



CASE
CONSTRUCTION

D-SERIES MINI EXCAVATORS



CX17D | CX25D | CX35D | CX58D

D-SERIES

MINI EXCAVATORS

THE FAMILY GROWS

The new CASE D-Series mini excavators offer a line-up of 4 models that covers the most important segments in the market.

The new range stands out for its versatility: with a choice of models to suit every application and jobsite and a vast range of attachments, it offers the perfect solution for every customer need.

Users can fully customize their machine according to the specific application's requirements with options ranging from basic configurations to premium models bristling with useful features.



PRODUCTIVITY AND FLEXIBILITY



COMPACT AND AGILE, AT HOME ON ALL JOBSITES

- + **Zero tail-swing versions** available across the range deliver **supreme maneuverability**.
- + A **hydraulically extendable undercarriage** ensures excellent movability and stability.
- + A **dozer blade** with foldable extension is available as standard on models featuring the extendable undercarriage.
- + **Excellent boom swing angles and reach** make working in confined spaces easy.

D-SERIES

MINI EXCAVATORS



POWERFUL, EFFICIENT PERFORMANCE

- + The machine's **excellent stability and hydraulic power** enables a superior lifting capacity and digging performance
- + D-Series excavators deliver **outstanding engine power and torque** together with **optimal fuel usage**.

COMFORT AND EASY MAINTENANCE

COMFORT COMES FIRST

The D-Series is one of the few mini excavator ranges in the market offering the **comfort of a cab version on smaller models** with this choice being available from the CX17D upwards.

Additional safety and operator comfort features include:

- + FOPS and TOPS level 2 protection grids
- + Outstanding all-around visibility
- + Excellent ergonomic layout of the controls

Maintenance has never been so easy, with the **fully tiltable cab and canopy rollbar on all models**.

ALL THE FLEXIBILITY TO MATCH EVERY CUSTOMER NEED

The machines can mount a vast range of **attachments** - from buckets to breakers, from grapples to mulchers - resulting in **standout versatility**.

The D-Series offers sustainable solutions that meet the increasingly stringent environmental requirements:

- + All models are compatible with **bio hydraulic oil, engine oil and lubricants**



