

# CASE

CONSTRUCTION

## MINI-EXCAVATORS

### CX17B<sup>ZTS</sup>

# CX15B Series 2-CX18B Series 2



Engine Horsepower  
Operating weight  
Max. digging depth

**CX15B Series 2**  
11.3 kW/15 hp  
1480 kg  
2200 mm

**CX17B<sup>ZTS</sup>**  
11.3 kW/15 hp  
1650 kg  
2150 mm

**CX18B Series 2**  
11.3 kW/15 hp  
1780 kg  
2200 mm

P R O F E S S I O N A L P A R T N E R

## HIGH EFFICIENCY

The series 2 range of 1.5 ton machines from Case features two highly efficient variable displacement piston pumps for power on demand, reducing fuel consumption and increasing performance. CX17B ZTS and CX18B series 2 machines are also equipped with a gear pump for the swing and rotation circuits, boosting slew speed and cutting cycle times further. The two-speed travel selector is integrated into the right hand track control lever, for instinctive changes on the move and faster reaction to changing terrain.  
**Hydraulic power. Boosted performance.**

## POWER ON DEMAND

All 1.5 tonne Case machines use a new 11.3 kW (15 hp) Mitsubishi engine for maximum efficiency and output.

A revised three-post canopy offers easy access and improved visibility, increasing safety for the operator. New cab option provides suspension seat and high output cab heating system for total operator comfort. Telene side panels on the series 2 upper structure offer improved shock resistance and less risk of damage, cutting repair costs and downtime.

**Evolutionary design. Operator benefits.**



## SAFE AND SECURE

New cab and canopy are TOPS and FOPS level 1 rated for maximum operator protection. Revised design provides improvements in visibility all around the machine, particularly on the left hand side through the cab door. New cab option provides a suspension seat. Both servo hand levers are now fitted with red safety levers to prevent accidental operation, and both the boom swing control and the hammer control are protected by locks, provides safety for the operator and other personnel on site.

**Safe Operation. Reduced downtime.**

## OPERATOR ENVIRONMENT

The Case series 2 mini excavators have a totally revised three-post canopy design offering easier access and improved visibility. There is a choice of fixed or suspension vinyl seats to suit operating conditions. For those opting for a cab the CX15B-CX18B series 2 models feature a new design with standard heating system and suspension cloth seat. Larger windows and increased door glass improve visibility and the low emission engine offers reduced noise levels for the operator. Easy to reach levers and hand and foot controls for the tracks provide a comfortable working environment for the driver.

**Maximum comfort. Increased productivity.**

## BUILD QUALITY

Robust components and design enhance the durability and reliability of the Case mini excavator. Protection for the main lift cylinder piston and for all greasing points is standard and the bodywork of the machine is constructed from Telene. This material is shock resistant, reducing the need for smaller repairs on site and cutting ownership costs. The CX17B ZTS and CX18B series 2 models have an expandable dozer blade, with a locking system to prevent damage or loss of parts when the tracks are retracted.

**Designed to work. Built to perform.**

## MAXIMISED PROFITABILITY

With the adoption of the new engine and variable displacement hydraulics, the CX15B-18B series 2 machines provide reduced fuel consumption as well as lower emissions. Fully removable side panels, easy access to the battery, a single key for locks and ignition, and access to all service and maintenance points from beneath the engine canopy, result in reduced service times and increased productivity. Buckets from the previous CX16B and CX18B can be used by the series 2 machines. The CX17B ZTS can also take the CX15B series 2, CX16B and CX18B - CX18B series 2 buckets if equipped with a specific Klac or Lehnoff quick coupler. This offers integration into existing fleets and lower cost to change for owners.

**Reduced consumption. Lower ownership costs.**

## CX15B SERIES 2



The CX15B series 2 with its fixed chassis and its standard dozer blade is offered in two versions: a 1 speed/canopy/standard seat version and a version that is 2 speed/cab (with heater and suspension cloth seat) or canopy (with a choice of fixed or suspension vinyl seats). Powered by an 11.3 kW Mitsubishi engine, the CX15B series 2 has two variable displacement hydraulic pumps for maximum productivity. A conflux system allows the unused flow from one pump to assist the auxiliary flow when selected. That auxiliary circuit can be single or twin directional for a range of powered attachments. Quick disconnects are fitted on the dipper arm. Customers can also choose between short and long dipper arms to suit their operation. CX15B series 2 takes the 300-500 mm buckets from previous CX16B and CX18B as well as those buckets of the new CX18B series 2.

## CX18B SERIES 2



The Case CX18B series 2 is offered with a variable width undercarriage and extendable dozer blade as standard equipment. Two speed tracking is included and customers can opt for the new three-post canopy, with fixed or suspension seats, of a heated full cab with a suspension seat. The 11.3 kW Mitsubishi engine powers a three pump hydraulic system, using two variable displacement piston pumps and a gear pump for the slew and boom swing functions. The conflux system utilises unused flow from this third pump to assist the two main pumps when needed. Single and dual directional auxiliary hydraulics can be supplied with quick connect fittings on the dipper arm. Short and long dipper sticks are available and the machine can use 300-500 mm buckets from the previous CX16B and CX18B, and the new CX15B series 2.

## CX17BzTS



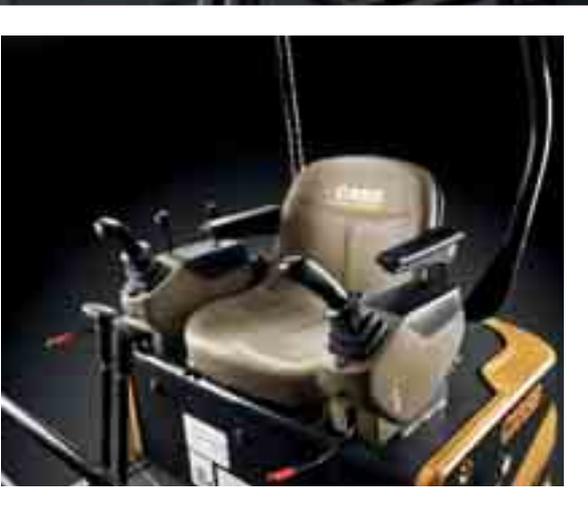
The all new CX17B ZTS provides a zero tailswing design with a reduced counterweight overhang that can be rotated within the width of the tracks. Available with a choice of rubber or steel undercarriage, the CX17B ZTS combines the benefits of zero tailswing and variable width tracks to access the most confined job sites. Two-speed tracking is standard and the machine is available with the three-post canopy or the heated glazed cab. Both options have a suspension seat as standard. The CX17B ZTS benefits from the same Mitsubishi engine and three pump operating system as the CX18B series 2, with two variable displacement piston pumps and a single gear pump to provide a boost of power when needed. A choice of long or short dipper arms is available and the machine can be ordered with single or dual directional auxiliary hydraulics and dipper mounted quick connects.

