

**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

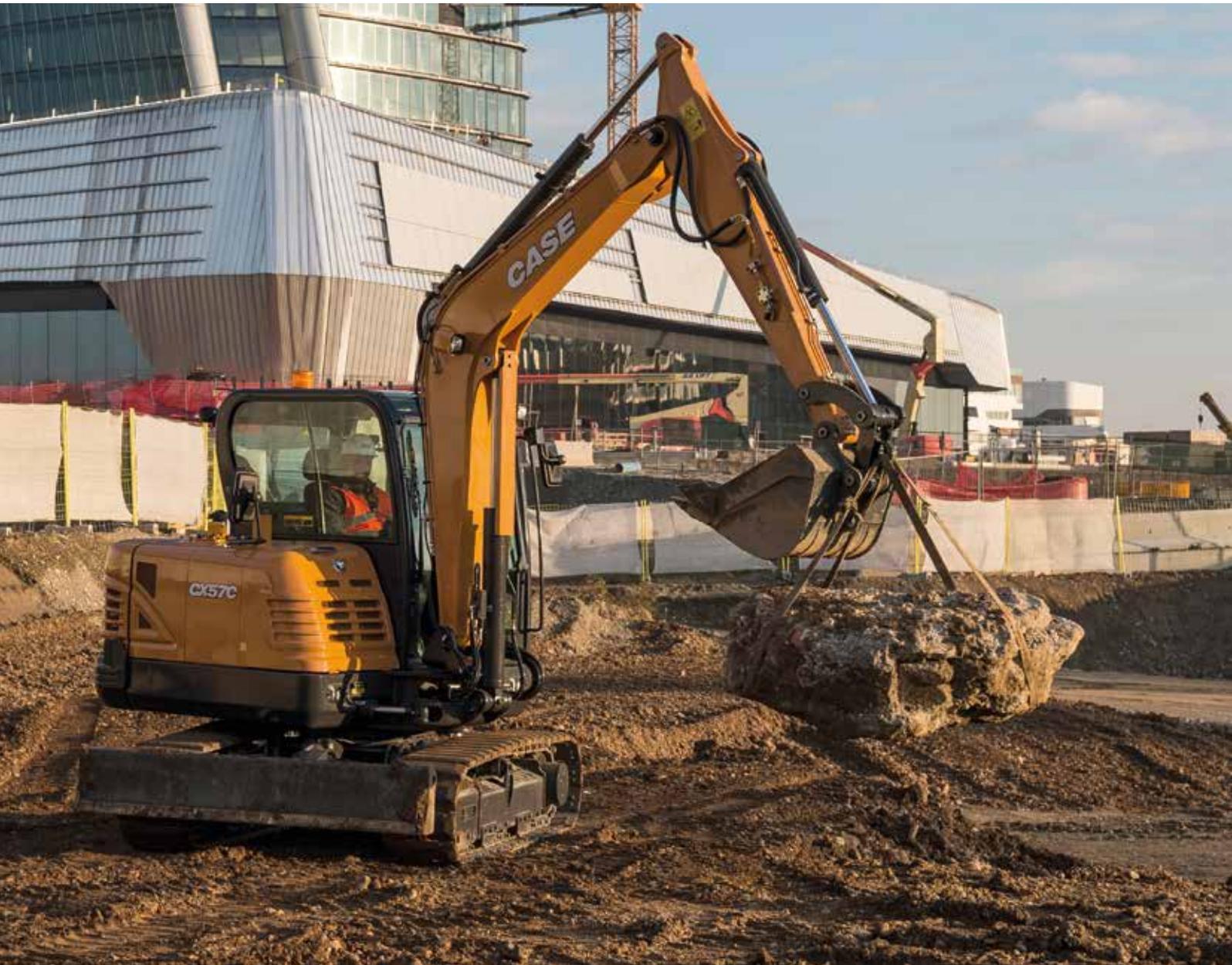


## **EXPERTS FOR THE REAL WORLD SINCE 1842**

- 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."