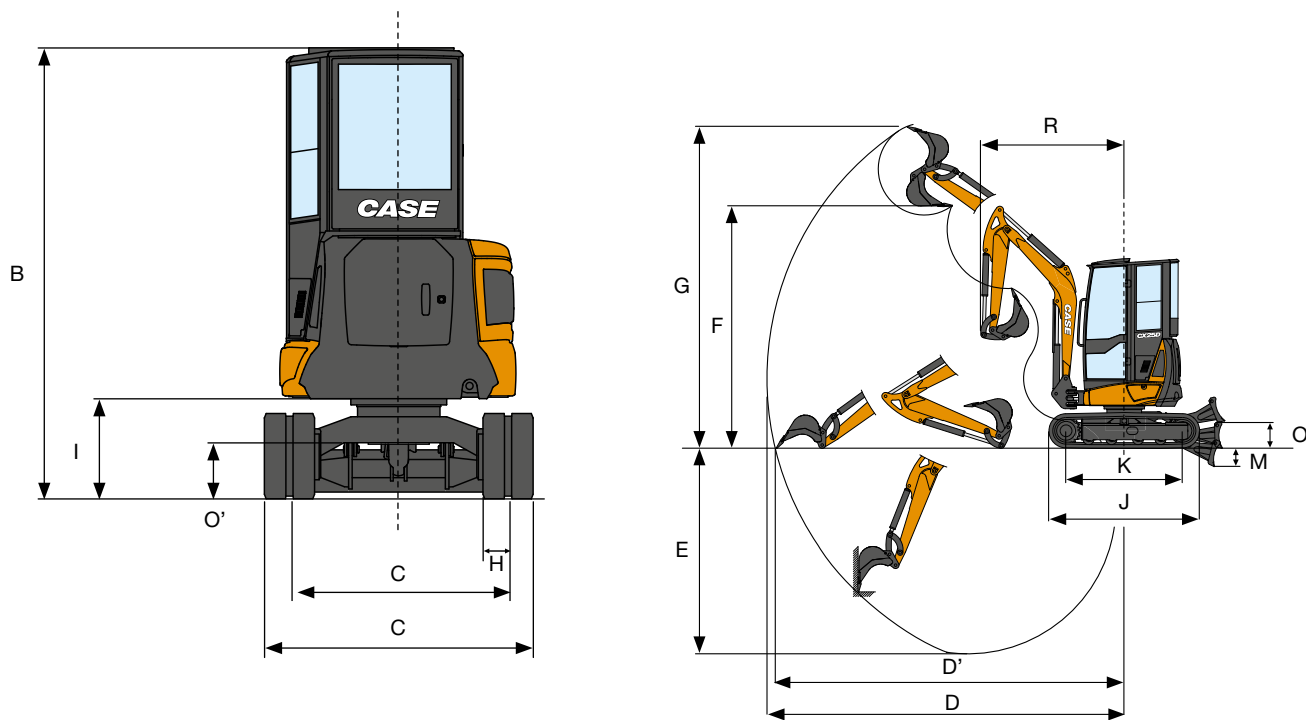
SPECIFICATIONS

		CX17D	CX25D
ENGINE			
Type		YANMAR 3TNV70 - STAGE 5	YANMAR 3TNV76 - STAGE 5
Max. Power	kW/hp	(2200 rpm) 12 - 16.3	(2200 rpm) 13.7 - 18.6
Displacement	cm ³	854	1116
Number of cylinders	n°	3	3
Cooling		Liquid	Liquid
Consumption	l/h	2.4	3
Alternator	V (Ah)	12 (40)	12 (40)
Battery	V (Ah)	12 (65)	12 (65)
HYDRAULIC SYSTEM			
Circuit Type		-	
Pump type		variable flow	variable flow
Pump displacement	cm ³	8 + 8 + 6.6	2 x 13 + 8.3
Pump capacity	l/min	16 + 16 + 13.1	2 x 28.5 + 18
Max. circuit calibration pressure	bar	220	230
Auxiliary system (max pressure):			
• AUX 1	l/min (bar)	single or double effect 29.1 - 205	single or double effect 45 - 210
• AUX 2	l/min (bar)	optional 13.1 - 205	optional 18 - 200
• AUX 3	l/min (bar)	optional 16 - 220	optional 46 - 210
			* with priority
SLEWING & TRAVEL SPEED			
Travelling speed (AUTO TWO SPEED)	km/h	1 st : 0 ÷ 2.2 / 2 nd : 0 ÷ 4.1	1 st : 0 ÷ 2.6 / 2 nd : 0 ÷ 4.3
Slew speed	rpm	10.5	11
CONTROLS			
Boom, dipper stick, bucket and turret swing		2 pilot joysticks	2 pilot joysticks
Positioner two pieces boom		-	
Track movements (included counter rotation)		2 mechanical levers	2 pilot levers
Dozer blade		pilot lever	pilot lever
Auxiliary system:			
• AUX 1		right pedal	electroproportional switch on right joystick*
• AUX 2		-	
Boom swing		left pedal * with latch	electroproportional switch on left joystick * with latch - ** with holding function
WEIGHTS			
Transport weight with roll-bar (with FOPS 1 roof)*	kg	-	-
Operating weight with roll-bar (with FOPS 1 roof)* ISO 6016	kg	-	-
Transport weight with canopy*	kg	1580	2450
Transport weight with cab*	kg	1690	2580
Operating weight with canopy* ISO 6016	kg	1690	2580
Operating weight with cab* ISO 6016	kg	1800	2710
* with rubber tracks			
CIRCUIT AND COMPONENT CAPACITIES			
Fuel tank	l	25	26
Hydraulic oil tank	l	20	29
Hydraulic circuit capacity	l	29	40
Cooling system capacity	l	4.5	5
Engine oil	l	2.4	2.8

