

Quote:

Luby Equipment Services

2300 Cassens Drive
Fenton, MO 63026
636-343-9970

MoDot

830 MoDot Drive
Jefferson City, MO 65109

Date: 9/25/2013 Bid #3-130925TV

Proposed by: Jerry Jansen

New unit: Item #1 specifications as bid.

Case CX55B compact excavator

- Base machine
- Cab w/ heat and A/C
- 10'1" boom
- 5'5" arm
- 15.7" rubber tracks
- Auxiliary hydraulics (one way / two way flow switchable)
- Control pattern changer
- Travel alarm

Valid until: 6/30/2014

Price:	\$54,750.00
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Trade:

- None

	Trade:	\$0.00
	Difference:	\$54,750.00
0.00%	Tax:	\$0.00
	Total:	\$54,750.00

Optional equipment:

Option 1 - 30" Heavy duty tooth bucket w/ pins	\$1,325.00
Option 2 - 36" Heavy duty tooth bucket w/ pins	\$1,425.00
Option 3 - 48" Ditching bucket w/ bolt on edge & pins	\$1,825.00
Option 4 - Hydraulic thumb	\$1,850.00
Option 5 - LED or strobe beacon light	\$363.00
Option 6 - 24" Heavy duty tooth bucket w/ pins	\$1,225.00
Option 7 - Manual bucket quick coupler; pin grabber	\$1,875.00

Warranty:

- 1 year / 1000 hours machine warranty

Finance:

- Municipal leases available. Contact dealer for details.

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Date: 9/25/2013 Bid #3-130925TV

Proposed by: Jerry Jansen

New unit: Item #1 specifications as bid.

Takeuchi TB153FR compact excavator

- Base machine
- Cab w/ heat and A/C
- 10'1" boom
- 5'9" arm
- 15.7" rubber tracks
- Auxiliary hydraulics (one way / two way flow switchable)
- Control pattern changer
- Travel alarm

Valid until: 6/30/2014

Price:	\$58,000.00
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Trade:

- None

	Trade:	\$0.00
	Difference:	\$58,000.00
0.00%	Tax:	\$0.00
	Total:	\$58,000.00

Optional equipment:

Option 1 - 30" Heavy duty tooth bucket w/ pins	\$1,325.00
Option 2 - 36" Heavy duty tooth bucket w/ pins	\$1,425.00
Option 3 - 48" Ditching bucket w/ bolt on edge & pins	\$1,825.00
Option 4 - Hydraulic thumb	\$1,850.00
Option 5 - LED or strobe beacon light	\$363.00
Option 6 - 24" Heavy duty tooth bucket w/ pins	\$1,225.00
Option 7 - Manual bucket quick coupler; pin grabber	\$1,875.00

Warranty:

- 2 year / 2000 hour machine.

Finance:

- Municipal leases available. Contact dealer for details.

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Fenton, MO 63026
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Jefferson City, MO 65109

Date: 9/25/2013 Bid #3-130925TV

Proposed by: Jerry Jansen

New unit: Item #1 specifications as bid.

Takeuchi TB260 compact excavator

- Base machine
- Cab w/ heat and A/C
- 10'0" boom
- 5'10" arm
- 15.7" rubber tracks
- Auxiliary hydraulics (one way / two way flow switchable)
- Control pattern changer
- Travel alarm

Valid until: 6/30/2014

Price:	\$58,500.00
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Trade:

- None

	Trade:	\$0.00
	Difference:	\$58,500.00
0.00%	Tax:	\$0.00
	Total:	\$58,500.00

Optional equipment:

Option 1 - 30" Heavy duty tooth bucket w/ pins	\$1,325.00
Option 2 - 36" Heavy duty tooth bucket w/ pins	\$1,425.00
Option 3 - 48" Ditching bucket w/ bolt on edge & pins	\$1,825.00
Option 4 - Hydraulic thumb	\$1,850.00
Option 5 - LED or strobe beacon light	\$363.00
Option 6 - 24" Heavy duty tooth bucket w/ pins	\$1,225.00
Option 7 - Manual bucket quick coupler; pin grabber	\$1,875.00

Warranty:

- 2 year / 2000 hour machine.

Finance:

- Municipal leases available. Contact dealer for details.

Quote:

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Date: 9/25/2013 Bid #3-130925TV

Proposed by: Jerry Jansen

New unit: Item #2 specifications as bid.

Case CX130C excavator

- Base machine
- Cab w/ heat and A/C
- 15'2" boom
- 8'2" arm
- 23.6" triple grouser pads (steel)
- Auxiliary hydraulics (one way / two way flow switchable)
- Control pattern changer
- Sun visor
- Includes Pro-care program with Telematics

Valid until: 6/30/2014

Price:

	\$117,250.00
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Trade:

- None

	Trade:	\$0.00
	Difference:	\$117,250.00
0.00%	Tax:	\$0.00
	Total:	\$117,250.00

Optional equipment:

Option 1 - 24" Heavy duty tooth bucket w/ pins	\$2,850.00
Option 2 - 36" Heavy duty tooth bucket w/ pins	\$3,250.00
Option 3 - 48" Ditch bucket w/ bolt on edge & pins	\$3,100.00
Option 4 - Hydraulic thumb	\$5,150.00
Option 5 - LED or strobe beacon light	\$363.00
Option 6 - Manual bucket quick coupler; pin grabber	\$3,800.00
Option 7 - Rubber pad track in lieu of standard; 20" pad width	\$5,995.00

Warranty:

- 3 year / 3000 hour machine (Case Pro-care program)

Finance:

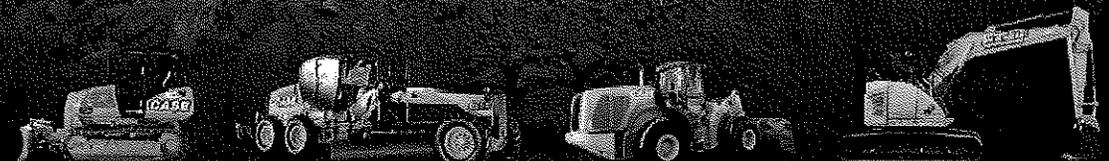
- Municipal leases available. Contact dealer for details.