# **CASE BRAND HERITAGE**

## **MORE THAN 175 YEARS OF PRIDE AND COMMITMENT**



- 1995** *CASE expands attachment offering: co-branding and supply agreements with several key attachment suppliers.*
- 2011** *CASE leads Tier 4 solutions.*
- 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.*

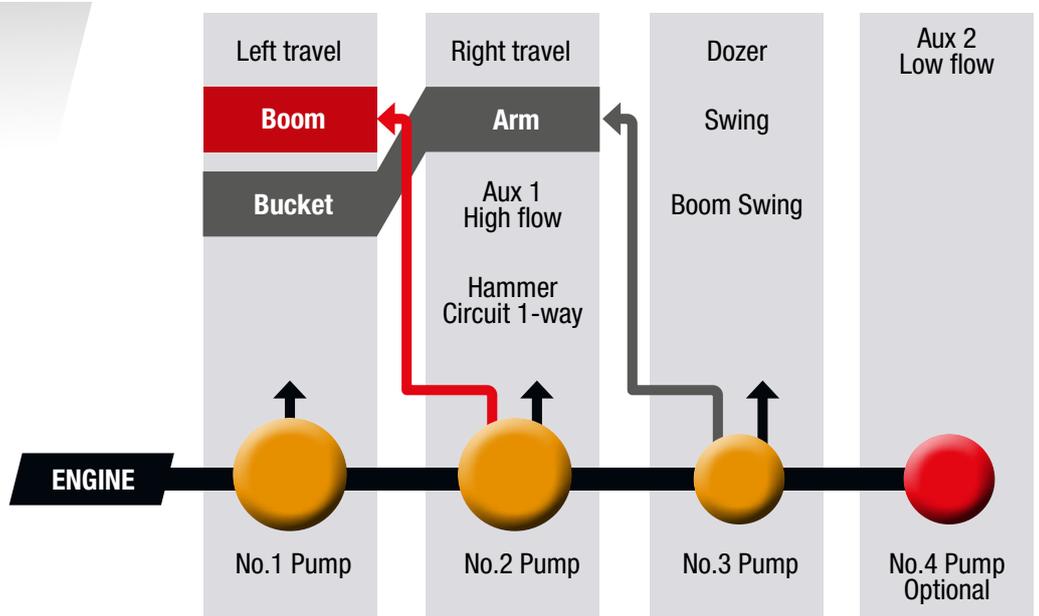
# C-SERIES MINI EXCAVATORS



## 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 V 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>o</sup> to 1<sup>o</sup> gear when additional traction is required, and then back from 1<sup>o</sup> to 2<sup>o</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.
- Standard heated seat further increases Operator comfort during cold winter days.



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 CASE C-Series Operators.



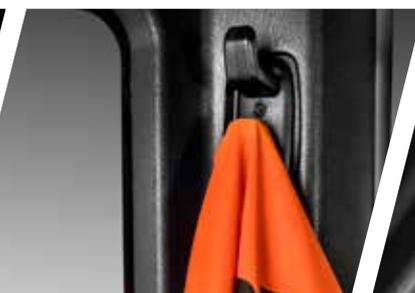
## HIGH VISIBILITY

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



## HIGH VERSATILITY

- Integrated attachments' offering
- Mono or bi-directional hydraulic oil flow
- Customizable flow setting of the auxiliary circuits
- Additional counterweights available
- Several track options available



## OPTIMIZED TRACTION AND SPEED

- Standard 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



## 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 _____	Tier 4F / Stage V	Tier 4F / Stage V

### 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, rubber tracks 400 mm and one bucket)  
Cab (kg) \_\_\_\_\_ 5500 | 5900

