

THE CX B SERIES COMPACT EXCAVATORS



SPECIFICATIONS	CX17B	CX27B	CX31B	CX36B	CX55B Tier 4 Final
Engine	Mitsubishi L3E-W231KBS	Yanmar 3TNV82-A-SYB	Yanmar 3TNV88-BPYB	Yanmar 3TNV88-BPYB	Yanmar 4TNV88-C-PYB
Net hp (kW)	15.2 (11.3) @ 2200 RPM	21.3 (15.9) @ 2200 RPM	28.4 (21.2) @ 2400 RPM	28.4 (21.2) @ 2400 RPM	39.3 (29.3) @ 2400 RPM
Emissions certification*	Tier 4 Interim	Tier 4 Interim	Tier 4 Interim	Tier 4 Interim	Tier 4 Final (CEGR/DPF)
Bucket digging force – lb. (kN)	3,417 (15.2)	6,351 (28.2)	8,430 (37.5)	8,430 (37.5)	11,128 (49.5)
Arm digging force – lb. (kN)	1,956 (8.7)	2,877 (12.8)	3,373 (15.0)	3,731 (17.0)	5,300 (23.7)
Operating weight – lb. (kg)	3,638 (1 650)	5,556 (2 520)	6,679 (3 030)	7,958 (3 610)	11,310 (5 130)
DIMENSIONS					
Overall height	7 ft. 9 in. (2.35 m)	8 ft. 2 in. (2.50 m)	8 ft. 5 in. (2.57 m)	8 ft. 5 in. (2.57 m)	8 ft. 4 in. (2.55 m)
Overall length	11 ft. 3 in. (3.42 m)	13 ft. 11 in. (4.13 m)	14 ft. 4 in. (4.39 m)	15 ft. 5 in. (4.71 m)	17 ft. 10 in. (5.42 m)
Width of upperstructure	2 ft. 11 in. (0.89 m)	4 ft. 7 in. (1.40 m)	5 ft. 1 in. (1.55 m)	5 ft. 1 in. (1.55 m)	6 ft. 4 in. (1.94 m)
Track overall length	5 ft. 2 in. (1.56 m)	6 ft. 6 in. (1.98 m)	6 ft. 7 in. (2.00 m)	7 ft. 1 in. (2.15 m)	8 ft. 1 in. (2.48 m)
Track overall width with shoes**	4 ft. 4 in. (1.32 m)	4 ft. 11 in. (1.50 m)	5 ft. 1 in. (1.55 m)	5 ft. 7 in. (1.70 m)	6 ft. 6 in. (1.98 m)
Track shoe width	9.1 in. (230 mm)	9.8 in. (250 mm)	11.8 in. (300 mm)	11.8 in. (300 mm)	15.7 in. (400 mm)
Upperstructure ground clearance	18.0 in. (445 mm)	20.0 in. (520 mm)	22.0 in. (570 mm)	22.0 in. (570 mm)	24.5 in. (625 mm)
Minimum ground clearance	6.9 in. (175 mm)	9.8 in. (250 mm)	12.9 in. (330 mm)	12.9 in. (330 mm)	14.0 in. (350 mm)
Rear tail swing radius	2 ft. 2 in. (0.66 m)	2 ft. 5 in. (0.75 m)	2 ft. 7 in. (0.79 m)	2 ft. 9 in. (0.85 m)	4 ft. 2 in. (1.28 m)
Digging depth	7 ft. 1 in. (2 159 mm)	8 ft. 4 in. (2 540 mm)	9 ft. 2 in. (2 794 mm)	10 ft. 1 in. (3 073 mm)	12 ft. 10 in. (3 912 mm)

NOTE: *CEGR = Cooled Exhaust Gas Recirculation; DPF = Diesel Particulate Filter.

**Measurements taken using standard equipment.