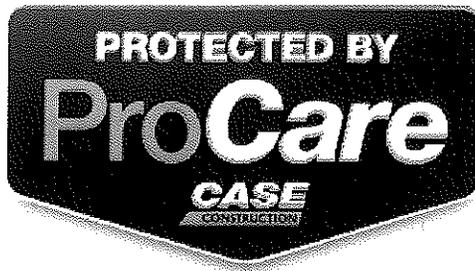
CASE
CONSTRUCTION

ProCare

**WARRANTY, MAINTENANCE AND TELEMATICS.
ALL OF IT. STANDARD. AND ONLY FROM CASE.**

CASE ProCare is the first all-in-one heavy machine support program that's as powerful as the equipment it protects. Best of all, ProCare comes standard and keeps you covered for up to three full years. It gives you the assurance your growing business needs to stay competitive, productive and profitable.





THE MOST COMPLETE MAINTENANCE AND HEAVY MACHINE SUPPORT IN THE INDUSTRY. PERIOD.



3-year / 3000-hr. Full-machine Factory Warranty*

We've got your back.

The ProCare package starts with industry-leading, comprehensive warranty coverage that frees you to use your CASE equipment like it's meant to be used. So don't hold back, go big. We've got you covered.

- Industry-leading coverage
- Worry-free ownership

3-year / 3000-hr. Planned Maintenance

Know your costs upfront.

With factory-trained CASE technicians taking care of your scheduled service, you get more than peak performance. You get fixed maintenance costs that help you budget better throughout the life of your machine.

- Reduced ownership costs
- Application and technical support
- Maximized uptime

3-year Advanced SiteWatch™ Subscription

Remote. Control.

Break the boundaries of fleet management with CASE SiteWatch telematics. Get real-time performance metrics, idle-time analytics, scheduled maintenance intervals and programmable security alerts sent to any computer, anytime, anywhere.

- Machine tracking
- Maintenance reminders
- Customized reporting

CASE ProCare comes standard on select 2013 new heavy machine orders. See your dealer for availability.

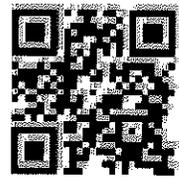
The ProCare Competitive Advantage.

	Full-Machine Factory Warranty	Planned Maintenance	Telematics
CASE ProCare	3-yr/3000-hr Full-Machine	3-yr/3000-hr Planned Maintenance	3-yr SiteWatch Subscription
Caterpillar	1-yr Full-Machine	Optional Feature at Additional Cost	5-yr Product Link
Komatsu	1-yr Full-Machine	3-yr/2000-hr Komatsu Care	5-yr Komtrax
Deere	1-yr Full-Machine	Optional Feature at Additional Cost	3-yr JDLink
Volvo	1-yr/2500-hr Full-Machine	Optional Feature at Additional Cost	3-yr Care Track

Based on manufacturer published information at the time of print. Any competitors' names, brands and/or logos referred to herein are the trademarks of those respective companies.



Visit CaseCE.com/procare:



*See CNH Warranty and Limitation of Liability for complete terms and limits of warranty. ProCare is a factory-fit program available only on select 2013 machines. © 2013 CNH America LLC. Case is a registered trademark of CNH America LLC. All rights reserved.

ENGINE

Model	Yanmar 4TNV88-BXPYBD
Cylinders	4
Bore/Stroke	3.46 in x 3.54 in (88 x 90 mm)
Displacement	134.2 in ³ (2.2 L)
Fuel injection	Direct
Fuel injection pump	Mechanical
Fuel	Diesel
Fuel filter	Full flow, paper element
Cooling	Liquid
Horsepower per SAE J1349	
Net	39.3 hp (29.3 kW) @ 2400 rpm
Maximum torque @ 1440 rpm	
Net	102.7 lb-ft (139.3 N-m)

BOOM/ARM

Boom	
Swing	70° left/60° right
Length	9 ft 9 in (2.98 m)
Arm	
Length	5 ft 6.5 in (1.66 m)

UNDERCARRIAGE

Number of rollers	
Top, each track	1
Bottom, each track	5
Gradeability	58% (30°)
Drawbar Pull	12,409 lbf (55.2 kN)

HYDRAULICS

Pumps	Tandem variable displacement axial piston pump
Capacity –	
Maximum	2 x 15 gpm (2 x 57.1 L/min)
Auxiliary Flow	15.0 gpm (57.1 L/min)
System relief pressure –	
Standard	3,336 psi (23.0 MPa)
Pilot control hydraulic system –	
Pump (1)	Gear pump
Maximum capacity	4.0 gpm (15.2 L/min)
Relief pressure	514 psi (3.5 MPa)
Control valves –	
11 spool	
Pilot control for left/right track travel, boom, arm, bucket & swing	
Manual control for breaker & backfill blade	
Swing/Dozer blade	
Motor (1)	Fixed displacement axial piston design
Speed	0-8.9 rpm
Brake	Hydraulic brake
Tail swing radius	4 ft 2 in (1280 mm)
Tail swing overhang	0 ft 11.7 in (299 mm)
Travel –	
Motor (2)	2-speed axial piston design
Final drive	Planetary gear reduction
Travel speeds –	
	Forward/Reverse
Low	1.7 mph (2.7 km/h)
High	2.9 mph (4.6 km/h)

HYDRAULIC CYLINDERS

Boom cylinder (1)	
Bore diameter	3.94 in (100 mm)
Rod diameter	2.17 in (55 mm)
Stroke	26.8 in (680 mm)
Arm cylinder (1) –	
Bore diameter	3.54 in (90 mm)
Rod diameter	1.97 in (50 mm)
Stroke	28.9 in (735 mm)
Bucket cylinder (1) –	
Bore diameter	2.95 in (75 mm)
Rod diameter	1.57 in (40 mm)
Stroke	21.4 in (543mm)

ELECTRICAL

Voltage	12 volts, negative ground
Alternator	40 amp
Batteries (1) 12V	Low-maintenance

SERVICE CAPACITIES

Hydraulic tank	
Refill capacity	9 gal (34 L)
Total system	16 gal (61 L)
Engine oil	
w/filter change	2 gal (7.4 L)
Fuel	19.8 gal (75 L)
Radiator	1.6 gal (6.0 L)

OPERATING WEIGHT

Cab with 165 lb (75 kg) operator, 247 lb (112 kg) bucket, full fuel and standard equipment	12,295 lb (5577 kg)
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LIFT CAPACITIES

Canopy model — 5 ft 6.5 in (1.66 m) Arm Lift capacities calculated using 15.7 in (400 mm) shoes, 247 lb (112 kg) bucket, blade down.