## OPERATOR'S CAB

A redesigned fully glazed cab is available on the CX15B series 2 two-speed tracking model and on all CX17B ZTS and CX18B series 2 models. With a heater and suspension seat, the cab offers tilt adjustable arm rests, a glazed roof section for improved visibility when loading and a windshield that can be easily stowed in the roof of the cab. The lower front window can be stored behind the driver's seat and there is a larger window in the door to further enhance visibility. Reduced width cab pillars also add to the improved view to all sides of the machine. Ergonomic servo levers, with a two-speed tracking control under the thumb of the tracking lever provide the operator with easy to reach, intuitive control of the machine. The swing control and auxiliary control are both protected by a footrest lock to prevent unexpected use, improving safety and reducing the risk of damage to the machine. Low internal noise levels and plenty of head, arm and leg room provide a class-leading operator environment. For the full safety of the operator, all cabs and 3 post canopies are equipped with TOPS (tipping over protection system) and FOPS (falling object protection system) level 1, plus a safety lap belt.

*CX18B Series 2 Cabin.*

*Here below:  
the CX15B Series 2 Canopy operator's standard seat  
(suspension seat option is available  
on 2 speed versions).*



## ENGINE



The new 11.3 kW Mitsubishi engine provides plenty of power for the series 2 machines. Centralised access, with all service points easily reached from beneath the engine canopy, reduces maintenance time and cuts service costs. The battery can be accessed from beneath the bonnet when necessary, further reducing downtime. All liquid checks can be carried out from ground level for maximum operator safety and rapid start-up each day.

## HYDRAULICS



Highly efficient hydraulic systems, with two variable displacement pumps on all three machines and an additional gear pump on the CX17B ZTS and CX18B series 2, provide maximum flow and pressure when the operator needs it. The hydraulic valves are easily reached for maintenance work, thanks to removable lightweight Tellene shock proof side panels. The electrical fuses can be found in a clean area beneath the operator's seat, and on the CX17B ZTS and CX18B series 2 machines the switch between the dozer blade operation and blade extension is conveniently located under the seat within easy reach, further reducing downtime and boosting productivity.

## UNDERCARRIAGE



The CX17B ZTS and CX18B series 2 are both provided with variable undercarriage width, to allow the machine to access confined working areas but also to provide maximum stability when digging and loading. There is an extending blade on the CX17B ZTS and CX18B series 2 machines to match the variable track width. This blade uses a locking system to prevent damage or loss of parts when the tracks are retracted. The CX15B series 2 comes as standard with a fixed undercarriage and rubber tracks. Track tensioning is easily carried out with a standard grease gun, minimising downtime and maximising productivity.







# SPECIFICATIONS CX15B SERIES 2

## WEIGHTS

Machine Mass (Canopy) Max \_\_\_\_\_ 1480 kg  
Machine Mass (Cab) Max \_\_\_\_\_ 1700 kg

## ENGINE

Engine Maker/Mode \_\_\_\_\_ Mitsubishi/L3E  
Rated Power \_\_\_\_\_ 11.3 kW  
Rated Speed \_\_\_\_\_ 2100 min<sup>-1</sup>  
Cyl. - Stroke Volume \_\_\_\_\_ 3 - 952 cm<sup>3</sup>  
Max. Torque \_\_\_\_\_ 53.5 N·m @ 1800 rpm  
Fuel Consumption Rate (E/G) \_\_\_\_\_ 270 g/kW.h  
Fuel Consumption (Digging) \_\_\_\_\_ 2.6 l/h  
Allowable Ambient Temperature \_\_\_\_\_ -15/45 °C

## HYDRAULICS

Set Pressure (Att) \_\_\_\_\_ 20.6 MPa  
Set Pressure (Travel) \_\_\_\_\_ 20.6 MPa  
Set Pressure (Swing) \_\_\_\_\_ 14.5 MPa  
Rated Flow (Att, Travel) @2100 Rpm \_\_\_\_\_ 15.5 l/min  
Rated Flow (Swing) @ 2100Rpm \_\_\_\_\_ 15.5 l/min

## ELECTRICAL SYSTEM

Voltage \_\_\_\_\_ 12 V  
Alternator Capacity \_\_\_\_\_ 40 A  
Starter Motor \_\_\_\_\_ 1,7 kW  
Battery \_\_\_\_\_ 1x40 Ah

## DIMENSIONS

Min. Swing Diameter \_\_\_\_\_ 3050 mm  
Min. Swing 90° diameter \_\_\_\_\_ 2590 mm  
Track Gauge \_\_\_\_\_ 760 mm  
Crawler Base \_\_\_\_\_ 1215 mm  
Ground Clearance Of Undercarriage \_\_\_\_\_ 175 mm  
Bucket Capacity (Std) Sae \_\_\_\_\_ 0.042 m<sup>3</sup>  
Outside Width Of Bucket (Std) \_\_\_\_\_ 400 mm

## UNDERCARRIAGE

Num. Of Sprocket Teeth \_\_\_\_\_ 19  
Num. Of Roller (Upp/Low) \_\_\_\_\_ plate/3  
Travel Speed (1St/2Nd Speed ) \_\_\_\_\_ 2/3.5 km/h  
Gradability \_\_\_\_\_ 58%

## PERFORMANCE

Lifting Capacity (Front Direction) \_\_\_\_\_ 3.1 kNxm  
Bucket Digging Force (Iso) \_\_\_\_\_ 13.3 kN  
Arm Digging Force (Jis Iso) \_\_\_\_\_ 7.4 kN  
Outside Width Of Bucket (Std) \_\_\_\_\_ 400 mm  
Lifting Capacity (Back Direction) \_\_\_\_\_ 2.9 kNxm  
Lifting Capacity (Side Direction) \_\_\_\_\_ 1.9 kNxm  
Boom Speed (Up) \_\_\_\_\_ 2.2 s  
Boom Speed (Down) \_\_\_\_\_ 3.2 s  
Arm Speed (Crowding) \_\_\_\_\_ 4.1 s  
Arm Speed (Pushing) \_\_\_\_\_ 2.9 s  
Bucket (Digging) \_\_\_\_\_ 2.7 s  
Bucket (Dumping) \_\_\_\_\_ 1.9 s  
Boom Swing (Left) \_\_\_\_\_ 4.5 s  
Boom Swing (Right) \_\_\_\_\_ 4.5 s  
Dozer (Up) \_\_\_\_\_ 1.1 s  
Dozer (Down) \_\_\_\_\_ 1.7 s  
Steady State Swing Speed \_\_\_\_\_ 9.5 min<sup>-1</sup>  
Swing Gradability Deg \_\_\_\_\_ 20°  
Max. Tractive Force (Sae Cal.) \_\_\_\_\_ 18.3 kN  
Ground Pressure Cab/Canopy \_\_\_\_\_ 30/25 kPa  
Productivity \_\_\_\_\_ 20 m<sup>3</sup>/h