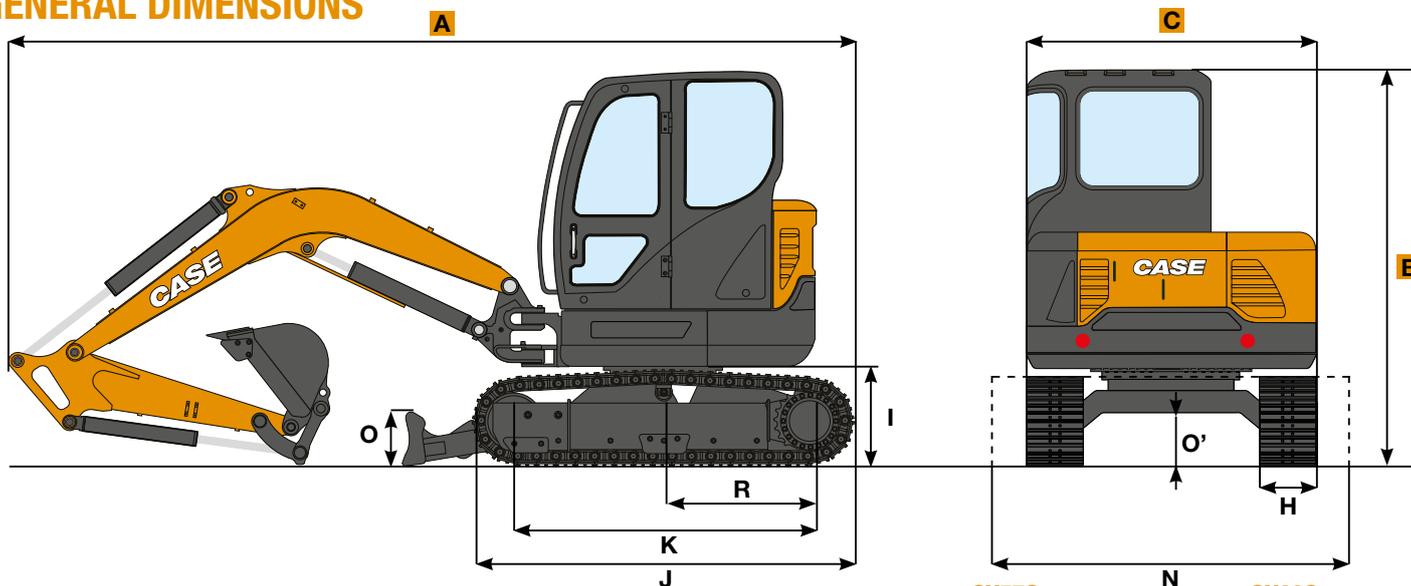
### TRANSPORT FEATURE

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

Weight (Cab) (kg) _____	5310	5710
<b>A</b> Max length (mm) _____	5900   5930*	5600   5625*
<b>B</b> Max height (mm) _____	2550	2550
<b>C</b> Max width (mm) _____	1900	2000

\* Long arm

## GENERAL DIMENSIONS

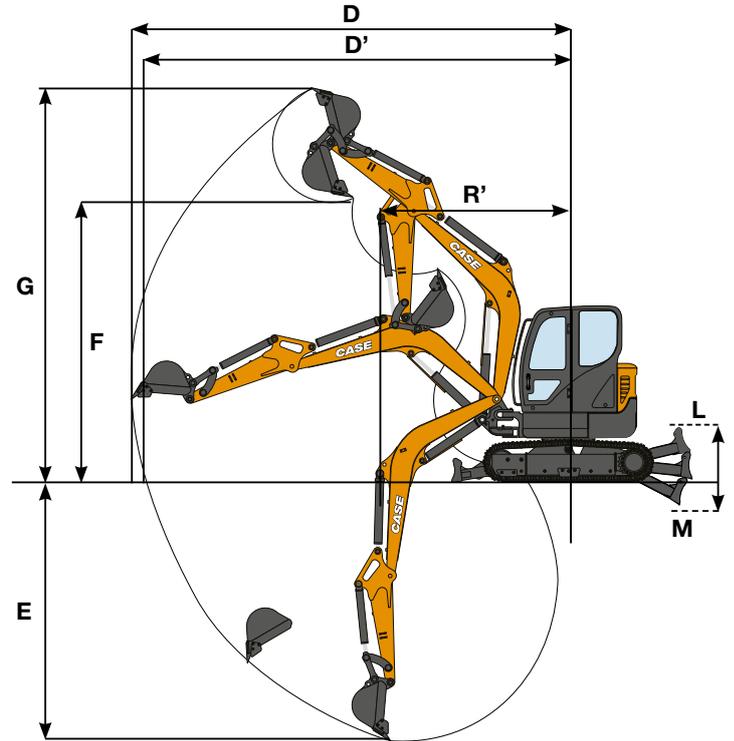


		CX57C	CX60C	
R	Rear end swing radius	mm	1650	1080
R'	Min front slew radius	mm	2350 - 2360	2420 - 2510
H	Track width	mm	400	400
I	Ground clearance of rear end	mm	690	660
J	Overall Length of Crawler	mm	2530	2530
K	Center distance of tumbler	mm	1990	1990
L	Blade max lifting	mm	390	200
M	Blade max lowering	mm	590	700
N	Blade width	mm	1900	2000
O	Blade height	mm	350	350
O'	Ground clearance of undercarriage	mm	380	380