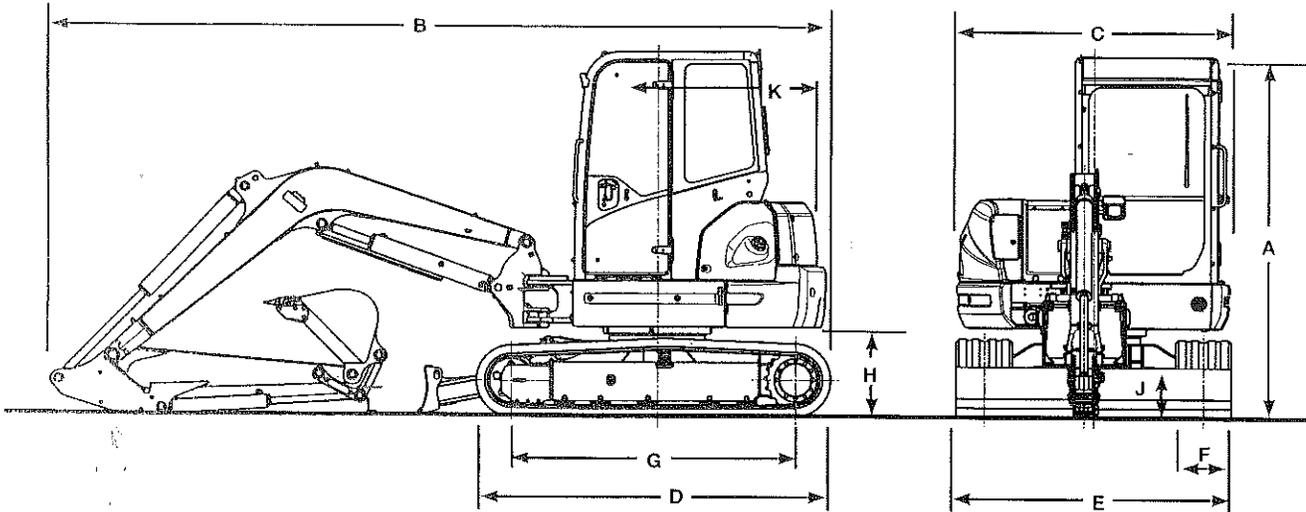
Load (Lift Point) Height	5 ft (1.5 m)		7.5 ft (2.3 m)		10 ft (3.0 m)		12.5 ft (3.8 m)		15 ft (4.6 m)		17.5 ft (5.3 m)	
	END	SIDE	END	SIDE	END	SIDE	END	SIDE	END	SIDE	END	SIDE
+15 ft (4.6 m)							1,800 lb* 810 kg*	1,800 lb* 810 kg*				
+12.5 ft (3.8 m)							1,640 lb* 740 kg*	1,640 lb* 740 kg*	1,860 lb* 840 kg*	1,740 lb* 780 kg		
+10 ft (3.0 m)							1,830 lb* 830 kg*	1,830 lb* 830 kg*	1,850 lb* 830 kg*	1,750 lb* 790 kg		
+7.5 ft (2.3 m)			3,840 lb* 1740 kg*	3,840 lb* 1740 kg*	2,670 lb* 1210 kg*	2,670 lb* 1210 kg*	2,230 lb* 1010 kg*	2,230 lb* 1010 kg*	2,030 lb* 920 kg*	1,710 lb* 770 kg		
+5 ft (1.52 m)					3,730 lb* 1690 kg*	3,140 lb* 1420 kg	2,740 lb* 1240 kg*	2,230 lb* 1010 kg	2,280 lb* 1030 kg*	1,660 lb* 750 kg	2,060 lb* 930 kg*	1,280 lb* 580 kg
+2.5 ft (0.8 m)					4,550 lb* 2060 kg*	2,980 lb* 1350 kg	3,190 lb* 1440 kg*	2,140 lb* 970 kg	2,530 lb* 1140 kg*	1,620 lb* 730 kg	2,160 lb* 970 kg*	1,260 lb* 570 kg
Ground Level			3,710 lb* 1680 kg*	3,710 lb* 1680 kg*	4,910 lb* 2220 kg*	2,900 lb* 1310 kg	3,480 lb* 1570 kg*	2,060 lb* 940 kg	2,700 lb* 1220 kg*	1,580 lb* 710 kg		
-2.5 ft (-0.8 m)	4,130 lb* 1870 kg*	4,130 lb* 1870 kg*	5,940 lb* 2690 kg*	4,630 lb* 2100 kg	4,910 lb* 2220 kg*	2,890 lb* 1310 kg	3,550 lb* 1610 kg*	2,060 lb* 930 kg	2,710 lb* 1220 kg*	1,570 lb* 710 kg		
-5 ft (-1.5 m)	6,320 lb* 2860 kg*	6,320 lb* 2860 kg*	6,730 lb* 3050 kg*	4,700 lb* 2130 kg	4,570 lb* 2070 kg*	2,920 lb* 1320 kg	3,330 lb* 1510 kg*	2,070 lb* 930 kg				
-7.5 ft (-2.3 m)	9,150 lb* 4150 kg*	9,150 lb* 4150 kg*	5,450 lb* 2470 kg*	4,810 lb* 2180 kg	3,750 lb* 1700 kg*	2,990 lb* 1350 kg						
-10 ft (-3.0 m)			2,670 lb* 1210 kg*	2,670 lb* 1210 kg*								

*Rated loads are hydraulic limits rather than tipping load limits.

Cab model — 5 ft 6.5 in (1.66 m) Arm Lift capacities calculated using 15.7 in (400 mm) shoes, 247 lb (112 kg) bucket, blade down.

