

**C-SERIES HYDRAULIC EXCAVATORS  
CX260C**

**CASE**  
CONSTRUCTION



**QUALITY  
YOU CAN TRUST**

[www.casece.com](http://www.casece.com)  
**EXPERTS FOR THE REAL WORLD**  
**SINCE 1842**

# MAIN REASONS



## HIGH EFFICIENCY

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



## HIGH RELIABILITY

Robust design.  
Increased durability.  
Lower cost of ownership.  
With the CASE top manufacturing quality and heavy duty arm/boom.



## COMFORT AND SAFETY

Spacious and safe cab.  
Low noise and vibrations.  
Ergonomic workstation.  
Real time parameters monitoring.  
Fully adjustable seat/joysticks and brand new LED cluster.



## HIGH PRECISION AND CONTROLLABILITY

High performance, smooth control and fuel saving with CASE Intelligent Hydraulic System.



# TO CHOOSE THE CX260C



## OUTSTANDING VISIBILITY

Safe and fast operations.

More comfort with wider glazed area and rear/side cameras.



## FAST CYCLES

Higher breakout force.

Continuous operations.

Up to 10% higher digging capability.

With H/SP modes and

Auto Power boost.



## HIGH VERSATILITY

The perfect machine for every application.

With 3 available power modes and 10 auxiliary hydraulic settings.



## 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.

# C - SERIES

## RELIABLE ENGINE

The CX260C is powered by **Tier III 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 saving level utilized.

- **Auto Idle:** lowers engine rpm after 5 seconds of lever inactivity;
- **Idle Shutdown:** shuts the engine down after a pre-set time.



## HIGH RELIABILITY

Improved design for lounge performances

- Monoboom is Heavy Duty as standard **to ensure the best durability in every working conditions.**
- New high strength casting parts with joined hinge flanges **reduce stress on components.**
- The 'sloped' lower frame design reduces the time needed to clean the undercarriage.



**Accurate, simple and robust design for high durability**

- The CX260C delivers leading design solutions and manufacturing quality.
- Boom and arm feature forged brackets and **reduced tolerances for increased component life minimizing downtime.**
- The anti-friction resin shims in the boom foot and head reduce noise and free play, **increasing durability and reliability for the customer.**
- New synthetic hydraulic filter reduces system contamination, **cutting service costs and boosting machine longevity.**



## HIGH EFFICIENCY AND 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.

CASE advanced energy management consists of 5 Energy Saving Controls:

- **Torque Control:** electronic control of the hydraulic oil flow 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):** automatic pressure adjustment during digging and leveling operations
- Idle functions



# CRAWLER EXCAVATORS



## 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 settings** (and pressures as optional) to easily switch among different attachments with no need of any mechanical adjustment.



## 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 for more efficient cooling and easy access for cleaning.
- Optional refueling pump with auto cut off reduces downtime for regular fills.



# C - SERIES



## 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.



## OUTSTANDING VISIBILITY

- Wider glazed surface with single piece side window.
- New 7" LED cluster for a more secure and safe working environment and to constant monitor the main machine parameters.

# CRAWLER EXCAVATORS



# C- SERIES

## CX260C

### ENGINE

Manufacturer Model \_\_\_\_\_ ISUZU GH-4HK1X  
Type \_\_\_\_\_ Water-cooled, 4-cycle diesel, 4-cylinder in line,  
electronically controlled, high pressure common rail system, variable  
geometry turbocharger, air cooled intercooler  
Emission certified \_\_\_\_\_ Tier 3  
Displacement \_\_\_\_\_ 5.19 l  
Bore/Stroke \_\_\_\_\_ 115 x 125 mm  
Horsepower ISO 14396 GROSS \_\_\_\_\_ 140 kW (188 hp) at 2000 min<sup>-1</sup>  
Horsepower SAE J1349 NET \_\_\_\_\_ 132.1 kW (177 hp) at 2000 min<sup>-1</sup>  
Maximum torque SAE J14396 GROSS \_\_\_\_\_ 643 Nm at 1800 min<sup>-1</sup>  
Maximum torque SAE J1349 NET \_\_\_\_\_ 622 Nm at 1800 min<sup>-1</sup>

### HYDRAULIC SYSTEM

Type \_\_\_\_\_ 2 variable displacement axial piston pumps with regulating system  
Max. oil flow \_\_\_\_\_ 2 X 234 liter/min at 2000 min<sup>-1</sup>  
Working circuit pressure \_\_\_\_\_  
Boom/Arm/Bucket circuit \_\_\_\_\_ 34.3 MPa  
Boom/Arm/Bucket circuit (with auto power up) \_\_\_\_\_ 36.8 MPa  
Swing circuit \_\_\_\_\_ 28.9 MPa  
Travel circuit \_\_\_\_\_ 34.3 MPa