# SPECIFICATIONS

## 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 - Short arm, no bucket, standard counterweight, rubber tracks (400 mm)**

Lift point height (m)	kg	LIFT-POINT RADIUS					
		2.0 m		3.0 m		4.0 m	
1.0 m	Blade up			1620	1260	1060	840
	Blade down			*2620	1400	*1780	930
0.0 m	Blade up			1560	1200	1020	810
	Blade down			*2880	1340	*1940	890
-1.0 m	Blade up	*3100	2290	1550	1190	1010	790
	Blade down	*3100	2600	*2780	1330	*1910	880

**CX57C Cab - Long arm, no bucket, standard counterweight, rubber tracks (400 mm)**

Lift point height (m)	kg	LIFT-POINT RADIUS					
		2.0 m		3.0 m		4.0 m	
1.0 m	Blade up			1650	1290	1070	850
	Blade down			*2450	1510	*1700	1000
0.0 m	Blade up	*1500	*1500	1570	1210	1030	810
	Blade down	*1500	*1500	*2830	1430	*1900	960
-1.0 m	Blade up	*2740	2260	1550	1190	1010	790
	Blade down	*2740	2720	*2840	1410	*1940	940

**CX57C Cab - Long arm, no bucket, additional counterweight (+100 kg), rubber tracks (400 mm)**

Lift point height (m)	kg	LIFT-POINT RADIUS					
		2.0 m		3.0 m		4.0 m	
1.0 m	Blade up			1750	1360	1130	910
	Blade down			*2450	1510	*1700	1000
0.0 m	Blade up	*1500	*1500	1660	1290	1090	870
	Blade down	*1500	*1500	*2830	1430	*1900	960
-1.0 m	Blade up	*2740	2400	1640	1260	1070	850
	Blade down	*2740	2720	*2840	1410	*1940	940

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

**CX60C Cab - Short arm, no bucket, std counterweight, rubber tracks (400 mm)**

Lift point height (m)	kg	LIFT-POINT RADIUS					
		2.0 m		3.0 m		4.0 m	
1.0 m	Blade up			1410	1170	920	780
	Blade down			*2950	1310	*1930	870
0.0 m	Blade up			1360	1130	890	750
	Blade down			*3150	1260	*2080	830
-1.0 m	Blade up	2830	2220	1360	1120	880	740
	Blade down	*2870	2530	*2930	1260	*1990	830

**CX60C Cab - Long arm, no bucket, std counterweight, rubber tracks (400 mm)**

Lift point height (m)	kg	LIFT-POINT RADIUS					
		2.0 m		3.0 m		4.0 m	
1.0 m	Blade up			1740	1510	1130	1000
	Blade down			*2650	1660	*1770	1090
0.0 m	Blade up	*1360	*1360	1660	1430	1080	950
	Blade down	*1360	*1360	*3070	1580	*2000	1050
-1.0 m	Blade up	*2470	*2470	1640	1410	1070	930
	Blade down	*2470	*2470	*3030	1560	*2020	1030

**CX60C Cab - Long arm, no bucket, additional counterweight (+350 kg), rubber tracks (400 mm)**

Lift point height (m)	kg	LIFT-POINT RADIUS					
		2.0 m		3.0 m		4.0 m	
1.0 m	Blade up			1740	1510	1130	1000
	Blade down			*2650	1660	*1770	1090
0.0 m	Blade up	*1360	*1360	1660	1430	1080	950
	Blade down	*1360	*1360	*3070	1580	*2000	1050
-1.0 m	Blade up	*2470	*2470	1640	1410	1070	930
	Blade down	*2470	*2470	*3030	1560	*2020	1030

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
- Hydraulic hammers



## 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
- Rear view camera
- Electric refuel pump
- Beacon
- Working lights (halogen or LED)
- Travel alarm
- Additional counterweights
- Steel tracks 400 mm
- Steel tracks with rubber pads 400 mm

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

www.casece.com  
**EXPERTS FOR THE REAL WORLD**  
**SINCE 1842**

**CASE**  
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.