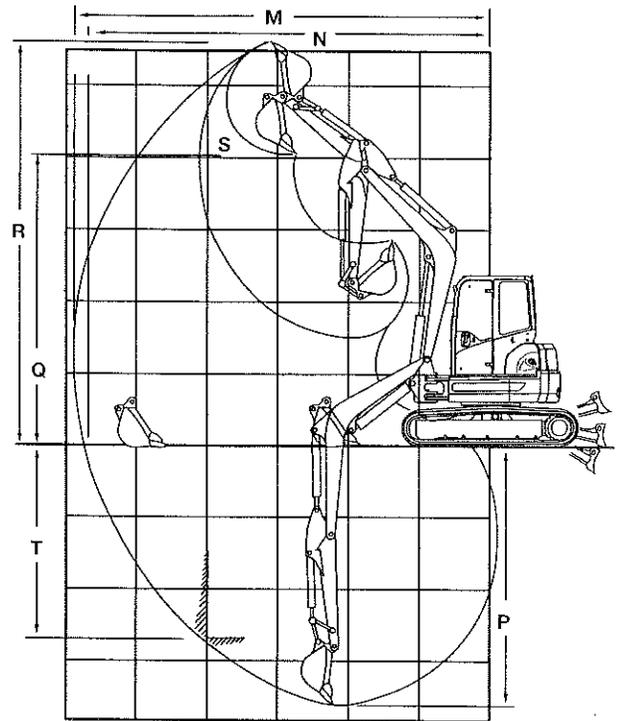
Load (Lift Point) Height	5 ft (1.5 m)		7.5 ft (2.3 m)		10 ft (3.0 m)		12.5 ft (3.8 m)		15 ft (4.6 m)		17.5 ft (5.3 m)	
	END	SIDE	END	SIDE	END	SIDE	END	SIDE	END	SIDE	END	SIDE
+15 ft (4.6 m)							1,800 lb* 810 kg*	1,800 lb* 810 kg*				
+12.5 ft (3.8 m)							1,640 lb* 740 kg*	1,640 lb* 740 kg*	1,860 lb* 840 kg*	1,810 lb* 820 kg		
+10 ft (3.0 m)							1,830 lb* 830 kg*	1,830 lb* 830 kg*	1,850 lb* 830 kg*	1,810 lb* 820 kg		
+7.5 ft (2.3 m)			3,840 lb* 1740 kg*	3,840 lb* 1740 kg*	2,670 lb* 1210 kg*	2,670 lb* 1210 kg*	2,230 lb* 1010 kg*	2,230 lb* 1010 kg*	2,030 lb* 920 kg*	1,780 lb* 800 kg		
+5 ft (1.52 m)					3,730 lb* 1690 kg*	3,250 lb* 1470 kg	2,740 lb* 1240 kg*	2,310 lb* 1040 kg	2,280 lb* 1030 kg*	1,730 lb* 780 kg	2,060 lb* 930 kg*	1,340 lb* 600 kg
+2.5 ft (0.8 m)					4,550 lb* 2060 kg*	3,100 lb* 1400 kg	3,190 lb* 1440 kg*	2,230 lb* 1010 kg	2,530 lb* 1140 kg*	1,690 lb* 760 kg	2,160 lb* 970 kg*	1,320 lb* 590 kg
Ground Level			3,710 lb* 1680 kg*	3,710 lb* 1680 kg*	4,910 lb* 2220 kg*	3,020 lb* 1360 kg	3,480 lb* 1570 kg*	2,170 lb* 980 kg	2,700 lb* 1220 kg*	1,650 lb* 740 kg		
-2.5 ft (-0.8 m)	4,130 lb* 1870 kg*	4,130 lb* 1870 kg*	5,940 lb* 2690 kg*	4,810 lb* 2180 kg	4,910 lb* 2220 kg*	3,010 lb* 1360 kg	3,550 lb* 1610 kg*	2,150 lb* 970 kg	2,710 lb* 1220 kg*	1,640 lb* 740 kg		
-5 ft (-1.5 m)	6,320 lb* 2860 kg*	6,320 lb* 2860 kg*	6,730 lb* 3050 kg*	4,680 lb* 2210 kg	4,570 lb* 2070 kg*	3,030 lb* 1370 kg	3,330 lb* 1510 kg*	2,160 lb* 970 kg				
-7.5 ft (-2.3 m)	9,150 lb* 4150 kg*	9,150 lb* 4150 kg*	5,450 lb* 2470 kg*	4,890 lb* 2260 kg	3,750 lb* 1700 kg*	3,110 lb* 1410 kg						
-10 ft (-3.0 m)			2,670 lb* 1210 kg*	2,670 lb* 1210 kg*								

*Rated loads are hydraulic limits rather than tipping load limits.



DIMENSIONS

A. Overall height	8 ft 4 in (2.55 m)
B. Overall length	17 ft 10 in (5.42 m)
C. Width of upperstructure	6 ft 4 in (1.94 m)
D. Track overall length	8 ft 1 in (2.48 m)
E. Track overall width w/15.7 in (400 mm) shoes	6 ft 5 in (1.96 m)
F. Track shoe width	15.7 in (400 mm)
G. Center to center (idler to sprocket)	6 ft 6 in (1.90 m)
H. Upperstructure ground clearance	24.5 in (625 mm)
J. Minimum ground clearance	1 ft 2 in (350 mm)
K. Tail swing radius	4 ft 2 in (1.28 m)
L. Backfill blade height	1 ft 2 in (345 mm)
Working weight	12,295 lb (5577 kg)
Ground pressure	4.5 psi (31.3 kPa)
Boom swing	Left 70°/ Right 60°
Tail swing overhang	11.7 in (299 mm)



PERFORMANCE SPECS

	5 ft 6.5 in (1.66 m) Arm
M. Maximum dig radius	20 ft 5 in (6.22 m)
N. Dig radius at groundline	19 ft 11 in (6.07 m)
P. Maximum dig depth	12 ft 10 in (3.91 m)
Q. Dump height	13 ft 10 in (4.20 m)
R. Overall reach height	18 ft 11 in (5.76 m)
S. Bucket rotation	178°
T. Vertical straight wall dig depth	10 ft 0.5 in (3.06 m)
Arm digging force	5,598 lbf (24.9 kN)
Bucket digging force, 2 position bucket	11,240 lbf (50.0 kN)