		CX35D	CX58D
ENGINE			
Type		KUBOTA D1703-M-DI-E4B - STAGE 5	KUBOTA V2607-CR-T - STAGE 5
Max. Power	kW/hp	(2200 rpm) 18.2 - 24.7	(2300 rpm) 44.3 - 60.2
Displacement	cm ³	1647	2615
Number of cylinders	n°	3	4
Cooling		Liquid	Liquid
Consumption	l/h	3.5	7.6
Alternator	V (Ah)	12 (40)	12 (60)
Battery	V (Ah)	12 (74)	12 (95)
HYDRAULIC SYSTEM			
Circuit Type		Load Sensing closed center system with "Flow Sharing" control valve	Load Sensing closed center system with "Flow Sharing" control valve
Pump type		1 LS variable pump + 1 gear pump	LS hydraulic variable pump with electronic control + 1 gear pump
Pump displacement	cm ³	48 + 5	65 + 14.5
Pump capacity	l/min	105 + 10	129 + 28.8
Max. circuit calibration pressure	bar	250	280
Auxiliary system (max pressure):			
• AUX 1	l/min (bar)	single or double effect* 50 - 200	single or double effect* 80 - 200
• AUX 2	l/min (bar)	double effect - optional 35/20 - 250	double effect - optional 60/40 - 280
• AUX 3	l/min (bar)	double effect - optional 35/20 - 250	optional 37 - 280
			* with priority - **Low priority
SLEWING & TRAVEL SPEED			
Travelling speed (AUTO TWO SPEED)	km/h	1 st : 0 ÷ 2.5 / 2 nd : 0 ÷ 4.6	1 st : 0 ÷ 2.5 / 2 nd : 0 ÷ 4.5
Slew speed	rpm	11	11
CONTROLS			
Boom, dipper stick, bucket and turret swing		2 pilot joysticks	2 pilot joysticks
Positioner two pieces boom			
Track movements (included counter rotation)		2 pilot levers	2 pilot levers
Dozer blade		pilot lever	pilot lever
Auxiliary system:			
• AUX 1		electroproportional switch on right joystick**	electroproportional switch on right joystick**
• AUX 2		electroproportional switch on left joystick	
• AUX 3			
Boom swing		electroproportional switch on left joystick	electroproportional switch on left joystick ** with holding function
WEIGHTS			
Transport weight with canopy*	kg	3120	-
Transport weight with cab*	kg	3250	5440
Operating weight with canopy* ISO 6016	kg	3270	-
Operating weight with cab* ISO 6016	kg	3400	5670
* with rubber tracks			
CIRCUIT AND COMPONENT CAPACITIES			
Fuel tank	l	45	85
Hydraulic oil tank	l	30	60
Hydraulic circuit capacity	l	54	80
Cooling system capacity	l	7.5	12
Engine oil	l	7	10.2

