

**C-SERIES MINI EXCAVATORS**  
**CX57C | CX60C**

**CASE**  
CONSTRUCTION



**READY FOR THE  
CHALLENGE**

[www.casece.com](http://www.casece.com)

**EXPERTS FOR THE REAL WORLD**  
**SINCE 1842**



# C-SERIES MINI EXCAVATORS



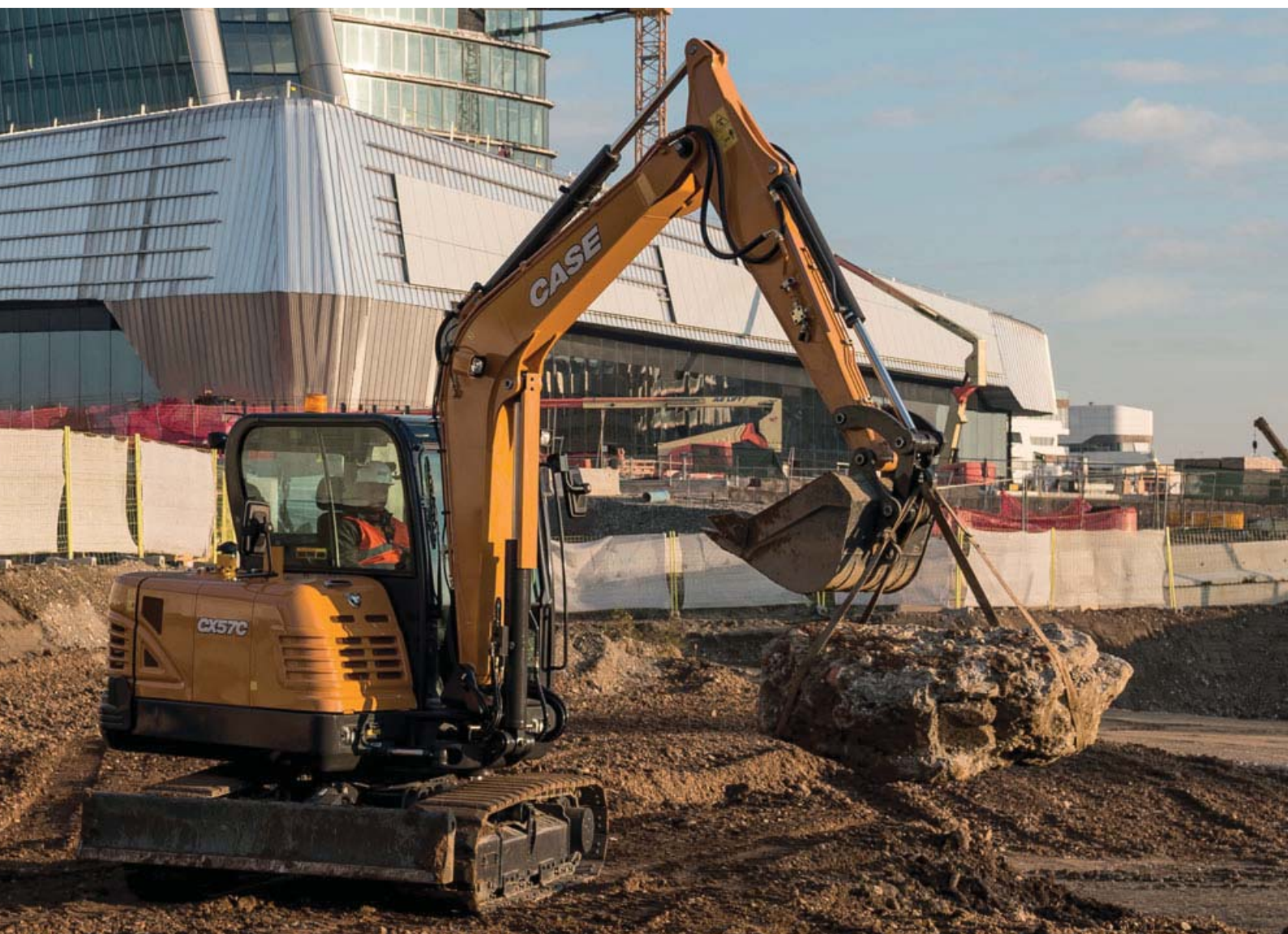
## EXPERTS FOR THE REAL WORLD SINCE 1842