STANDARD EQUIPMENT

OPERATOR'S COMPARTMENT

ROPS/FOPS four post canopy

Operator's controls:

Pilot operated hand controls and foot pedals

Display includes:

Engine oil pressure, water temperature lamp, air filter lamp, water separator detection lamp, low fuel warning lamp, battery charge lamp, glow plug indicator lamp, water temperature gauge, fuel gauge and hourmeter

Adjustable seat with seat belt

Two-piece floor mat

Fold-open/-up front window (cab)

Arm rests

ENGINE

Yanmar 4TNV88-BXPYBD diesel

4-cycle

Water cooled

Direct injection

One-touch decelerator

Engine access under rear hood

Dry-type air cleaner

Glow plug starting aid

ELECTRICAL

12-volt electrical starting system

Heavy-duty battery

Horn

HYDRAULICS

Auxiliary hydraulics (single/bi-directional) and plumbing to arm

Large hydraulic oil cooler

Control pattern selector valve

TRACK DRIVE

Rubber tracks

Automatic 2-speed travel

Fully hydrostatic drive system

Sealed and lubricated track rollers

Track tension adjustment (grease-type)

Disc-type parking brake (auto-release and -apply)

UPPER STRUCTURE

Minimal tail swing

Swing lock

Swing brake

Swing shock valve

OTHER

Swing boom (70° left/60° right)

Hydraulic backfill blade

Eco-friendly diesel fuel drain

Reinforced boom work light

Boom cylinder guard

Thumb bracket

OPTIONAL EQUIPMENT

OPERATOR'S COMPARTMENT

Cab with heat and AC

OTHER

Steel tracks

Mechanical coupler

Rigid thumb

Hydraulic thumb

2nd auxiliary hydraulics

4-way hydraulic dozer blade

BUCKETS

Width	SAE Heaped Capacity	Weight
12 in (305 mm)	3.0 ft ³ (0.085 m ³)	314 lb (142 kg)
18 in (457 mm)	4.5 ft ³ (0.127 m ³)	362 lb (164 kg)
24 in (610 mm)	6.3 ft ³ (0.178 m ³)	435 lb (197 kg)
36 in (914 mm)	9.8 ft ³ (0.277 m ³)	525 lb (238 kg)

CASE Customer Assistance
866-54-CASE6

NOTE: All specifications are stated in accordance with SAE Standards or Recommended Practices, where applicable.

NOTE: All engines meet current EPA emissions requirements.

IMPORTANT: Case Construction Equipment Inc. reserves the right to change these specifications without notice and without incurring any obligation relating to such change. Case Construction Equipment Inc. does not warrant the safety or reliability of attachments from other manufacturers.

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CASE
CONSTRUCTION

www.casece.com

Form No. CCE201103CX55B
Replaces form no. None

Printed in U.S.A.
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All Case construction equipment is biodiesel ready.

ENGINE

Model	Isuzu AM-4JJ1X, Tier 4 Interim Certified (Cooled EGR)	
Fuel	Requires ultra low-sulfur fuel B5 biodiesel tolerant	
Type	Water-cooled, 4-cycle, high pressure common rail system. Turbo-charged with air cooled intercooler, DPD system	
Cylinders	4-cylinder in-line	
Displacement	183 in ³ (3.0 L)	
Bore / Stroke	3.76 in x 4.13 in (95.4 mm x 104.9 mm)	
Fuel injection	Direct injection (electronic)	
Fuel filter	Replaceable, full flow spin-on cartridge	
Air filter	Dry type element w/ warning restriction indicator	
Oil filter	Replaceable, full flow spin-on cartridge	
Engine oil operating angle ratings:		
Side-to-side	Rated 35°	
Fore and aft	Rated 35°	
Net horsepower – SAE J1349	100 hp (74.9 kW) @ 2000 RPM	
Net maximum torque – SAE J1349	265 lbf-ft (359 N·m) @ 1600 RPM	
Cooling	110° to -13°F (43° to -25°C) at 55% concentration	
Oil	Requires low-ash oil (CJ-4)	

SERVICE CAPACITIES

Fuel tank	69 gal (260 L)
Hydraulic system	41 gal (157 L)
Hydraulic tank	22 gal (82 L)
Engine oil w/ filter	4.5 gal (17 L)
Swing drive	2.3 qt (2.2 L)
Final drive (each side)	2.2 qt (2.1 L)
Cooling system	4.3 gal (16.2 L)

ELECTRICAL

Voltage	24 Volts
Alternator rating	50 amp
Batteries	2 x 12 Volt
Battery Reserve Capacity	92 Ah / 5 hour
Work lights (4)	24 Volt / 70 watt (1 x boom; 1 x upper; 2 x cab)

SWING MECHANISM

Swing speed	0 – 14.3 RPM
Swing torque	24,400 lb-ft (33,000 N·m)
Swing brake	Mechanical disc

UNDERCARRIAGE

Length	12 ft 4 in (3.76 m)
Track gauge	6 ft 6 in (1.99 m)
Carrier rollers	2 per side
Track rollers	7 per side
Shoes – triple grouser	47 per side
Shoe width (std.)	23.6 in (600 mm)
Link pitch	6.77 in (172 mm)
Track:	
Chain	Grease lubricated / strutted
Guides	Single
Adjustment	Hydraulic

GROUND PRESSURE

@ Standard operating weight	4.79 psi (.33 bar)
w/ 23.6 in (600 mm) triple semi-grouser shoes	

HYDRAULICS

System design	Open center
Main pumps	Two variable displacement/ axial piston
Max. rated flow:	2 x 34.1 GPM (2 x 129 L/min)
System pressures:	
Boom, arm & bucket	4,970 psi (343 bar)
Boom, arm & bucket w/ power boost	5,330 psi (368 bar)
Travel circuits	4,970 psi (294 bar)
Swing circuits	4,260 psi (343 bar)
Pilot pump	1 x gear design
Max. capacity	5.8 gpm (22 L/min)
Controls	With boom / arm holding valve
Right track travel, bucket, boom and arm acceleration.	Four-spool section
Left track travel, auxiliary, swing, boom acceleration.	Five-spool section
Work mode selections	SP: Speed priority H: Heavy duty A: Automatic
Swing motor	Fixed displacement axial piston
Swing final drive	Planetary gear reduction
Travel motor	Two-speed independent travel / axial piston