### SWING

Maximum swing speed \_\_\_\_\_ 11,0 min<sup>-1</sup>  
Swing torque \_\_\_\_\_ 74,900 Nm

### FILTERS

Suction filter \_\_\_\_\_ 105 µm  
Return filter \_\_\_\_\_ 6 µm  
Pilot line filter \_\_\_\_\_ 8 µm

### TRAVEL

Travel motor \_\_\_\_\_ Variable displacement axial piston motor  
(Automatic travel speed shifting)  
Max travel speed \_\_\_\_\_ 5.5 km/h  
Low travel speed \_\_\_\_\_ 3.5 km/h  
Gradeability \_\_\_\_\_ 70% (35°)  
Drawbar pull \_\_\_\_\_ 201 kN

### ELECTRICAL SYSTEM

Circuit \_\_\_\_\_ 24 V  
Alternator \_\_\_\_\_ 50 Amp  
Starter motor \_\_\_\_\_ 5.0 kW  
Battery \_\_\_\_\_ 2 x 12 V 92 Ah/5 HR

### UNDERCARRIAGE

Number of carriers rollers (each side) \_\_\_\_\_ 2  
Number of track rollers (each side) \_\_\_\_\_ 9  
Number of shoes (each side) \_\_\_\_\_ 51  
Type of shoe \_\_\_\_\_ Triple grouser shoe

### CAPACITIES

Fuel tank (l) \_\_\_\_\_ 410  
Hydraulic system (l) \_\_\_\_\_ 250  
Cooling system (l) \_\_\_\_\_ 30,2  
Engine crank case (l) \_\_\_\_\_ 23,1

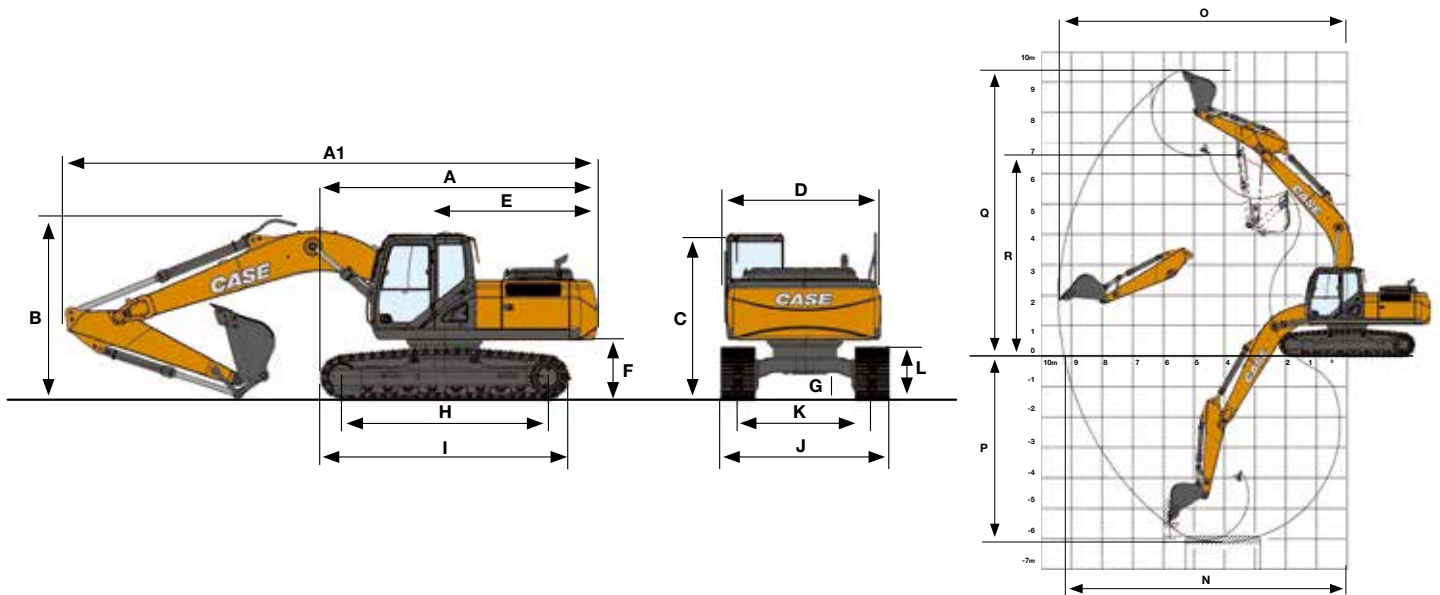
### WEIGHT

3.00 m arm, 1.1 m<sup>3</sup> bucket, 600mm grouser shoe,  
operator, lubricant, coolant and full fuel tank

