



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**



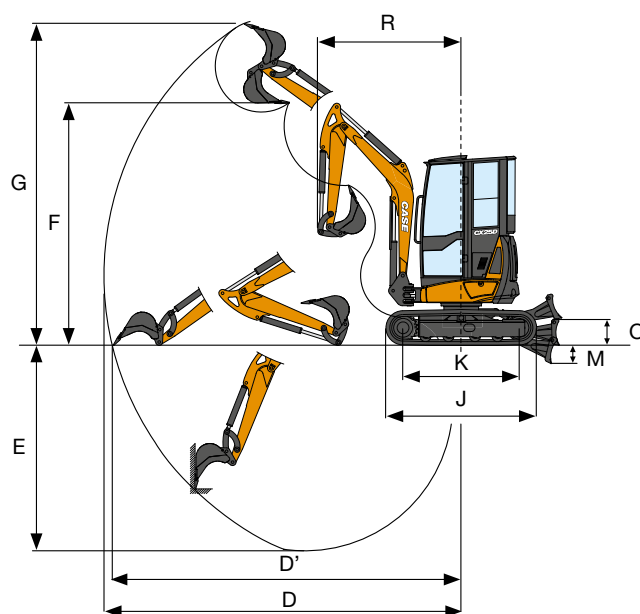
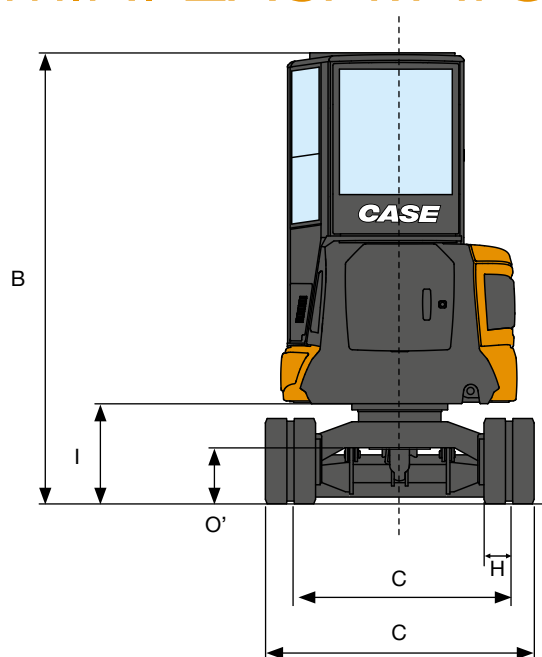
SPECIFICATIONS

		CX17D	CX25D
ENGINE			
Type		YANMAR 3TNV70 - STAGE 5	YANMAR 3TNV76 - STAGE 5
Max. Power	kW/hp	(2200 rpm) 12 - 16.1	(2200 rpm) 13.7 - 18.4
Displacement	cm³	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		-	LS closed center system with "Flow Sharing" distributor
Pump type		variable flow	1 LS Pump with variable displacement
Pump displacement	cm³	8 + 8 + 6.6	25
Pump capacity	l/min	16 + 16 + 13.1	50
Max. circuit calibration pressure	bar	220	250
Auxiliary system (max pressure):			
• AUX 1	l/min (bar)	single or double effect 29.1 - 205	single or double effect 50 - 200/250
• AUX 2	l/min (bar)	optional 13.1 - 205	optional 12/8 - 250
• AUX 3	l/min (bar)	optional 16 - 220	optional 29/22 - 250
* 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	20
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	electroproportional switch on left joystick
* with latch - ** with holding function			
WEIGHTS			
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 STAGE 5	KUBOTA V2607-CR-T - STAGE 5
Max. Power	kW/hp	(2200 rpm) 18.2 - 24.4	(2300 rpm) 44.3 - 59.4
Displacement	cm³	1647	2615
Number of cylinders	nº	3	4
Cooling		Liquid	Liquid
Consumption	l/h	3.5	7.6
Alternator	V (Ah)	12 (40)	12 (60)
Battery	V (Ah)	12 (80)	12 (95)
HYDRAULIC SYSTEM			
Circuit Type		LS closed center system with "Flow Sharing" control valve	
Pump type		1 LS variable pump	LS hydraulic variable pump with electronic control + 1 gear pump
Pump displacement	cm³	48	65 + 14.5
Pump capacity	l/min	101	129 + 28.8
Max. circuit calibration pressure	bar	260	280
Auxiliary system (max pressure):			
• AUX 1	l/min (bar)	single or double effect 50 - 200 left / 250 right	single or double effect* 80 - 200 left / 280 right
• AUX 2	l/min (bar)	double effect - optional 32/20 - 250	double effect - optional 45/39 - 280
• AUX 3	l/min (bar)	double effect - optional 32/20 - 250	optional 75/58 - 280
* with priority			
SLEWING & TRAVEL SPEED			
Travelling speed (AUTO TWO SPEED)	km/h	1 st : 0 ÷ 2.7 / 2 nd : 0 ÷ 4.3	1 st : 0 ÷ 2.5 / 2 nd : 0 ÷ 4.5
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 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	-	-
Transport weight with cab*	kg	3330	5440
Operating weight with canopy* ISO 6016	kg	-	-
Operating weight with cab* ISO 6016	kg	3480	5670
* with rubber tracks			
CIRCUIT AND COMPONENT CAPACITIES			
Fuel tank	l	49	85
Hydraulic oil tank	l	33.5	60
Hydraulic circuit capacity	l	54	80
Cooling system capacity	l	7.5	12
Engine oil	l	6.3	10.2

