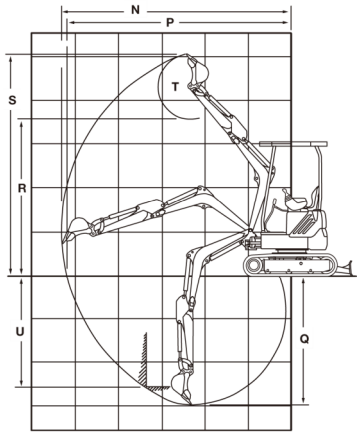
CASE CX17-BS

SOUTHERN TOOL + EQUIPMENT

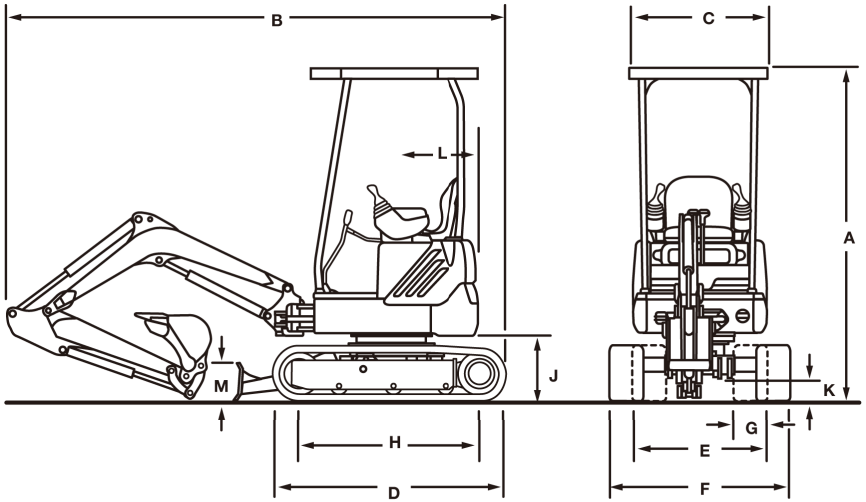
CASE CX17-BS Excavator



Sometimes your biggest challenge in construction is finding enough room to work — or acquiring machines to work in the restricted spaces so commonly found on jobsites. Either way, Case delivers the ideal solution with its line of compact excavators. With a full range of dig depths, buckets and attachment options, Case CX B Series compact excavators have one thing in common — the ability to travel and work within tight, restricted areas.

Imagine working tight to a foundation or fence line and not worrying about having enough room to turn or maneuver. With zero tail swing, Case compact excavators rotate within the width of their own tracks. Even in tight spaces, they dig, turn and unload with great efficiency.

Dimensions:



A:	2350mm
B:	3420mm
C:	890mm
D:	1560mm
E:	990mm
F:	1320mm
G:	230mm
H:	1210mm
J:	445mm
K:	175mm
L:	640mm
M:	250mm

Specifications

ENGINE

Model	Mitsubishi L3E-W231KBS Tier IV compliant
Cylinders	3
Bore/Stroke	2.99 in x 2.76 in (76 x 70 mm)
Displacement	58.1 in³ (952 cc)
Fuel injection	Direct
Fuel injection pump	Mechanical
Fuel	Diesel
Fuel filter	Full flow
Cooling	Liquid
Horsepower per ISO 9249	
Net	15.15 hp (11.3 kW) @ 2200 rpm
Maximum torque @ 1800 rpm	
Net	39.5 lb·ft (53.5 N·m)

BOOM/ARM

Boom	
Swing	80° left/50° right
Length	5 ft 9 in (1.75 m)
Boom warm cylinder & plumbing	156 lb (70.8 kg)
Arm	
Length	3 ft 3 in (.99 m)
Arm w/bucket cylinder linkage & plumbing	135 lb (61.2 kg)

UNDERCARRIAGE

Number of rollers	
Top, each track	0
Bottom, each track	3
Gradability	58% (30°)

HYDRAULICS

Pumps (2)	Variable displacement piston pump
Capacity –	
Maximum	2 x 4.3 gpm (2 x 16.3 L/min)
System relief pressure –	
Standard	3133 psi (21.6 MPa)
Pilot control hydraulic system –	
Pump (1)	Gear pump
Maximum capacity	1.6 gpm (6 L/min)
Relief pressure	508 psi (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
Brake	Spring applied, hydraulically released with dual cushion relief
Tail swing radius	1 ft 11 in (589 mm)
Tail swing overhang	0 ft 0 in (0 mm)
Travel –	
Motor (2)	Two-speed axial piston design
Final drive	Planetary gear reduction
Travel Speeds –	Forward/Reverse
Low	1.2 mph (2.0 km/h)
High	2.5 mph (4.0 km/h)

HYDRAULIC CYLINDERS

Boom cylinders (1)	
Bore diameter	2.36 in (60 mm)
Rod diameter	1.77 in (45 mm)
Stroke	15.9 in (404 mm)
Arm cylinder (1) –	
Bore diameter	2.36 in (60 mm)
Rod diameter	1.77 in (45 mm)
Stroke	16.1 in (408 mm)
Bucket cylinder (1) –	
Bore diameter	1.97 in (50 mm)
Rod diameter	1.57 in (40 mm)
Stroke	14.4 in (365 mm)

ELECTRICAL

Voltage	12 volts,
Alternator	20 amp
Batteries (1) 12V	Heavy-duty

SERVICE CAPACITIES

Hydraulic tank	
Refill capacity	2.4 gal (9 L)
Total system	4.0 gal (15 L)
Engine w/filter change	0.93 gal (3.5 L)
Fuel	5.8 gal (22 L)
Radiator	1.0 gal (3.7 L)

OPERATING WEIGHT

With 165 lb (75 kg) operator, 67 lb (30 kg) bucket, full fuel and standard equipment	3,638 lb (1650 kg)
Ground pressure	3.9 psi (27.5 kPa)