## CAPACITIES

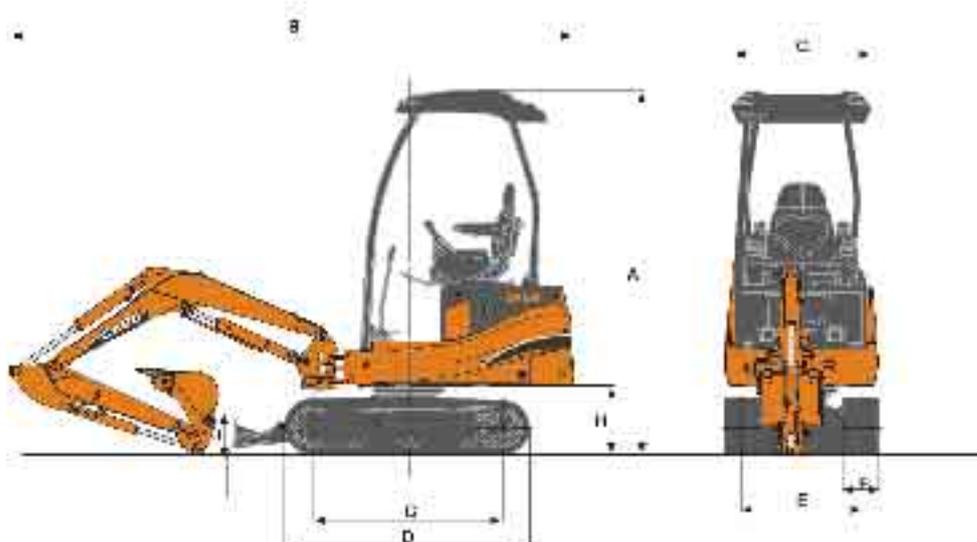
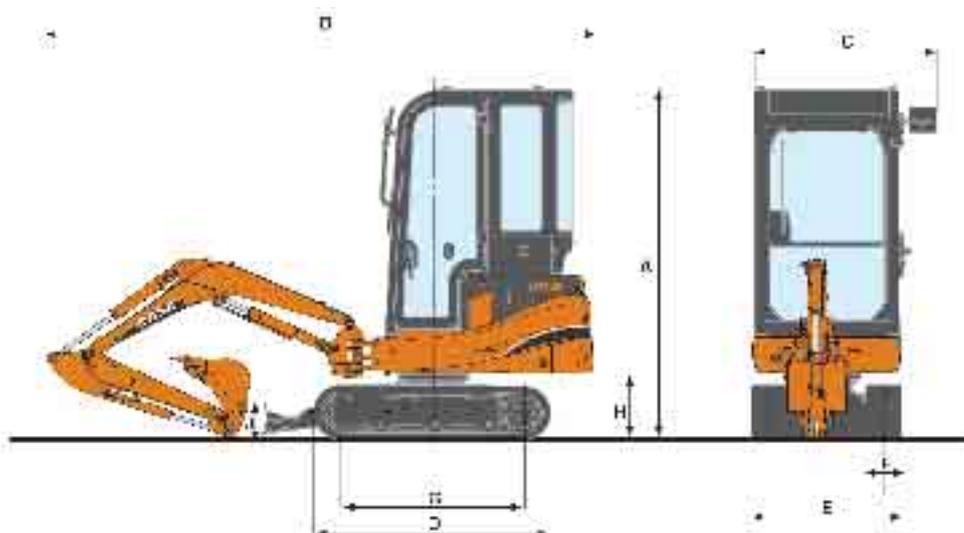
Fuel Tank Capacity \_\_\_\_\_ 19.5 l  
Coolant Capacity \_\_\_\_\_ 3.5 l  
Engine Oil Capacity \_\_\_\_\_ 3 l  
Falling Rate By Inner Oil Leak @ Bucket \_\_\_\_\_ 125 mm/ 10 min  
Hydraulic Oil (Standard Level) \_\_\_\_\_ 8.8 l  
Hydraulic Oil (Tank Capacity) \_\_\_\_\_ 12.3 l