HYDRAULIC CYLINDERS

Boom cylinders	Two (2)
Cylinder bore	4.1 in (105 mm)
Cylinder rod diameter	2.8 in (70 mm)
Cylinder stroke	37.8 in (961 mm)
Arm cylinder	One (1)
Cylinder bore	4.5 in (115 mm)
Cylinder rod diameter	3.3 in (80 mm)
Cylinder stroke	43.6 in (1108 mm)
Bucket cylinder	One (1)
Cylinder bore	3.7 in (95 mm)
Cylinder rod diameter	2.6 in (65 mm)
Cylinder stroke	34.7 in (881 mm)

DRIVETRAIN

Travel control	Dual stage relief/ counter balance design
Brakes	Mechanical disc
Service brakes	SAHR disc (each motor)
Two speed travel:	
Max. high speed	3.5 mph (5.6 kph)
Max. low speed	2.1 mph (3.4 kph)
Automatic downshift	
Drawbar pull	25,900 lbf (115 kN)
Gradeability	70% (35°)

CAB AND CONTROLS

Air-conditioner output	18,100 BTU/hr
Heater output	20,150 BTU/hr
Sound level – ISO6395 (inside cab)	70.0 dBa
Electrical outlet	12 Volt
Cab interior light (1)	10 watt
Rear-view camera (1)	Standard
Seat	Air-suspension

ATTACHMENT

Boom	15 ft 2 in (4.63 m)
Arm	8 ft 2 in (2.5 m)
Bucket digging force*	20,200 lbf (90 kN)
w/ Auto Power-Boost	21,400 lbf (95 kN)

*Digging force ratings based on ISO6015

OPERATING WEIGHT

Operating weight	28,600 lb (13,000 kg)
w/ shoes	23.6 in (600 mm)
w/ boom	15 ft 2 in (4.63 m)
w/ arm	8 ft 2 in (2.5 m)
w/ bucket	880 lb (400 kg)
w/ counterweight	4,850 lb (2,200 kg)
w/ operator / full fuel / standard equipment	

CX130C LC LIFT CAPACITIES

8 ft 2 in (2.50 m) Arm Lift capacities calculated using a 900 lb (408 kg) bucket, 4,850 lb (2200 kg) counterweight.

Load (Lift Point) Height	5 ft (1.52 m)		10 ft (3.05 m)		15 ft (4.57 m)		20 ft (6.1 m)		25 ft (7.62 m)		MAXIMUM REACH		
	END	SIDE	END	SIDE	END	SIDE	END	SIDE	END	SIDE	@	END	SIDE
+25 ft (7.62 m)					4,050 lb* (1837 kg)*	4,050 lb* (1837 kg)*					16 ft 7 in (5.05 m)	3,250 lb* (1474 kg)*	3,250 lb* (1474 kg)*
+20 ft (6.1 m)					5,900 lb* (2676 kg)*	5,900 lb* (2676 kg)*	4,950 lb* (2245 kg)*	4,750 lb (2155 kg)			21 ft 9 in (6.63 m)	2,700 lb* (1225 kg)*	2,700 lb* (1225 kg)*
+15 ft (4.57 m)					6,400 lb* (2903 kg)*	6,400 lb* (2903 kg)*	6,100 lb* (2767 kg)*	4,700 lb (2132 kg)			24 ft 7 in (7.49 m)	2,550 lb* (1157 kg)*	2,550 lb* (1157 kg)*
+10 ft (3.05)			11,550 lb* (5239 kg)*	11,550 lb* (5239 kg)*	8,600 lb* (3901 kg)*	7,250 lb (3289 kg)	6,950 lb* (3152 kg)*	4,500 lb (2041 kg)	4,750 lb (2155 kg)	3,000 lb (1361 kg)	26 ft 0 in (7.92 m)	2,550 lb* (1157 kg)*	2,550 lb* (1157 kg)*
+5 ft (1.52 m)			16,800 lb* (7620 kg)*	12,700 lb (5761 kg)	10,700 lb (4853 kg)	6,700 lb (3039 kg)	6,700 lb (3039 kg)	4,250 lb (1928 kg)	4,650 lb (2109 kg)	2,850 lb (1293 kg)	26 ft 4 in (8.03 m)	2,700 lb* (1225 kg)*	2,600 lb (1179 kg)
Ground- line	5,650 lb* (2563 kg)*	5,650 lb* (2563 kg)*	18,450 lb* (8369 kg)*	11,700 lb (5307 kg)	10,300 lb (4672 kg)	6,300 lb (2858 kg)	6,500 lb (2948 kg)	4,000 lb (1814 kg)	4,550 lb (2064 kg)	2,800 lb (1270 kg)	25 ft 7 in (7.80 m)	3,000 lb* (1361 kg)*	2,700 lb (1225 kg)
-5 ft (-1.52 m)	11,200 lb* (5080 kg)*	11,200 lb* (5080 kg)*	20,200 lb* (9163 kg)*	11,600 lb (5262 kg)	10,100 lb (4581 kg)	6,100 lb (2767 kg)	6,350 lb (2880 kg)	3,900 lb (1769 kg)			23 ft 9 in (7.24 m)	3,600 lb* (1633 kg)*	3,000 lb (1361 kg)
-10 ft (-3.05 m)	17,700 lb* (8029 kg)*	17,700 lb* (8029 kg)*	18,550 lb* (8414 kg)*	11,850 lb (5375 kg)	10,200 lb (4627 kg)	6,200 lb (2812 kg)	6,500 lb (2948 kg)	4,050 lb (1837 kg)			20 ft 7 in (6.27 m)	4,900 lb* (2223 kg)*	3,850 lb (1746 kg)
-15 ft (-4.57 m)			13,800 lb* (6260 kg)*	12,150 lb (5511 kg)	8,250 lb* (3742 kg)*	6,450 lb (2926 kg)					15 ft 4 in (4.67 m)	7,800 lb* (3538 kg)*	6,200 lb (2812 kg)

9 ft 10 in (3.01 m) Arm Lift capacities calculated using a 750 lb (340 kg) bucket, 4,850 lb (2200 kg) counterweight.