- 1842** Jerome Increase Case founded Racine Threshing Machine Works in Racine, Wisconsin, USA.
- 1912** CASE manufactures road building equipment.
- 1969** CASE begins skid steer loader production.
- 1988** CASE recognized by Fortune magazine: listed by Fortune magazine among the "100 Products America Makes Best."
- 1995** CASE expands attachment offering: co-branding and supply agreements with several key attachment suppliers.
- 2011** CASE leads Tier 4 solutions.



# CASE BRAND HERITAGE

## MORE THAN 175 YEARS OF PRIDE AND COMMITMENT



**2011** Long Enters Hall of Fame: CASE engineer, “father of the loader/backhoe”, is inducted into the Construction Equipment Hall of Fame.

**2016** CASE starts the production of C-Series mini excavators up to 5t in San Mauro Plant for the global market.

### SAN MAURO PLANT AWARDS



**ISO 9001**  
Product quality  
since 2008



**ISO 14001**  
Environment quality  
2004



**ISO 18001**  
Safety management  
2007



**ISO 50001**  
Energy management  
2011



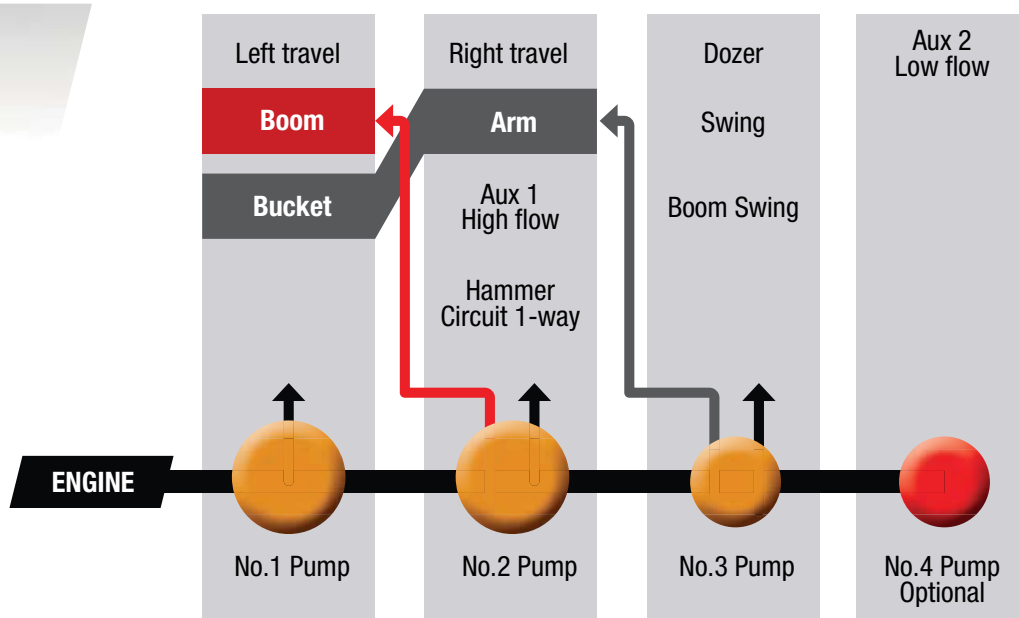
# C-SERIES MINI EXCAVATORS



## OUTSTANDING PRODUCTIVITY

Smooth hydraulics with flow summation system

- CX57C and CX60C deliver fast cycle time and smooth simultaneous movements thanks to an efficient hydraulic system.
- The flow summation on the boom-up movement increases cycle speed.
- An additional pump minimizes simultaneous movements' interference.
- Auxiliary hydraulic circuits are easily controlled from the right and left joysticks.