## NOISE

Acoustic Power Level \_\_\_\_\_ 93 dB  
Noise At Ear \_\_\_\_\_ 74 dB

# GENERAL DIMENSIONS

## CX15B SERIES 2

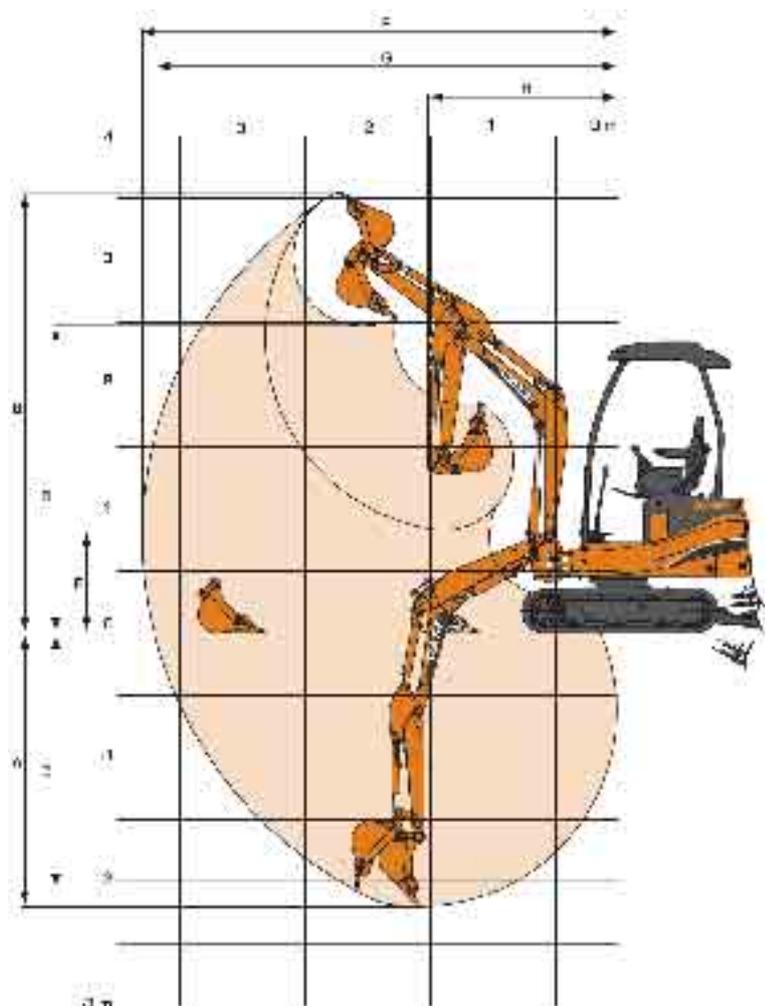


		CX15B Cab		CX15B Canopy		
		1.02	1.22	1.02	1.22	
<b>DIPPER LENGTH</b>						
<b>A</b>	Overall height	m	2.35	2.35	2.34	2.34
<b>B</b>	Overall length	m	3.60	3.62	3.60	3.62
<b>C</b>	Width of upperstructure	m	1.20	1.20	0.89	0.89
<b>D</b>	Track overall length	m	1.56	1.56	1.56	1.56
<b>E</b>	Track overall width	m	0.99	0.99	0.99	0.99
<b>F</b>	Track shoe width	m	0.23	0.23	0.23	0.23
<b>G</b>	Center to center (idler to sprocket)	m	1.21	1.21	1.21	1.21
<b>H</b>	Upperstructure ground clearance	m	0.44	0.44	0.44	0.44
<b>J</b>	Backfill blade height	m	0.24	0.24	0.24	0.24
	Working weight	kg	1700	1700	1480	1480
	Ground pressure	kPa	30	30	25	25
	Tail swing radius	m	1.06	1.06	1.06	1.06

# PERFORMANCE DATA

## CX15B SERIES 2

WITH 1.75 m STANDARD MONOBOOM



A	Maximum digging depth	m	2.20
B	Maximum height of cutting edge	m	3.55
C	Maximum vertical digging depth	m	2.06
D	Maximum dumping height	m	2.47
E	Minimum dumping height	m	0.83
F	Maximum cutting radius	m	3.8
G	Maximum digging radius at ground level	m	3.7
H	Minimum swing radius of attachment	m	1.52
	Arm digging force	kN	7.4
	Bucket digging force	kN	13.3

# CX15B



# SPECIFICATIONS CX17B ZTS

## ENGINE

Model \_\_\_\_\_ Mitsubishi L3E-W231KBS  
 Cylinders \_\_\_\_\_ 3  
 Bore/Stroke \_\_\_\_\_ 76 x 70 mm  
 Displacement \_\_\_\_\_ 952 cc  
 Fuel injection \_\_\_\_\_ Direct  
 Fuel injection pump \_\_\_\_\_ Mechanical  
 Fuel \_\_\_\_\_ Diesel  
 Fuel filter \_\_\_\_\_ Full flow  
 Cooling \_\_\_\_\_ Liquid  
 Horsepower per ISO 9249 \_\_\_\_\_ 11.3 kW @ 2200 rpm  
 Maximum torque \_\_\_\_\_ 53.5 Nm @ 1800 rpm

## HYDRAULIC SYSTEM

Pumps (2) \_\_\_\_\_ Variable displacement piston pump

### Capacity

maximum \_\_\_\_\_ 2 x 16.3 l/min

### System relief pressure

Standard \_\_\_\_\_ 21.6 MPa

### Pilot control hydraulic system

Pump (1) \_\_\_\_\_ Gear pump

Maximum capacity \_\_\_\_\_ 6 l/min

Relief pressure \_\_\_\_\_ 3.5 MPa

### Control valves

9 function multiple control valve. Pump 1 for right travel and bucket function. Pump 2 for left travel, house swing, and arm function. Pump 3 for boom center swing. Pump 4 for pilot valve

### Swing

Motor (1) \_\_\_\_\_ Fixed displacement axial piston design

Speed \_\_\_\_\_ 0-8.6 rpm

Tail swing radius \_\_\_\_\_ 589 mm

Tail swing overhang \_\_\_\_\_ 0 mm

## Travel

Motor (2) \_\_\_\_\_ Two-speed axial piston design

Final drive \_\_\_\_\_ Planetary gear reduction

## Travel Speeds

Forward/Reverse \_\_\_\_\_

Low \_\_\_\_\_ 2.0 km/h

High \_\_\_\_\_ 4.0 km/h

## ELECTRICAL SYSTEM

Voltage \_\_\_\_\_ 12 V

Alternator \_\_\_\_\_ 20 Amp

Batteries (1) 40 V \_\_\_\_\_ Heavy-duty

## UNDERCARRIAGE

### Number of rollers

Top, each track \_\_\_\_\_ 0

Bottom, each track \_\_\_\_\_ 3

Gradability \_\_\_\_\_ 58% (30°)

## CIRCUIT AND COMPONENT CAPACITIES

### Hydraulic tank

Refill capacity \_\_\_\_\_ 9 l

Total system \_\_\_\_\_ 15 l

Engine \_\_\_\_\_

w/ filter change \_\_\_\_\_ 3.5 l

Fuel \_\_\_\_\_ 22 l

Radiator \_\_\_\_\_ 3.7 l

## OPERATING WEIGHT

With 75 kg operator, 30 kg bucket,

full fuel and standard equipment \_\_\_\_\_ 1650 kg

Ground pressure \_\_\_\_\_ 27.5 kPa

# BUCKETS

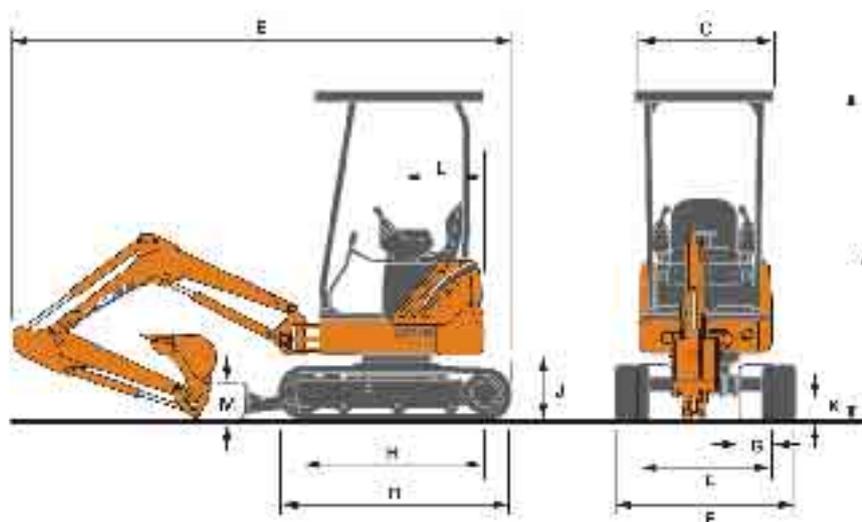
SAE capacity	l	24	28	36
Width	mm	254	305	406
Weight	kg	28	30	34