Load (Lift Point) Height	0 ft (0 m)		5 ft (1.52 m)		10 ft (3.05 m)		15 ft (4.57 m)		20 ft (6.1 m)		25 ft (7.62 m)		MAXIMUM REACH		
	END	SIDE	END	SIDE	END	SIDE	END	SIDE	END	SIDE	END	SIDE	@	END	SIDE
+25 ft (7.62 m)													19 ft 1 in (5.82 m)	3,100 lb* (1406 kg)*	3,100 lb* (1406 kg)*
+20 ft (6.1 m)									4,900 lb* (2223 kg)*	4,900 lb* (2223 kg)*			23 ft 7 in (7.19 m)	2,700 lb* (1225 kg)*	2,700 lb* (1225 kg)*
+15 ft (4.57 m)									5,800 lb* (2631 kg)*	4,850 lb (2200 kg)	4,200 lb* (1905 kg)*	3,150 lb (1429 kg)	26 ft 3 in (8.00 m)	2,550 lb* (1157 kg)*	2,550 lb* (1157 kg)*
+10 ft (3.05)							7,500 lb* (3402 kg)*	7,300 lb (3311 kg)	6,550 lb* (2971 kg)*	4,600 lb (2087 kg)	4,850 lb (2200 kg)	3,050 lb (1383 kg)	27 ft 7 in (8.41 m)	2,550 lb* (1157 kg)*	2,500 lb (1134 kg)
+5 ft (1.52 m)					14,450 lb* (6554 kg)*	13,100 lb (5942 kg)	10,200 lb* (4627 kg)*	6,850 lb (3107 kg)	6,800 lb (3084 kg)	4,300 lb (1950 kg)	4,700 lb (2132 kg)	2,900 lb (1315 kg)	27 ft 10 in (8.48 m)	2,700 lb* (1225 kg)*	2,350 lb (1066 kg)
Ground- line			5,850 lb* (2654 kg)*	5,850 lb* (2654 kg)*	18,650 lb* (8459 kg)*	11,800 lb (5352 kg)	10,350 lb (4695 kg)	6,300 lb (2858 kg)	6,500 lb (2948 kg)	4,050 lb (1837 kg)	4,550 lb (2064 kg)	2,800 lb (1270 kg)	27 ft 2 in (8.28 m)	3,000 lb* (1361 kg)*	2,400 lb (1089 kg)
-5 ft (-1.52 m)	8,400 lb* (3810 kg)*	8,400 lb* (3810 kg)*	10,200 lb* (4627 kg)*	10,200 lb* (4627 kg)*	20,100 lb* (9117 kg)*	11,450 lb (5194 kg)	10,050 lb (4559 kg)	6,050 lb (2744 kg)	6,350 lb (2880 kg)	3,900 lb (1769 kg)	4,500 lb (2041 kg)	2,750 lb (1247 kg)	25 ft 5 in (7.75 m)	3,500 lb* (1588 kg)*	2,700 lb (1225 kg)
-10 ft (-3.05 m)	11,200 lb* (5080 kg)*	11,200 lb* (5080 kg)*	15,100 lb* (6849 kg)*	15,100 lb* (6849 kg)*	19,300 lb* (8754 kg)*	11,600 lb (5262 kg)	10,050 lb (4559 kg)	6,100 lb (2767 kg)	6,400 lb (2903 kg)	3,950 lb (1792 kg)			22 ft 6 in (6.86 m)	4,600 lb* (2087 kg)*	3,300 lb (1497 kg)
-15 ft (-4.57 m)			24,050 lb* (10909 kg)*	24,050 lb* (10909 kg)*	15,800 lb* (7167 kg)*	12,050 lb (5466 kg)	10,150 lb (4604 kg)	6,450 lb (2926 kg)					17 ft 9 in (5.41 m)	7,400 lb* (3357 kg)*	4,850 lb (2200 kg)

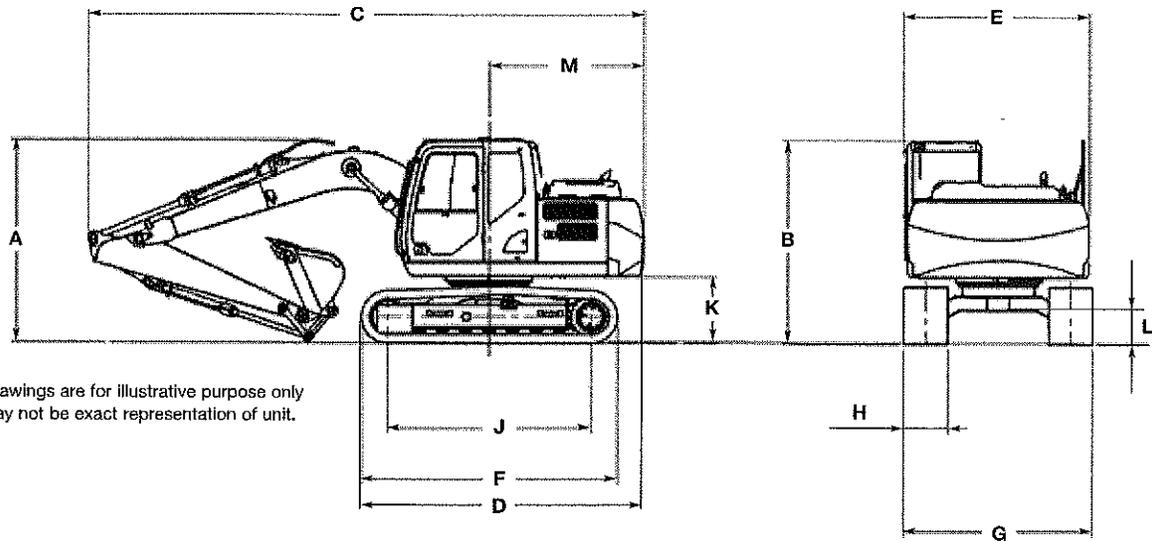
NOTE: *Lift capacities do not exceed 75% of the minimum tipping load or 87% of the hydraulic lift capacity. Capacities that are marked with an asterisk are hydraulic limited.