# THE PRODUCTIVITY WITHOUT CONSTRAINTS



## HIGH EFFICIENCY

Clean and powerful engine

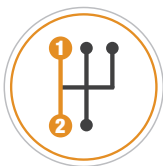
- Powerful electronic Tier 4 Final / Stage IIIB engine.
- Low fuel consumption with standard auto-idle system and 2 working modes.
- High Pressure Common Rail technology for optimal fuel usage.



## HIGH VERSATILITY

Tailor made machines for your specific needs

- Short radius or conventional tail swing (CX60C and CX57C).
- Long and short arms available for maximum digging depth or maximum breakout force.
- Additional counterweights for increased stability and lifting capacity.



## OPTIMIZED TRACTION AND SPEED

Auto Shift-Down feature

The standard Auto Shift-Down feature enhances travel torque and secures travel speed by automatically changing from 2<sup>nd</sup> to 1<sup>st</sup> gear when additional traction is required, and then back from 1<sup>st</sup> to 2<sup>nd</sup> gear as soon as torque demand decreases.



# C-SERIES MINI EXCAVATORS



## MODERN AND FUNCTIONAL CLUSTER

Easy-to-read digital cluster

**Everything under Control:** Advanced 5.7" color LCD - Touch screen - 12 languages - Engine coolant temperature - Hydraulic oil temperature - Fuel tank level - Complete maintenance information



## PEACE OF MIND

ESL Anti-theft

ESL Anti-theft is an Engine Start Limitation (ESL) requiring a 5-digit code can be set by the Operator.



## READY FOR TECHNOLOGY

Convenient hands-free feature

- Standard hands-free feature: control mobile phone and radio via Bluetooth.
- MP3 compatible Radio with USB plug and AUX plug for headphones.



## READY FOR HOT AND COLD WHEATHER

Automatic climate control

Standard automatic climate control grants a pleasant temperature inside the cab and heated seat.



RADIO AND USB

AUTOMATIC A/C

SUNSHADES

STORAGE COMPARTMENTS

# STRESS-FREE WORKING ENVIRONMENT



## COMFORT COUNTS

Higher class roominess

- Excellent interior space and cab accessibility make operators daily job more pleasant and relaxed.
- The seat features a weight suspension system, it is heated and fully adjustable.



## LOW NOISE AND VIBRATIONS LEVEL

Designed for top Operator's satisfaction

Cab mounted on silent blocks combined with proper noise isolation result in a very quite work environment for C-Series Operators.



## HIGH VISIBILITY

Fully glazed cab

- Slim and robust cab pillars allow the usage of large glazed areas that provide outstanding all round visibility.
- Rear view camera as well as rear working lights are available to further enhance visibility.



BOTTLE HOLDER



HOOK



PLUGS, 12V OUTLET, SWITCHES



SWITCHES

CONTROL PANEL



# MAIN REASONS TO CHOOSE THE C-SERIES



## OUTSTANDING PRODUCTIVITY

- Flow summation
- Best-in-class engine power and torque
- Superior lifting capacity



## EXCELLENT WORKING RANGE

- Long and short dipper sticks available
- Ample boom swing angles



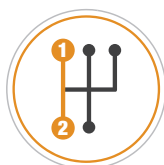
## GREAT RELIABILITY

- X-frame undercarriage
- Cylinder protections
- Low risk of detracking with double-flange rollers
- 3-piece track guide as standard
- Full track guide as optional



## HIGH VERSATILITY

- Integrated attachments' offering
- Mono or bi-directional hydraulic oil flow
- Additional counterweights available
- Several track options available



## OPTIMIZED TRACTION AND SPEED

- Auto shift-down feature
- Efficient travel motors
- Triple-grouser steel tracks with 5 double-flanged rollers







