyclone type

Air-pre cleaner - raincap type

GPS module provision (connector and antenna)

Dc-dc convertor



BUILDING A STRONG CASE.

Since 1842, at CASE Construction Equipment we have lived by an unwavering commitment to build practical, intuitive solutions that deliver both efficiency and productivity.

We continually strive to make it easier for our customers to implement emerging technologies and new compliance mandates.

Today, our global scale combined with our local expertise enables us to keep customers' real-world challenges at the center of our product development.

The vast CASE dealers' network is always ready to support and protect your investment and exceed your expectations, while also providing you with the ultimate ownership experience.

Our goal is to build both stronger machines—and stronger communities. At the end of the day, we do what's right for our customers and our communities so that they can count on CASE.

CaseCE.com

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 Industrial reserves the right to modify machine specifications without incurring any obligation relating to such changes.

Conforms to directive 2006/42/EC