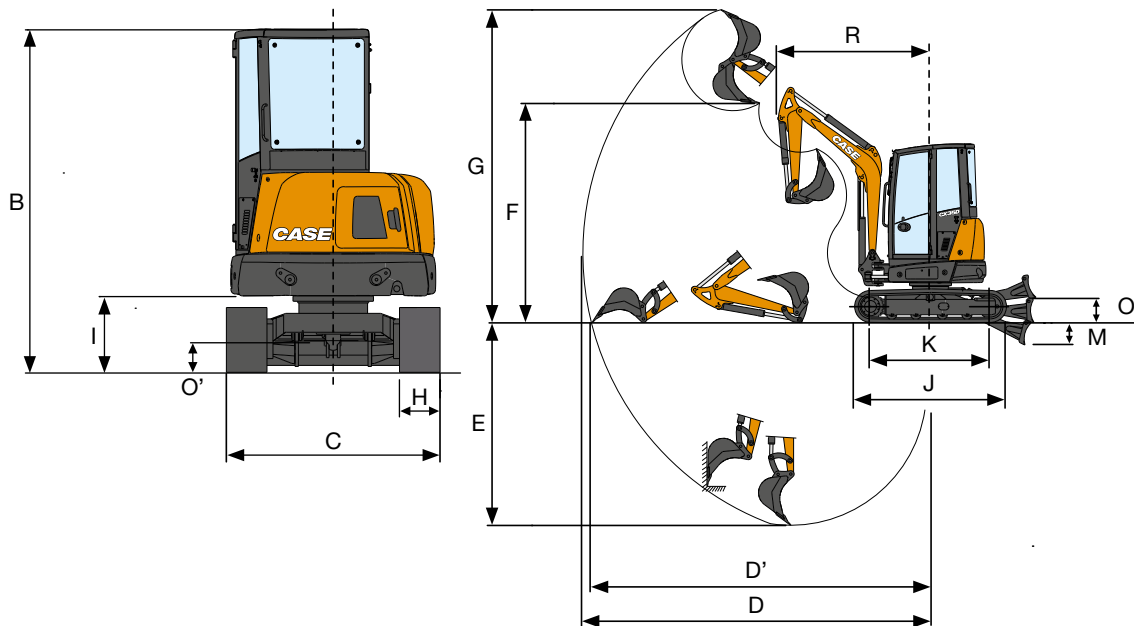
SPECIFICATIONS

MINI EXCAVATORS



GENERAL DIMENSIONS		CX17D		CX25D	
B	Max height	mm	2370	2527	
C	Max width	mm	990 - 1250		1500
R	Min front slew radius	mm	-	1810 - 1860 1880 - 1910	
H	Track width	mm	230	280	
I	Ground clearance of rear end	mm	454	567	
J	Overall length of crawler	mm	1466	1997	
K	Center distance of tumblers	mm	1089	1544	
M	Blade max lowering	mm	240	242	
O	Blade height	mm	280	352	
O'	Ground clearance of undercarriage	mm	-	310	
	Rear rotation radius	mm	650	750	
	Digging arm length standard (optional)	mm	950 (1150)	1350 (1550)	
	Rollers number (for each side)	n°	3	4/1	

PERFORMANCE DATA		CX17D		CX25D		
Dipperstick	mm	950	1150	1350	1550	
Arm breaking force ISO 6015	daN	1080	950	1450		
Bucket breaking force	daN	1500		2200		
Traction force	daN	1700		2200		
Ground bearing pressure with:						
- canopy	kg/cm ²	0.30	0.31	-		
- canopy ABS roof	kg/cm ²	0.31	0.33	-		
- rubber tracks and canopy	kg/cm ²	-	-	0.28		
- rubber tracks and cab	kg/cm ²	-	-	0.29		
Max. slope		60% - 30°		60% - 30°		
D	Max reach	mm	3730	3920	4770	4960
D'	Max reach at ground level	mm	3620	3820	4660	4850
E	Max digging depth	mm	2020	2220	2700	2900
F	Max dump height	mm	2340	2460	3330	3460
	- canopy			3190	3310	
	- cab					
G	Max digging height	mm	3340	3460	4510	4650
	- canopy			4320	4650	
	- cab				4440	



GENERAL DIMENSIONS		CX35D	CX58D	
B	Max height	mm	2530	2550
C	Max width	mm	1580	1980
R	Min front slew radius	mm	2170	2290 - 2315
H	Track width	mm	300	400
I	Ground clearance of rear end	mm	570	630
J	Overall length of crawler	mm	2155	2460
K	Center distance of tumbler	mm	1700	1920
M	Blade max lowering	mm	315	410
O	Blade height	mm	345	420
O'	Ground clearance of undercarriage	mm	230	330
	Rear rotation radius	mm	790	1000
	Digging arm length standard (optional)	mm	1200 (1400)	1500 (1650)
	Rollers number (for each side)	n°	4/1	5/1