	CX300C
OPERATING MASS	24,800 kg
GROUND PRESSURE	0.050 Mpa

# CRAWLER EXCAVATORS

## GENERAL DIMENSIONS



























Arm Length		2.50 m	3.00 m	3.50 m
A	Overall length (with attachment)	mm	5270	5270
A1	Overall length (with attachment)	mm	9980	9930
B	Overall height (with attachment)	mm	3310	3150
C	Cab height	mm	3000	3000
D	Upper structure overall width	mm	2770	2770
E	Swing (rear end radius)	mm	2950	2950
F	Clearance height under upper structure	mm	1100	1100
G	Minimum ground clearance	mm	440	440
H	Wheel base (Center to center of wheels)	mm	3840	3840
I	Crawler overall length	mm	4650	4650
L	Crawler tracks height	mm	940	940
J	Track gauge	mm	2590	2590
K	Undercarriage overall width (with 600 mm shoes)	mm	3190	3190

## PERFORMANCE DATA



























Arm Length		2.50 m	3.00 m	3.50 m
	Boom length	mm	5850	5850
	Bucket radius	mm	1580	1580
	Bucket wrist action	°	175	175
A	Maximum reach at GRP	mm	9630	10100
B	Maximum reach	mm	9820	10280
C	Max. digging depth	mm	6400	6900
D	Max. digging height	mm	9560	9760
E	Max. dumping height	mm	6550	6760
	Arm digging force with auto power up	kN	151 kN	129 kN
	Bucket digging force with auto power up	kN	174 kN	174 kN

# LIFTING CAPACITY

 Front  360°	REACH										
	0 m	1.0 m	2.0 m	3.0 m	4.0 m	5.0 m	6.0 m	7.0 m	8.0 m	9.0 m	At max reach
	 	 	 	 	 	 	 	 	 	 	 

CX260C Std Arm 3.0m, Bucket: 1.10m<sup>3</sup> 810 (kg), 600 mm shoes, Max Reach: 10.30 m



8.0 m																	3160*	3160*							2460*	2460*	7,83
7.0 m																	4340*	4340*	3980*	3980*					2340*	2340*	8,57
6.0 m																	5150*	5070	4720*	4070	2850*	2850*	2270*	2270*	9,12		
5.0 m																	5550*	5080	5080*	4000	4100*	3190	2250*	2250*	9,51		
4.0 m										7410*	7410*	6590*	6320	5960*	4930	5490*	3900	4830*	3140	2260*	2260*			2260*	2260*	9,77	
3.0 m						13390*	13390*	10980*	10980*	8740*	8190	7430*	6150	6590*	4770	5830	3790	4790	3070	2310*	2310*			2310*	2310*	9,9	
2.0 m						12120*	12120*	12870*	11220	10010*	7870	8260*	5900	7090*	4600	5740	3680	4710	3000	2390*	2390*			2390*	2390*	9,92	
1.0 m						8710*	8710*	13950*	10630	11030*	7510	8920*	5670	7000	4450	5630	3580	4640	2930	2510*	2510			2510	2510	9,83	
0 m				5370*	5370*	9280*	9280*	14690*	10270	11680*	7250	8800	5490	6860	4330	5540	3500	4590	2880	2680*	2680*			2680*	2680*	9,64	
-1.0 m		6580*	6580*	8110*	8110*	10820*	10820*	15200*	10160	11760	7100	8660	5370	6760	4240	5480	3440	4570	2860	2920*	2920*			2920*	2920*	9,33	
-2.0 m		9740*	9740*	9720*	9720*	12990*	12990*	15170*	10180	11720	7080	8620	5340	6740	4220	5480	3450			3260*	3260*			3260*	3260*	8,9	
-3.0 m		10370*	10370*	12000*	12000*	15900*	15900*	14740*	10260	11670	7130	8650	5380	6780	4270	5540	3520			3770*	3770*			3770*	3770*	8,34	
-4.0 m		12580*	12580*	15890*	15890*	17990*	17990*	17310	13830*	10410	11060*	7250	8690	5490	6850	4420								4590*	3800	7,61	
-5.0 m				19740*	19740*	15730*	15730*	12260*	10620	9800*	7470*	7810*	5710											6170*	4710	6,68	
-6.0 m						12220*	12220*	9550*	9550*	7280*	7280*													5980*	5980*	5,44	

 Front  360°	REACH																					
	0 m	1.0 m	2.0 m	3.0 m	4.0 m	5.0 m	6.0 m	7.0 m	8.0 m	9.0 m	10.0 m	At max reach										
	 	 	 	 	 	 	 	 	 	 	 	 	m									

CX260C Long Arm 3.5m, Bucket: 1.00m<sup>3</sup> 790 (kg), 600 mm shoes, Max Reach: 10.80 m

9.0 m																														
8.0 m																														
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# STANDARD AND OPTIONAL