# GENERAL DIMENSIONS

## CX17B ZTS

WITH 1.75 m STANDARD MONOBOOM

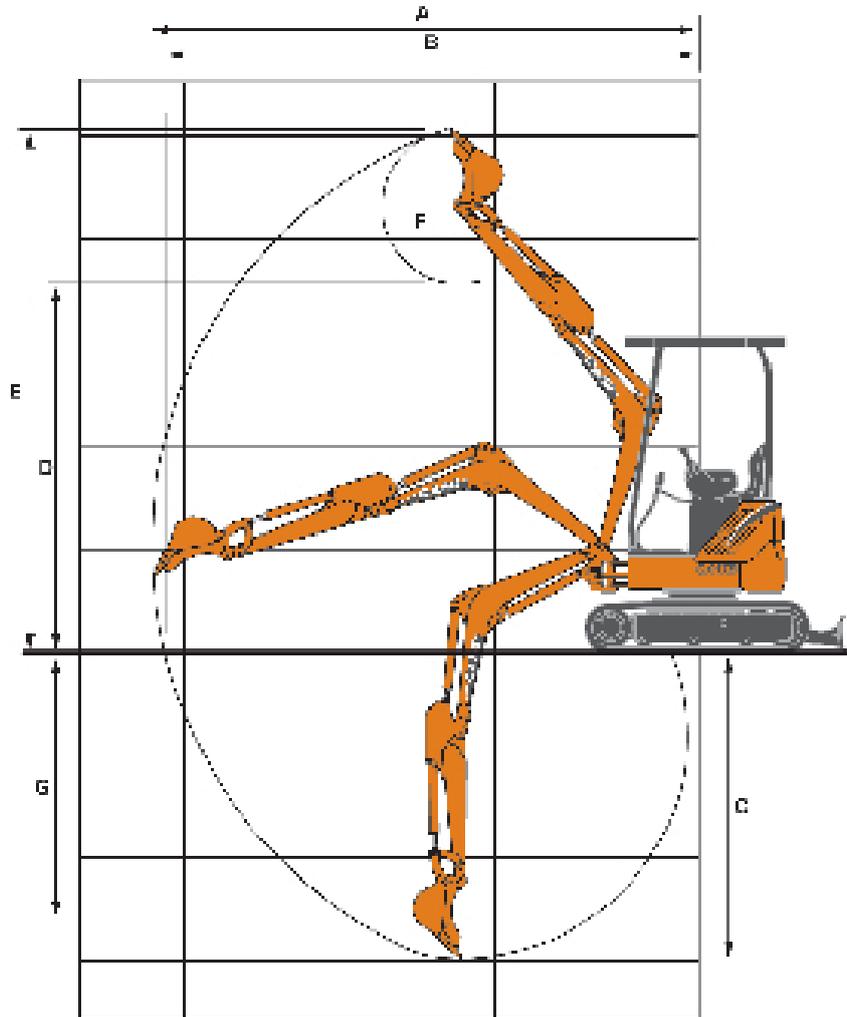


<b>A</b> Overall height	m	2.35
<b>B</b> Overall length	m	3.42
<b>C</b> Width of upperstructure	m	0.89
<b>D</b> Track overall length	m	1.56
<b>E</b> Track overall width w/230 mm shoes - retracted	m	0.99
<b>F</b> Track overall width w/230 mm shoes - expanded	m	1.32
<b>G</b> Track shoe width 230 mm	mm	230
<b>H</b> Center to center (idler to sprocket)	m	1.21
<b>J</b> Upperstructure ground clearance	mm	445
<b>K</b> Minimum ground clearance	mm	175
<b>L</b> Tail swing radius	mm	640
<b>M</b> Backfill blade height	mm	250
Working weight	kg	1650
Ground pressure	kPa	27.5
Tail swing overhang	m	0

# PERFORMANCE DATA

## CX17B ZTS

WITH 1.75 m STANDARD MONOBOOM



<b>A</b> Maximum dig radius	m	3.89
<b>B</b> Dig radius at groundline	m	3.79
<b>C</b> Maximum dig depth	m	2.15
<b>D</b> Dump height	m	2.65
<b>E</b> Overall reach height	m	3.68
<b>F</b> Bucket rotation		188°
<b>G</b> Vertical straight wall dig depth	m	1.66
Arm digging force	kg	1020
Bucket digging force	kg	1550

# CX17B



# SPECIFICATIONS CX18B SERIES 2

## WEIGHTS

Machine Mass (Canopy) Max \_\_\_\_\_ 1560 kg  
Machine Mass (Cab) Max \_\_\_\_\_ 1780 kg

## ENGINE

Engine Maker/Model \_\_\_\_\_ Mitsubishi/L3E  
Rated Power \_\_\_\_\_ 11.3 kW  
Rated Speed \_\_\_\_\_ 2100 min<sup>-1</sup>  
Cyl. - Stroke Volume \_\_\_\_\_ 3 - 952 cm<sup>3</sup>  
Max. Torque \_\_\_\_\_ 53.5 N·m @ 1800 rpm  
Allowable Ambient Temperature \_\_\_\_\_ -15/45 °C  
Fuel Consumption Rate (E/G) \_\_\_\_\_ 270 g/kW.h  
Fuel Consumption (Digging) \_\_\_\_\_ 2.6 l/h

## HYDRAULICS

Set Pressure (Att) \_\_\_\_\_ 21.6 MPa  
Set Pressure (Travel) \_\_\_\_\_ 21.6 MPa  
Set Pressure (Swing) \_\_\_\_\_ 14 MPa  
Rated Flow (Att, Travel) @ 2100 Rpm \_\_\_\_\_ 15.5 l/min  
Rated Flow (Swing) @ 2100 Rpm \_\_\_\_\_ 10.9 l/min

## ELECTRICAL SYSTEM

Voltage \_\_\_\_\_ 12 V  
Alternator Capacity \_\_\_\_\_ 40 A  
Starter Motor \_\_\_\_\_ 1,7 kW  
Battery \_\_\_\_\_ 1x40 Ah

## DIMENSIONS

Bucket Capacity (Std) Sae \_\_\_\_\_ 0.042 m<sup>3</sup>  
Outside Width Of Bucket (Std) \_\_\_\_\_ 400 mm  
Min. Swing Diameter \_\_\_\_\_ 3050 mm  
Min. Swing 90° diameter \_\_\_\_\_ 2590 mm  
Track Gauge \_\_\_\_\_ 760/1100 mm  
Crawler Base \_\_\_\_\_ 1215 mm  
Ground Clearance Of Undercarriage \_\_\_\_\_ 175 mm

## UNDERCARRIAGE

Num. Of Sprocket Teeth \_\_\_\_\_ 19  
Num. Of Roller (Upp/Low) \_\_\_\_\_ plate/3  
Gradability \_\_\_\_\_ 58%  
Travel Speed (1St/2Nd Speed) \_\_\_\_\_ 2/3.5 km/h