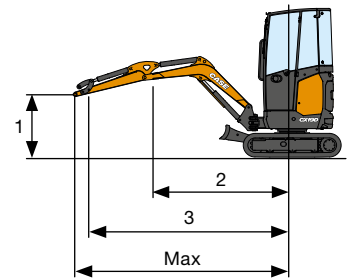
PERFORMANCE DATA		CX35D	CX58D			
Dipperstick	mm	1200	1400	1500	1650	
Arm breaking force ISO 6015	daN	1750		2800		
Bucket breaking force	daN	3100		5300		
Traction force	daN	3400		5500		
Ground bearing pressure with:						
- canopy	kg/cm ²	-		-		
- canopy ABS roof	kg/cm ²	-		-		
- rubber tracks and canopy	kg/cm ²	0.33		-		
- rubber tracks and cab	kg/cm ²	0.34		0.31		
Max. slope		60% - 30°		60% - 30°		
D	Max reach	mm	4930	5120	5980	6140
D'	Max reach at ground level	mm	4810	5010	5845	6005
E	Max digging depth	mm	2870	3070	3400	3570
F	Max dump height	mm	3110	3230	3950	4050
G	Max digging height	mm	4440	4560	5670	5770

LIFTING CAPACITY

CX17D - CX58D

CX17D	2	3	Max
Frontal and lowered dozer blade	720* (630*)	480* (450*)	460* (420*)
Frontal and lifted dozer blade	300 (360)	160 (190)	150 (160)
Lateral, open undercarriage	340 (400)	190 (210)	170 (180)

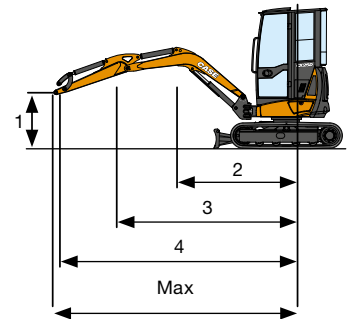
Standard dipper stick L = 950 mm
(Optional dipper stick L = 1150 mm)



Opening arm from the rotation's center (m). Lifting capacity (ton) at 1.0 m height

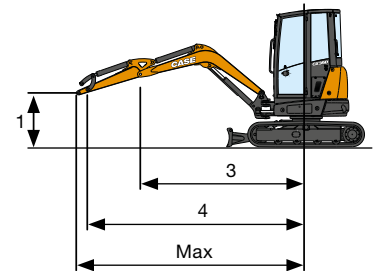
CX25D	2	3	4	Max
Frontal and lowered dozer blade	1040*	550*	420*	410*
Frontal and lifted dozer blade	750	420	260	240
Lateral, open undercarriage	790	440	280	270

Standard dipper stick L = 1350 mm
(Optional dipper stick L = 1550 mm)



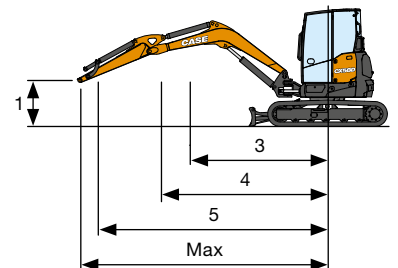
CX35D	3	4	Max
Frontal and lowered dozer blade	870*	650*	630*
Frontal and lifted dozer blade	870*	650*	630*
Lateral, open undercarriage	690	470	430

Standard dipper stick L = 1200 mm
(Optional dipper stick L = 1400 mm)



CX58D	3	4	5	Max
Frontal and lowered dozer blade	2740*	1820*	1430*	1390*
Frontal and lifted dozer blade	1490	980	700	680
Lateral, open undercarriage	1290	860	620	590

Standard dipper stick L = 1500 mm
(Optional dipper stick L = 1650 mm)



* Indicates the hydraulic load limit.

The lifting capacity is based on the ISO 10567 and it does not exceed more than the 75% of static tipping load or more than the 87% of the hydraulic lifting capacity of the machine.





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.

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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