### COMFORT COUNTS

- Low noise inside the cab
- 1° and 2° auxiliary hydraulics control on joysticks
- Touch screen multicolour cluster
- Radio with USB
- Full suspension heated seat
- Automatic Air Conditioning



### SAFETY FIRST

- ROPS / FOPS / TOPS certified cab
- Pilot circuit with accumulator
- Object Handling Kit
- Blade safety valves



### HIGH EFFICIENCY

- Auto-idle function
- Two working modes
- High Pressure Common Rail technology



### EASY SERVICEABILITY

- Easy access to battery, hydraulic valves and all regular service components
- Centralized greasing points
- Pressure check points on hydraulic valves
- Long life of regular maintenance components
- Forward tilting cab (CX60C only)





# C-SERIES MINI EXCAVATORS



## SAFETY FIRST

### No compromise on safety

- **ROPS / TOPS / FOPS:** all C-Series models and versions comply with Roll-Over / Tip-Over and Falling Objects -Protective-Structure requirements.
- **Emergency stop switch:** CX57C and CX60C have as a standard feature a switch that immediately stops the engine in case of an emergency.
- **Pilot system with accumulator:** this standard feature allows the operator to put the attachment down safely even with engine turned off for greater safety.
- **Travel alarm:** an acoustic alarm alerts the people near the machine when it moves forward or backward. This feature is optional on both CX57C and CX60C.
- **Blade safety valves:** prevent the load from slipping or dropping due to hose failure (optional on CX57C and CX60C).
- **Double-flange rollers:** de-tracking can be dangerous for the operator and the people near the machine. CASE C-Series minis have a double-flange roller design that minimizes the risk of de-tracking.
- **Short Radius (SR):** the Short Radius design (on CX60C) means very low risk of hitting obstacles with the rear of the machine when swinging, and creates less obstruction to road traffic.
- **Object handling kit:** includes safety valves on boom and arm, lifting hook on bucket linkage, and an overload alarm to handle heavy weights safely.



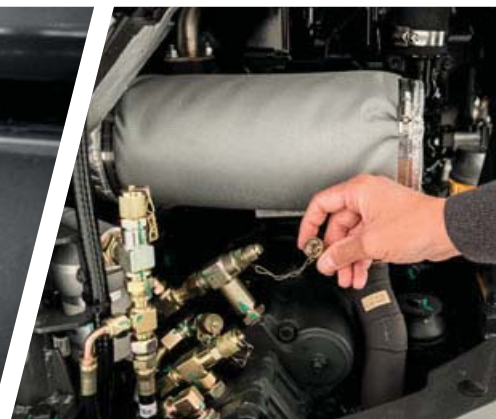
# STRESS-FREE MAINTENANCE



## EASY AND SAFE SERVICEABILITY

If it's easy it gets done

- Convenient access to all regular service points thanks to a large engine hood.
- Long life of regular maintenance components.
- Forward tilting cab (CX60C only).
- Convenient pressure check points on valves.
- Centralized greasing points and easy to change air filter.



All models are Site Watch telematics pre-wired.

# C-SERIES MINI EXCAVATORS

## SPECIFICATIONS

### ENGINE

	CX57C	CX60C
Model _____	Yanmar 4TNV98C	Yanmar 4TNV98C
Displacement (cm <sup>3</sup> ) _____	3319	3319
Rated gross horse power (hp/kW) _____ (ISO 14396)	66.9 / 49.9	64.7 / 48.3
@ rpm _____	2400	2200
Max torque (Nm/rpm) _____	235 / 1550	235 / 1560
Emissions level _____	T4F   Stage IIIB	T4F   Stage IIIB

### HYDRAULIC SYSTEM

Variable displacement axial piston pumps		
- Pump delivery (l/min) _____	2 x 57.8	2 x 55
- Pressure (bar) _____	220	220
Gear pump delivery		
- Pump delivery (l/min) _____	38.4	36.6
- Pressure (bar) _____	220	220
Hammer Circuit 1-way		
- Pump delivery (l/min) _____	57.8	55
- Pressure (bar) _____	220	220
1st Auxiliary 2-way Circuit		
- Pump delivery (l/min) _____	57.8	55
- Pressure (bar) _____	220	220
2nd Auxiliary 2-way Circuit		
- Pump delivery (l/min) _____	30	30
- Pressure (bar) _____	160	160