## PERFORMANCE

Bucket Digging Force (Iso) \_\_\_\_\_ 14 kN  
Arm Digging Force (Jis Iso) \_\_\_\_\_ 7.8 kN  
Outside Width Of Bucket (Std) \_\_\_\_\_ 400 mm  
Lifting Capacity (Front Direction) \_\_\_\_\_ 3.3 kNxm  
Lifting Capacity (Back Direction) \_\_\_\_\_ 3.3 kNxm  
Lifting Capacity (Side Direction) \_\_\_\_\_ 3.2 kNxm  
Boom Speed (Up) \_\_\_\_\_ 2.2 s  
Boom Speed (Down) \_\_\_\_\_ 2.1 s  
Arm Speed (Crowding) \_\_\_\_\_ 2.6 s  
Arm Speed (Pushing) \_\_\_\_\_ 2.4 s  
Bucket (Digging) \_\_\_\_\_ 2.9 s  
Bucket (Dumping) \_\_\_\_\_ 2 s  
Boom Swing (Left) \_\_\_\_\_ 4.7 s  
Boom Swing (Right) \_\_\_\_\_ 4.7 s  
Dozer (Up) \_\_\_\_\_ 1.5 s  
Dozer (Down) \_\_\_\_\_ 2 s  
Productivity \_\_\_\_\_ 18 m<sup>3</sup>/h  
Ground Pressure Cab/Canopy \_\_\_\_\_ 31/27 kPa  
Steady State Swing Speed \_\_\_\_\_ 9 min<sup>-1</sup>  
Swing Gradability Deg \_\_\_\_\_ 20°  
Max. Tractive Force (Sae Cal.) \_\_\_\_\_ 19.2 kN

## CAPACITIES

Fuel Tank Capacity \_\_\_\_\_ 19.5 l  
Coolant Capacity \_\_\_\_\_ 3.5 l  
Engine Oil Capacity \_\_\_\_\_ 3 l  
Falling Rate By Inner Oil Leak @ Bucket \_\_\_\_ 125 mm/10 min\*  
Hydraulic Oil (Standard Level) \_\_\_\_\_ 8.8 l  
Hydraulic Oil (Tank Capacity) \_\_\_\_\_ 12.3 l