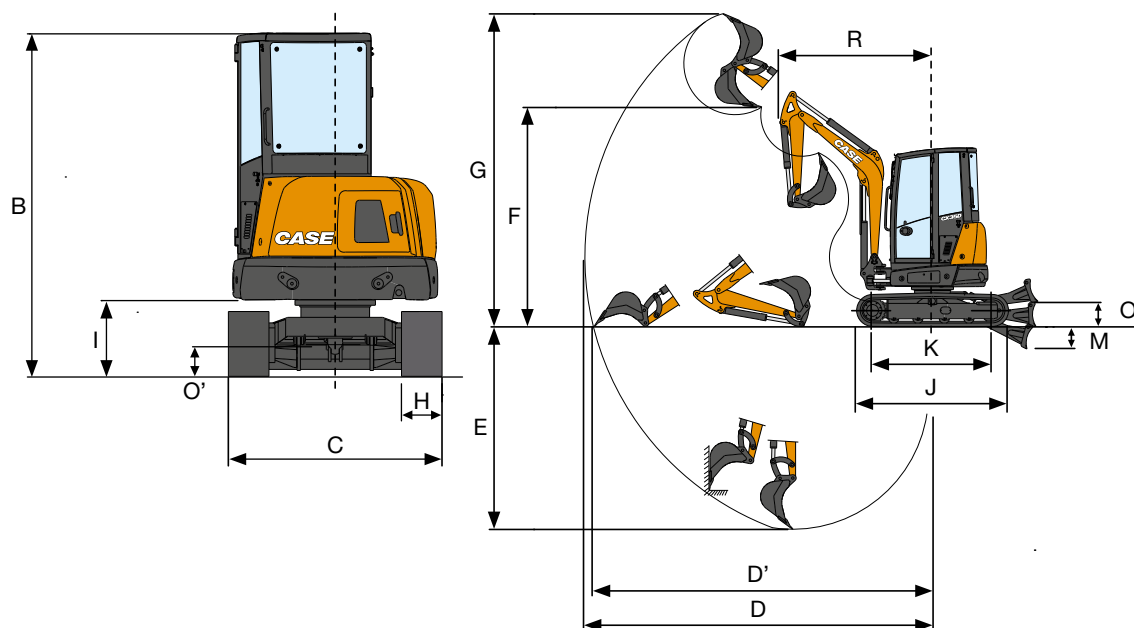
SPECIFICATIONS

MINI EXCAVATORS



GENERAL DIMENSIONS			CX17D	CX25D
B	Max height	mm	2370	2520/2530
C	Max width	mm	990 - 1250	1500
R	Min front slew radius - canopy - cab	mm	-	1810 - 1860 1880 - 1910
H	Track width	mm	230	280
I	Ground clearance of rear end	mm	454	570
J	Overall length of crawler	mm	1466	1997
K	Center distance of tumblers	mm	1089	1544
M	Blade max lowering	mm	240	240
O	Blade height	mm	280	350
O'	Ground clearance of undercarriage	mm	-	310
	Rear rotation radius	mm	650	750
	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	990	880	1380	1250
Bucket breaking force	daN	1500		2570	
Traction force	daN	1700		2400	
Ground bearing pressure with:					
- canopy	kg/cm ²	-	-	-	
- canopy ABS roof	kg/cm ²	-	-	-	
- rubber tracks and canopy	kg/cm ²	0.30	0.31	0.28	
- rubber tracks and cab	kg/cm ²	0.31	0.33	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 - cab				3190	3310
G Max digging height	mm	3340	3460	4510	4650
- canopy - cab				4320	4440