### SLEWING & TRAVEL SPEED

	CX57C	CX60C
Slewing speed (rpm) _____	9.1	8.8
Boom slewing angle (left/right) _____	80° / 50°	70° / 50°
Travel Speed - Low (1 <sup>st</sup> ) (km/h) _____	2.1	2.0
Travel Speed - High (2 <sup>nd</sup> ) (km/h) _____	4.1	3.9

### OPERATING WEIGHT

(includes operator, full fuel tank, steel track 380 mm and one bucket)  
Cab (kg) \_\_\_\_\_ 5580 | 5980

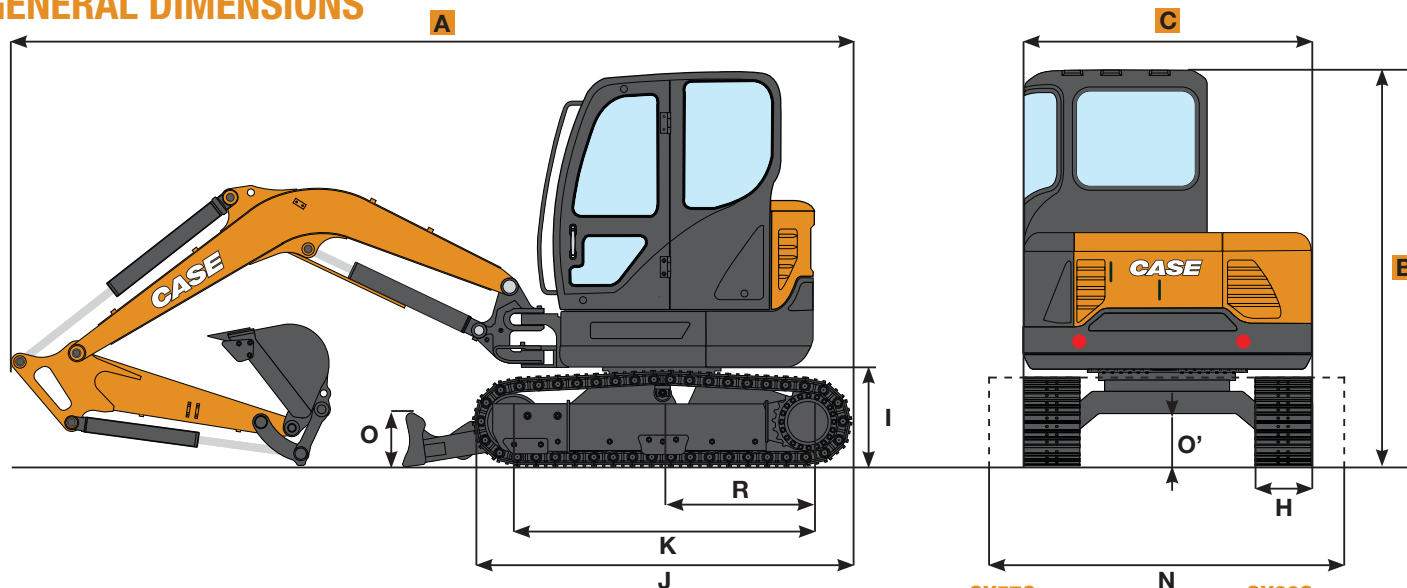
### TRANSPORT FEATURE

(weight is with full fuel tank, without operator, without bucket)

Weight (Cab) (kg) _____	5410	5850
<b>A</b> Max length (mm) _____	5900   5930*	5600   5625*
<b>B</b> Max height (mm) _____	2550	2550
<b>C</b> Max width (mm) _____	1920	1980