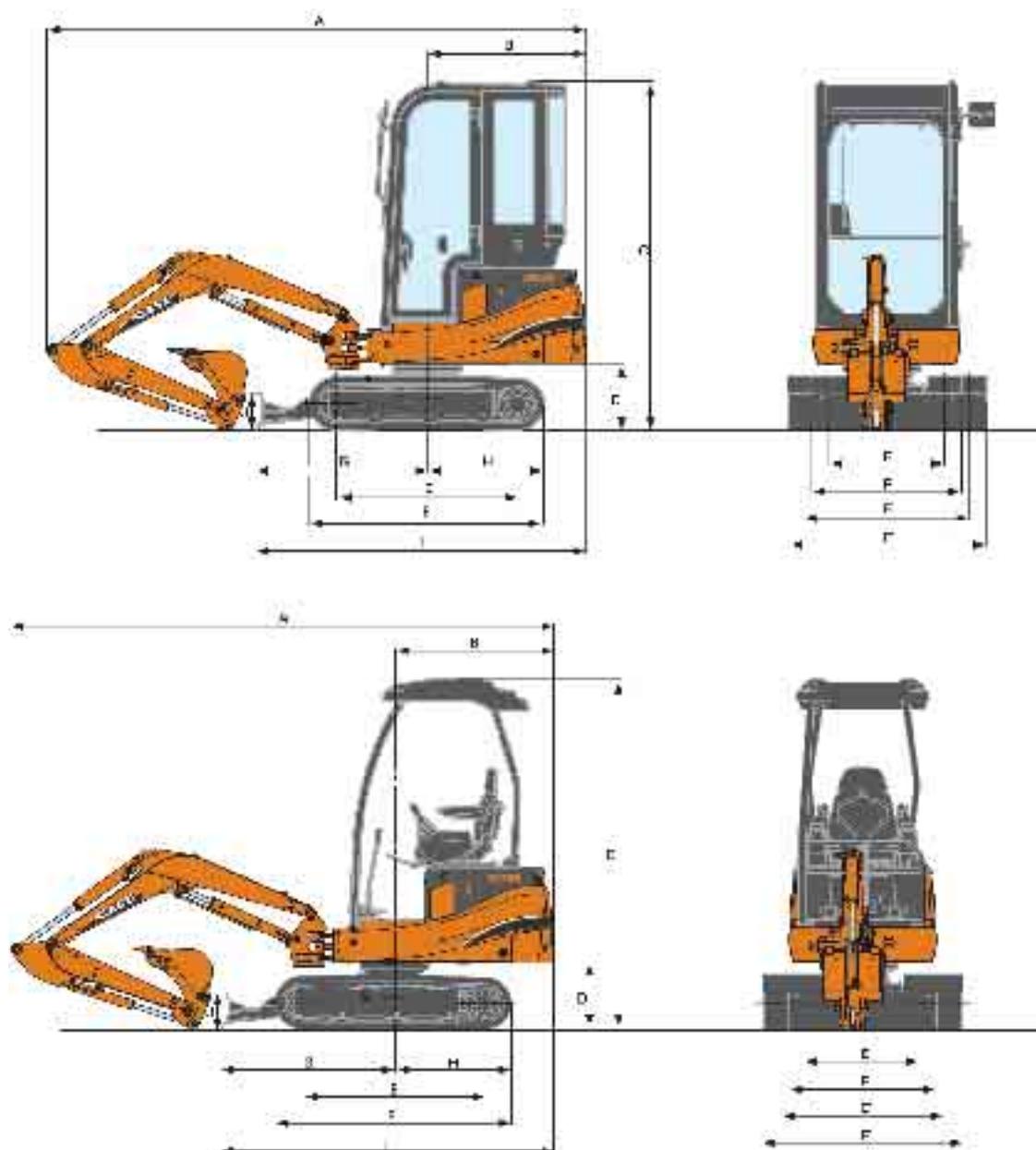
## NOISE

Acoustic Power Level \_\_\_\_\_ 93 dB  
Noise At Ear \_\_\_\_\_ 74 dB

# GENERAL DIMENSIONS

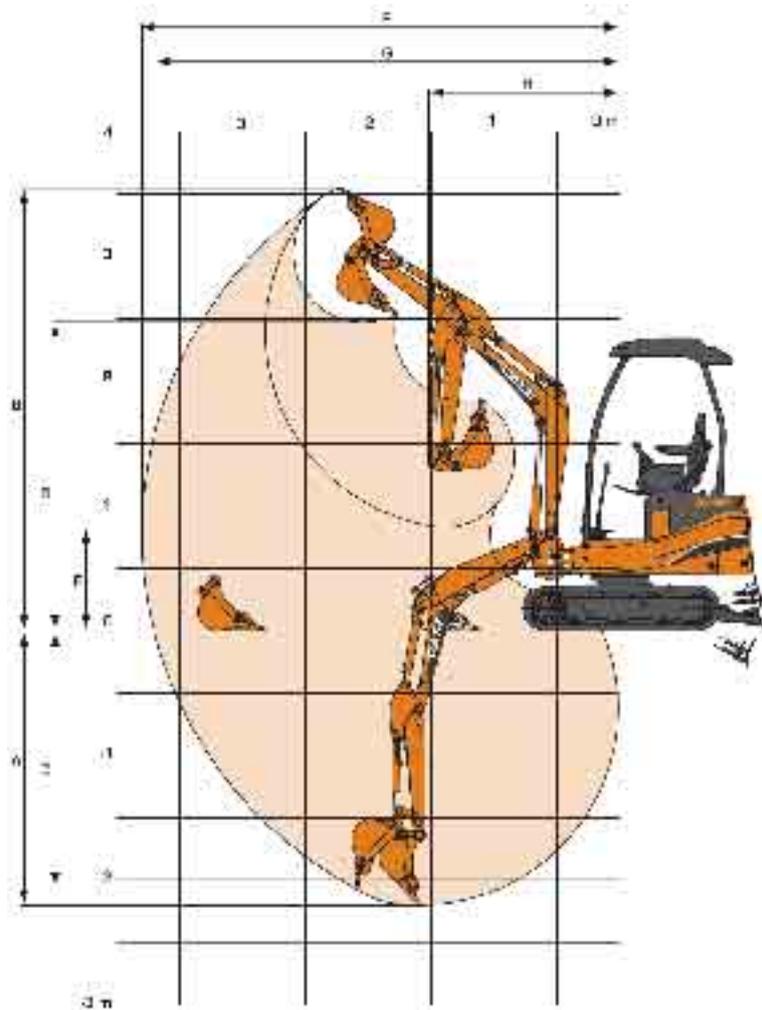
## CX18B SERIES 2

WITH 1.75 m STANDARD MONOBOOM



		CX18B Cab		CX18B Canopy		
		1.02	1.22	1.02	1.22	
<b>DIPPER LENGTH</b>						
<b>A</b>	Overall height	m	2.35	2.35	2.34	2.34
<b>B</b>	Overall length	m	3.60	3.62	3.60	3.62
<b>C</b>	Width of upperstructure	m	1.20	1.20	0.89	0.89
<b>D</b>	Track overall length	m	1.56	1.56	1.56	1.56
<b>E</b>	Track overall width	m	0.77	0.77	0.77	0.77
<b>E'</b>	Track overall width	m	1.1	1.1	1.1	1.1
<b>F</b>	Track shoe width	m	1.0	1.0	1.0	1.0
<b>F'</b>	Track shoe width	m	1.33	1.33	1.33	1.33
<b>G</b>	Center to center (idler to sprocket)	m	1.21	1.21	1.21	1.21
<b>H</b>	Upperstructure ground clearance	m	0.44	0.44	0.44	0.44
<b>J</b>	Backfill blade height	m	0.24	0.24	0.24	0.24
	Working weight	kg	1700	1700	1480	1480
	Ground pressure	kPa	30	30	25	25
	Tail swing radius	m	1.06	1.06	1.06	1.06

# PERFORMANCE DATA CX18B SERIES 2



<b>A</b>	Maximum digging depth	m	2.20
<b>B</b>	Maximum height of cutting edge	m	3.55
<b>C</b>	Maximum vertical digging depth	m	2.06
<b>D</b>	Maximum dumping height	m	2.47
<b>E</b>	Minimum dumping height	m	0.83
<b>F</b>	Maximum cutting radius	m	3.8
<b>G</b>	Maximum digging radius at ground level	m	3.7
<b>H</b>	Minimum swing radius of attachment	m	1.52
	Arm digging force	kN	7.4
	Bucket digging force	kN	13.3

# LIFTING CAPACITY

CX15B Series 2 - CX17B ZTS - CX18B Series 2 - WITH 1.75 m STANDARD MONOBOOM

Values are expressed in kilos

Front 360°	REACH										
	1.0 m	1.5 m	2.0 m	2.5 m	3.0 m	At max reach	m				

## 0.98 m dipper, 230 mm shoes and bucket of 0.044 m<sup>3</sup> - Crawler width max - dozer front side

3.0 m												340*	340*	2.21	
2.5 m							300	300				250	250	2.76	
2.0 m							300	290	210	210		200	200	3.08	
1.5 m					420	410	280	280	200	200		170	170	3.27	
1.0 m					360	610	390	380	270	260	190	190	160	160	3.36
0.5 m					590	570	360	360	250	250	190	190	150	160	3.34
0 m	600*	600*			580	560	350	340	240	240	180	180	160	160	3.24
-0.5 m	930*	930*			580	560	350	340	240	240	180	180	180	180	3.02
-1.0 m	1290*	1290*			590	570	350	350	240	240			220	220	2.65
-1.5 m					530*	530*	360*	360*					350*	350*	2.02

## 0.98 m dipper, 230 mm shoes and bucket of 0.044 m<sup>3</sup> - Crawler width max - dozer rear side

3.0 m													340*	340*	2.21	
2.5 m							300	300					250	250	2.76	
2.0 m							300	290	210	210			200	200	3.08	
1.5 m						420	410	290	280	210	200		180	170	3.27	
1.0 m						610	610	290	280	270	260	200	190	160	160	3.36
0.5 m						570	570	360	360	260	250	190	190	160	160	3.34
0 m	600*	600*			560	560	350	340	250	240	190	180	170	160	3.24	
-0.5 m	930*	930*			570	560	350	340	250	240	190	180	190	180	3.02	
-1.0 m	1290*	1290*			580	570	350	350	350	250	240		230	220	2.65	
-1.5 m					530*	530*	360*	360*					350*	350*	2.02	

## 0.98 m dipper, 230 mm shoes and bucket of 0.044 m<sup>3</sup> - Crawler width extended - dozer front side

3.0 m															
2.5 m															
2.0 m										230	230				
1.5 m								320	310	230	230				
1.0 m						700	670	440	420	300	300	220	220		
0.5 m						650*	630	410	400	290	280	210	210		
0 m	600*	600*			650	630	400	390	280	270	210	210			
-0.5 m	930*	930*			660	630	390	380	270	270	210	210			
-1.0 m	1290*	1290*			670	640	400	390	280	270					
-1.5 m					530*	530*	360*	360*							