 Front  360°	REACH											At max reach	m
	0 m	1.0 m	2.0 m	3.0 m	4.0 m	5.0 m	6.0 m	7.0 m	8.0 m	9.0 m			

CX26C Short Arm 2.5m, Bucket: 1.30m<sup>3</sup> 870 (kg), 600 mm shoes, Max Reach: 9.85 m

8.0 m																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																					</
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## STANDARD EQUIPMENT

### ENGINE

Isuzu 6-cylinder turbo-charged diesel  
Tier 3 /EU stage III A Certified  
Electronic fuel injection  
High pressure common rail system  
Neutral safety start  
Auto-engine warm up, emergency stop  
Glow-plug pre-heat  
EPF (Engine Protection Feature)  
Dual-stage fuel filtration  
Dual element air filter  
Remote oil filter  
Green plug oil drain  
500-hour engine oil change interval  
24-Volt system  
Battery disconnect switch  
High ambient temperature cooling package  
Fuel cooler  
Fuel filter restriction indicator  
Idle start  
Radiator, oil cooler, intercooler  
Refueling Pump

### FUEL ECONOMY SYSTEMS

Engine Idle/Fuel Economy System:  
Auto-idle  
One-touch idle  
Auto-idle shut-down  
Torque control  
Boom Economy Control (BEC)  
Swing Relief Control (SWC)  
Spool Stroke Control (SSC)

### HYDRAULICS

Auto power boost  
Auto travel speed change  
Selectable work modes  
Single acting pedal activated hammer circuit  
Pre-set auxiliary pump settings  
Switch controlled auxiliary selection  
Hydraulic filter restriction indicator  
Oil cooler  
5,000 hour hydraulic oil change interval  
2,000 hour hydraulic filter change interval

### UPPERSTRUCTURE

ISO mirrors  
Handrail – RH access  
ISO guard rails  
Isolation mounted cab (4 point fluid mounting)  
Lifting eyes for counterweight  
Lockable fuel cap, service doors and toolbox  
Rear and side view safety camera

### UNDERCARRIAGE

600 mm steel triple grouser shoes  
LC type (Long Carriage) undercarriage  
Full overlap turntable bearing tub  
Sealed link chain  
Double center track guards on CX350C  
Full Track Guards on CX370C

### ATTACHMENTS

HD Monoboom 6.45 m  
HD Arm 2.63 m

HD bucket linkage without hook  
Boom mounted work light  
Auxiliary pipe brackets  
Centralized lube bank  
Attachment cushion valve

### OPERATOR STATION

Pressurized cab  
Safety glasses for all windows  
Sun visor&rain deflector  
AC/heat/defrost w/auto climate control  
Hot&coolbox, cup holder & ashtray  
Cloth covered air-suspension seat fully adjustable and reclinable  
Adjustable armrests  
Tilting consoles - 4-position  
Low-effort joystick controls  
Sliding cockpit 180 mm  
Auxiliary select system  
Multifunction LED color monitor (180 mm)  
Anti-theft system (start code system)  
Rubber floor mat  
12 V electric socket /24 Vcigarette lighter  
One-piece right hand window  
Internal & external view mirrors  
Working lights (boom&upperstructure)  
Cab top working lights  
Windshield wiper / washer  
Storage compartments  
On-board diagnostic system

## OPTIONAL EQUIPMENT

### HYDRAULICS

Clamshell circuit/Low-flow circuit  
Single/Double acting multifunction auxiliary circuit - pedal activated (hammer/high flow)

### ATTACHMENTS

HD Arm 3.25 m  
Hydraulic quick coupler provision  
Safety valves and HD bucket linkage with hook

### UNDERCARRIAGE

700 / 800 mm steel shoes  
Full Track Guards on CX350C  
Double center track guards on CX370C

### OPERATOR STATION

ROPS level II

Front cab guard - vertical bars (OPG level 2)  
Front cab guard - vertical bars (OPG level 1)  
Front mesh screen  
AM/FM CD/radio with antenna and 2-speakers  
**OTHERS**  
Overload warning device  
Travel alarm



## PARTS AND SERVICE

Wide network of customer support across the world.

No matter where you work, we're here to support and protect your investment and exceed your expectations. You can count on Case and your Case dealer for full-service solutions-productive equipment, expert advice, flexible financing, genuine Case parts and fast service. We're here to provide you with the ultimate ownership experience. To locate a Case dealer or learn more about Case equipment or customer service, go to [www.casece.com](http://www.casece.com)

**NOTE:** CASE provides specific outfits for various countries and many optional fittings (OPT). The illustrations on this or other leaflets may relate to standard or optional fittings. Please consult your CASE dealer for any information in this regard and any possible updating on components. CNH Industrial reserves the right to modify machine specifications without incurring any obligation relating to such changes.