\* Long arm

## GENERAL DIMENSIONS

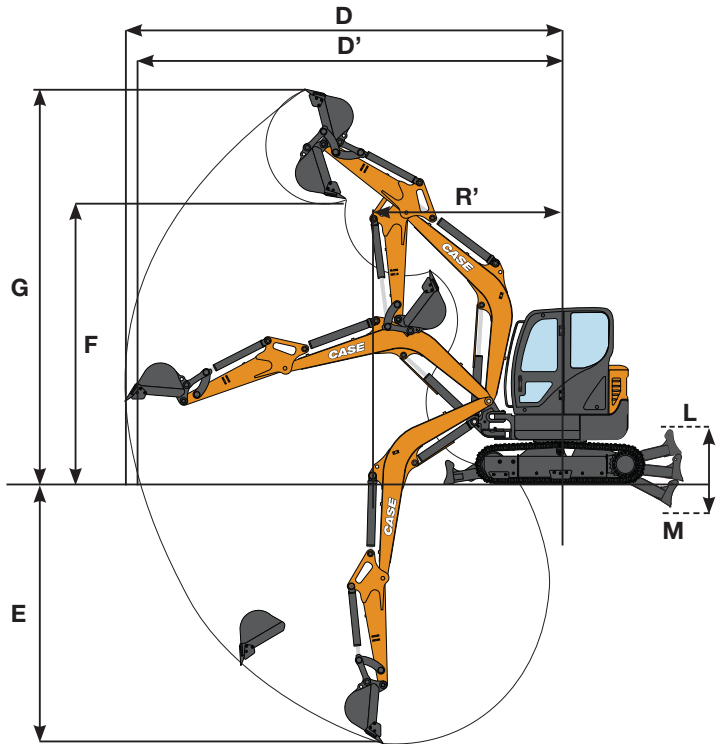


		CX57C	CX60C	
R	Rear end swing radius	mm	1650	1080
R'	Min front slew radius	mm	2350 - 2360	2420 - 2510
H	Track width	mm	380	380
I	Ground clearance of rear end	mm	690	660
J	Overall Length of Crawler	mm	2530	2530
K	Center distance of tumblers	mm	1990	1990
L	Blade max lifting	mm	390	200
M	Blade max lowering	mm	590	700
N	Blade width	mm	1920	1980
O	Blade height	mm	350	350
O'	Ground clearance of undercarriage	mm	380	380



## DIGGING PERFORMANCES

		CX57C		CX60C	
Dipperstick	mm	1600	1900	1480	1900
Dipperstick Breakout force (ISO)	kN	31.9	28.7	26.5	22.4
Bucket Breakout force (ISO)	kN	42.4	42.4	40.9	40.9
D Max reach	mm	6150	6400	6150	6480
D' Max reach at ground level	mm	6010	6270	6010	6350
E Max digging depth	mm	3820	4060	3570	3990
F Max dump height	mm	4050	4180	3930	4100
G Max digging height	mm	5780	5920	5680	5850



## LIFTING CAPACITIES

Lift point height (m)	Arm	LIFT-POINT RADIUS					
		2.0 m		3.0 m		4.0 m	

**CX57C Cab** - Long arm, no bucket, std counterweight, steel track (380 mm)

Lift point height (m)	kg	Blade up	Blade down	LIFT-POINT RADIUS			
				2.0 m	3.0 m	4.0 m	5.0 m
1.0 m	kg			1630	1310	1060	870
				*2450	1450	*1700	960
0.0 m	kg			*1500	*1500	1550	1240
				*1500	*1500	*2830	1380
				*1900	920		
-1.0 m	kg			*2740	2310	1520	1220
				1000	810		
				*2740	2630	*2840	1350
				*1940	900		