## 0.98 m dipper, 230 mm shoes and bucket of 0.044 m<sup>3</sup> - Crawler width extended - dozer rear side

3.0 m															
2.5 m															
2.0 m										240	230				
1.5 m								320	310	230	230				
1.0 m						670	670	430	420	300	300	220	220		
0.5 m						630	630	400	400	290	280	220	210		
0 m	600*	600*			630	630	390	390	280	270	210	210			
-0.5 m	930*	930*			630	630	390	380	280	270	210	210			
-1.0 m	1290*	1290*			640	640	390	390	280	270					
-1.5 m					530*	530*	360*	360*							

# LIFTING CAPACITY

CX15B Series 2 - CX17B ZTS - CX18B Series 2 - WITH 1.75 m STANDARD MONOBOOM

Values are expressed in kilos

Front 360°	REACH													
	1.0 m		1.5 m		2.0 m		2.5 m		3.0 m		3.5 m		At max reach	

## 1.20 m dipper, 230 mm shoes and bucket of 0.044 m³ - Crawler width max - dozer front side

3.0 m							290*	290*					280	270	2.60
2.5 m							250*	250*	210	210			200	200	3.06
2.0 m							270*	270*	210	210			160	160	3.34
1.5 m							280	280	200	200	150	150	140	140	3.52
1.0 m			660	630	390	390	270	260	190	190	140	140	130	130	3.59
0.5 m			590	560	360	350	250	250	180	180	140	140	130	130	3.58
0 m	470*	470*	560	540	340	330	240	230	170	170			130	130	3.48
-0.5 m	740*	740*	560	540	330	330	230	230	170	170			150	150	3.29
-1.0 m	1060*	1060*	570	550	340	330	230	230					180	180	2.96
-1.5 m	1400*	1380	590	570	350	340							250	250	2.45

## 1.20 m dipper, 230 mm shoes and bucket of 0.044 m³ - Crawler width max - dozer rear side

3.0 m							290*	290*					280	270	2.60
2.5 m							250*	250*	210	210			210	200	3.06
2.0 m							270*	270*	210	210			170	160	3.34
1.5 m							290	280	210	200	150	150	150	140	3.52
1.0 m			630	630	390	390	270	260	200	190	150	140	140	130	3.59
0.5 m			570	560	360	350	250	250	190	180	140	140	140	130	3.58
0 m	470*	470*	550	540	340	330	240	230	180	170			140	130	3.48
-0.5 m	740*	740*	550	540	340	330	240	230	180	170			150	150	3.29
-1.0 m	1060*	1060*	550	550	340	330	240	230					180	180	2.96
-1.5 m	1320	1380	570	570	350	340							250	250	2.45

## 1.20 m dipper, 230 mm shoes and bucket of 0.044 m³ - Crawler width max - dozer front side

3.0 m															
2.5 m									240	230					
2.0 m									230	230					
1.5 m									230	220	170	170			
1.0 m			730	700	440	430	300	290	220	210	160	160			
0.5 m			660	630	410	400	280	280	210	210	160	160			
0 m	470*	470*	640	610	390	380	270	270	200	200					
-0.5 m	740*	740*	640	610	380	370	260	260	200	190					
-1.0 m	1060*	1060*	640	620	380	370	260	260							
-1.5 m	1400*	1400*	660	630	390	380									

## 1.20 m dipper, 230 mm shoes and bucket of 0.044 m³ - Crawler width max - dozer rear side

3.0 m															
2.5 m									240	230					
2.0 m									240	230					
1.5 m									230	220	170	170			
1.0 m			690	700	430	430	300	290	220	210	170	160			
0.5 m			630	630	400	400	280	280	210	210	160	160			
0 m	470*	470*	610	610	380	380	270	270	200	200					
-0.5 m	740*	740*	610	610	380	370	270	260	200	190					
-1.0 m	1060*	1060*	610	620	380	370	270	260							
-1.5 m	1400*	1400*	630	630	390	380									



# CX17B<sup>ZTS</sup> CX15B-CX18B Series 2

## STANDARD EQUIPMENT & OPTIONS

### STANDARD EQUIPMENT

- Mitsubishi 11,3 kW engine
- Hand and foot controlled travel arm
- Fixed seat with tiltable arm rests and Case logo
- 3 post canopy or cab with heater
- One (cab) or 2 (canopy) red safety access levers

#### STANDARD "CX15B Series 2 - 1 speed "

- 1 speed
  - 2 pump variable flow hydraulics with conflux
  - 3 post canopy
  - Fixed seat with tiltable arm rests and Case logo
  - Rubber tracks
- OPTION: auxiliary hydraulic circuit

#### STANDARD "CX15B Series 2 - 2 speed "

- 2 speed
  - 2 pump variable flow hydraulics with conflux
  - 3 post canopy with Fixed vinyl seat with tiltable arm rests or Suspension vinyl seat with adjustable arm rests or Cab (with heater and suspension cloth seat)
  - Rubber tracks
- OPTION: auxiliary hydraulic circuit

#### STANDARD "CX18B Series 2 - 2 speed "

- Variable hydraulic tracks with expandable blade
- 2 speed
- 3 pump hydraulics ( 2 variable + 1 gear pump ) with conflux
- 3 post canopy with fixed vinyl seat with tiltable arm rests or Suspension vinyl seat with adjustable arm rests or Cab (with heater and suspension cloth seat)
- Rubber tracks
- Auxiliary hydraulic circuit

#### STANDARD "CX17B - zts "

- Variable hydraulic tracks
- Zero tail swing
- 2 speed
- 3 pump hydraulics ( 2 variable + 1 gear pump ) with conflux
- 3 post canopy with suspension vinyl seat or Cab (with heater and suspension cloth seat)
- Rubber or steel tracks
- Option auxiliary hydraulic circuit

Standard and optional equipment shown can vary by country.

#### Worldwide Case Construction Equipment Contact Information

**EUROPE/AFRICA/MIDDLE EAST:**  
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5, Avenue Georges Bataille - BP 40401  
60671 Le Plessis-Belleville - FRANCE

**NORTH AMERICA/MEXICO:**  
700 State Street  
Racine, WI 53404 U.S.A.

**LATIN AMERICA:**  
Av. General David Sarnoff 2237  
32210 - 900 Contagem - MG  
Belo Horizonte BRAZIL

**ASIA PACIFIC:**  
Unit 1 - 1 Foundation Place - Prospect  
New South Wales - 2148 AUSTRALIA

**CHINA:**  
No. 29, Industrial Premises, No. 376,  
De Bao Road, Waigaoqiao Ftz, Pudong,  
SHANGHAI, 200131, P.R.C.



The call is free from a land line. Check in advance with your Mobile Operator if you will be charged.

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



Conforms to directive 98/37/CE

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