GENERAL DIMENSIONS			CX35D	CX58D
B	Max height	mm	2520	2620
C	Max width	mm	1580	1980
R	Min front slew radius	mm	2220 - 2230	2290 - 2315
H	Track width	mm	300	400
I	Ground clearance of rear end	mm	550	630
J	Overall length of crawler	mm	2155	2460
K	Center distance of tumblers	mm	1700	1920
M	Blade max lowering	mm	321	410
O	Blade height	mm	352	420
O'	Ground clearance of undercarriage	mm	290	330
	Rear rotation radius	mm	790	1000
	Rollers number (for each side)	n°	4/1	5/1

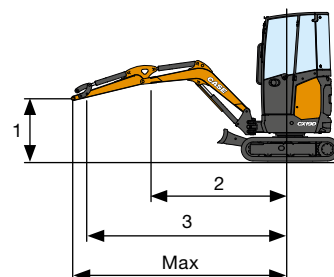
PERFORMANCE DATA			CX35D		CX58D	
Dipperstick	mm		1200	1400	1500	1650
Arm breaking force ISO 6015	daN		1751	1580	2600	3000
Bucket breaking force	daN		3025		5300	
Traction force	daN		3500		5500	
Ground bearing pressure with:						
- canopy	kg/cm ²		-		-	
- canopy ABS roof	kg/cm ²		-		-	
- rubber tracks and canopy	kg/cm ²		-		-	
- rubber tracks and cab	kg/cm ²		0.31		0.31	
Max. slope			60% - 30°		60% - 30°	
D	Max reach	mm	4930	5120	5980	6140
D'	Max reach at ground level	mm	4810	5000	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	4430	4550	5670	5770

LIFTING CAPACITY

CX17D - CX58D

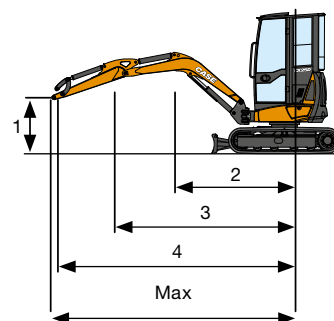
CX17D	2	3	Max
Frontal and lowered dozer blade	720*	480*	460*
Frontal and lifted dozer blade	300	160	150
Lateral, open undercarriage	340	190	170

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



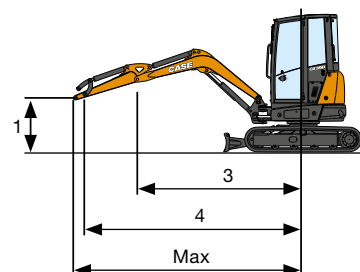
CX25D	2	3	4	Max
Frontal and lowered dozer blade	990*	640*	490*	450*
Frontal and lifted dozer blade	930	500	320	290
Lateral, open undercarriage	780	440	290	260

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



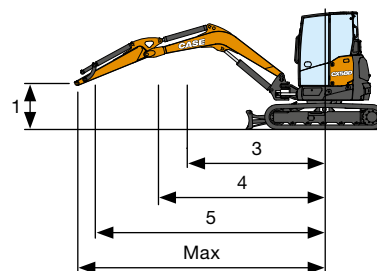
CX35D	3	4	Max
Frontal and lowered dozer blade	1090*	820*	790*
Frontal and lifted dozer blade	730	470	440
Lateral, open undercarriage	570	370	350

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



CX58D	3	4	5	Max
Frontal and lowered dozer blade	2730*	1810*	1420*	1380*
Frontal and lifted dozer blade	1490	970	700	670
Lateral, open undercarriage	1290	850	610	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.





SINCE 1842

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