**CX57C Cab** - Long arm, no bucket, additional counterweight (+100 kg), steel track (380 mm)

Lift point height (m)	kg	Blade up	Blade down	LIFT-POINT RADIUS			
				2.0 m	3.0 m	4.0 m	5.0 m
1.0 m	kg			1720	1390	1120	930
				*2450	1540	*1700	1020
0.0 m	kg			*1500	*1500	1640	1320
				*1500	*1500	*2830	1460
				*1900	970		
-1.0 m	kg			*2740	2480	1610	1290
				1060	870		
				*2740	*2740	*2840	1440
				*1940	950		

Lift point height (m)	Arm	LIFT-POINT RADIUS					
		2.0 m		3.0 m		4.0 m	

**CX60C Cab** - Long arm, no bucket, std counterweight, steel track (380 mm)

Lift point height (m)	kg	Blade up	Blade down	LIFT-POINT RADIUS			
				2.0 m	3.0 m	4.0 m	5.0 m
1.0 m	kg			1380	1200	890	780
				*2640	1330	*1770	870
0.0 m	kg			*1360	*1360	1300	1120
				*1360	*1360	*3050	1250
				*1990	820		
-1.0 m	kg			*2470	2160	1280	1100
				820	720		
				*2470	2470	*3020	1230
				*2010	800		

**CX60C Cab** - Long arm, no bucket, additional counterweight (+200 kg), steel track (380 mm)

Lift point height (m)	kg	Blade up	Blade down	LIFT-POINT RADIUS			
				2.0 m	3.0 m	4.0 m	5.0 m
1.0 m	kg			1530	1330	990	880
				*2640	1470	*1770	960
0.0 m	kg			*1360	*1360	1450	1250
				*1360	*1360	*3050	1390
				*1990	920		
-1.0 m	kg			*2470	2410	1430	1230
				930	810		
				*2470	*2470	*3020	1370
				*2010	900		

ISO 10567: Lifting capacity does not exceed 75% of tipping load or 87% of full hydraulic capacity.

\* Indicates load limited by hydraulic capacity

# **C-SERIES** **MINI EXCAVATORS**





## ATTACHMENTS

CASE offers an integrated range of attachments

- Standard buckets 0.072 to 0.250 m<sup>3</sup> SAE  
Heaped capacity (width from 300 to 900 mm)
- Ditch cleaning buckets
- Mechanical and hydraulic quick couplers  
(Klac and Lehnhoff-compatible)
- Hydraulic hammers
- Earth augers



## STANDARD EQUIPMENT

Short arm (1600 mm / 1480 mm on CX57C / CX60C respectively)  
Rubber tracks 400 mm  
2 speed travel with auto shift-down system  
Auto-idle  
Two working modes  
Joystick hammer line 1-way  
ROPS / TOPS / FOPS Certified Cab  
Automatic climate control: Heater and A/C system  
Full suspension heated seat  
Anti-theft with interval setting function  
5.7 inch touch screen multi-colour instrument cluster  
Foldable boom swing pedal  
Radio and USB  
Blue-tooth hands-free function for cell phone and radio  
2 roller shades: roof and front window  
Centralized greasing inlet

## OPTIONAL EQUIPMENT

Long arm (1900 mm on both CX57C / CX60C)  
1st auxiliary 2-way pedal controlled (CX57C)  
1st auxiliary 2-way joystick controlled (CX57C / CX60C)  
2nd auxiliary 2-way joystick controlled (CX57C / CX60C)  
Hydraulic Quick Coupler provision  
Object Handling Kit  
Blade safety valve  
Rear view camera  
Electric refuel pump  
Beacon  
Travel alarm  
Additional counterweights  
Steel tracks 380 mm  
Steel tracks 450 mm  
Steel tracks with rubber pads 400 mm  
Rubber link tracks 400 mm

*Standard and Optional equipment may vary. Consult your CASE dealer for details.*

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**EXPERTS FOR THE REAL WORLD**  
**SINCE 1842**

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CONSTRUCTION



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

Conforms to directive 2006/42/EC

**CASE**  
**00800-2273-7373**

The call is free from a land line.  
Check in advance with your Mobile Operator if you will be  
charged. Toll free number not available from all calling areas.