CX130C LC LIFT CAPACITIES

6 ft 10 in (2.11 m) HD Arm Lift capacities calculated using a 900 lb (408 kg) bucket, 4,850 lb (2200 kg) counterweight.

Load (Lift Point) Height	5 ft (1.52 m)		10 ft (3.05 m)		15 ft (4.57 m)		20 ft (6.1 m)		25 ft (7.62 m)		MAXIMUM REACH			
	END	SIDE	END	SIDE	END	SIDE	END	SIDE	END	SIDE	@	END	SIDE	
+25 ft (7.62 m)												14 ft 6 in (4.42 m)	4,000 lb* (1814 kg)*	4,000 lb* (1814 kg)*
+20 ft (6.1 m)					6,300 lb* (2858 kg)*	6,300 lb* (2858 kg)*	4,050 lb* (1837 kg)*	4,050 lb* (1837 kg)*				20 ft 3 in (6.17 m)	3,300 lb* (1497 kg)*	3,300 lb* (1497 kg)*
+15 ft (4.57 m)					7,150 lb* (3243 kg)*	7,150 lb* (3243 kg)*	6,550 lb* (2971 kg)*	4,550 lb (2064 kg)				23 ft 4 in (7.11 m)	3,050 lb* (1383 kg)*	3,050 lb* (1383 kg)*
+10 ft (3.05)			12,350 lb* (5602 kg)*	12,350 lb* (5602 kg)*	9,250 lb* (4196 kg)*	7,050 lb (3198 kg)	6,850 lb (3107 kg)	4,350 lb (1973 kg)				24 ft 10 in (7.57 m)	3,050 lb* (1383 kg)*	2,900 lb (1315 kg)
+5 ft (1.52 m)			17,400 lb* (7893 kg)*	12,250 lb (5557 kg)	10,600 lb (4808 kg)	6,550 lb (2971 kg)	6,600 lb (2994 kg)	4,150 lb (1882 kg)	3,950 lb* (1792 kg)*	2,800 lb (1270 kg)		25 ft 2 in (7.67 m)	3,200 lb* (1451 kg)*	2,750 lb (1247 kg)
Ground- line			16,800 lb* (7620 kg)*	11,450 lb (5194 kg)	10,150 lb (4604 kg)	6,150 lb (2790 kg)	6,400 lb (2903 kg)	3,950 lb (1792 kg)				24 ft 5 in (7.44 m)	3,550 lb* (1610 kg)*	2,850 lb (1293 kg)
-5 ft (-1.52 m)	12,100 lb* (5488 kg)*	12,100 lb* (5488 kg)*	19,850 lb* (9004 kg)*	11,550 lb (5239 kg)	10,050 lb (4559 kg)	6,050 lb (2744 kg)	6,350 lb (2880 kg)	3,900 lb (1769 kg)				22 ft 6 in (6.86 m)	4,300 lb* (1950 kg)*	3,250 lb (1474 kg)
-10 ft (-3.05 m)	18,600 lb* (8437 kg)*	18,600 lb* (8437 kg)*	17,500 lb* (7938 kg)*	11,850 lb (5375 kg)	10,200 lb (4627 kg)	6,250 lb (2835 kg)						19 ft 1 in (5.82 m)	6,000 lb* (2722 kg)*	4,300 lb (1950 kg)
-15 ft (-4.57 m)												11 ft 7 in (3.53 m)	9,800 lb* (4445 kg)*	9,500 lb (4309 kg)

NOTE: *Lift capacities do not exceed 75% of the minimum tipping load or 87% of the hydraulic lift capacity.
Capacities that are marked with an asterisk are hydraulic limited.



Line drawings are for illustrative purpose only and may not be exact representation of unit.

DIMENSIONS

	8 ft 2 in (2.50 m) Arm	9 ft 10 in (3.01 m) Arm	6 ft 10 in (2.11 m) HD Arm
A. Overall height (w/ attachment)	9 ft 3 in (2.83 m)	9 ft 3 in (2.83 m)	9 ft 3 in (2.83 m)
B. Cab height	9 ft 3 in (2.83 m)	9 ft 3 in (2.83 m)	9 ft 3 in (2.83 m)
C. Overall length (w/ attachment)	25 ft 0 in (7.62 m)	24 ft 10 in (7.61 m)	24 ft 10 in (7.61 m)
D. Overall length (w/o attachment)	12 ft 9 in (3.88 m)	12 ft 9 in (3.88 m)	12 ft 9 in (3.88 m)
E. Width of upperstructure	8 ft 3 in (2.54 m)	8 ft 3 in (2.54 m)	8 ft 3 in (2.54 m)
F. Track overall length	12 ft 4 in (3.76 m)	12 ft 4 in (3.76 m)	12 ft 4 in (3.76 m)
G. Track overall width w/ 23.6 in (600 mm) shoes	8 ft 5 in (2.59 m)	8 ft 5 in (2.59 m)	8 ft 5 in (2.59 m)
H. Track shoe width	23.6 in (600 mm)	23.6 in (600 mm)	23.6 in (600 mm)
J. Center to center (idler to sprocket)	9 ft 10 in (3.04 m)	9 ft 10 in (3.04 m)	9 ft 10 in (3.04 m)
K. Upperstructure ground clearance	2 ft 10 in (0.90 m)	2 ft 10 in (0.90 m)	2 ft 10 in (0.90 m)
L. Minimum ground clearance	17 in (0.44 m)	17 in (0.44 m)	17 in (0.44 m)
M. Rear tail swing radius	6 ft 10 in (2.13 m)	6 ft 10 in (2.13 m)	6 ft 10 in (2.13 m)
Operating weight*	28,600 lb (13 000 kg)	28,741 lb (13 037 kg)	28,459 lb (12 909 kg)
Ground pressure	4.79 psi (.33 bar)	4.79 psi (.33 bar)	4.79 psi (.33 bar)

*With 23.6 in (600 mm) track shoe, 880 lb (400 kg) bucket, 165 lb (75 kg) operator, full fuel and standard equipment.

STANDARD EQUIPMENT

ENGINE

Isuzu four-cylinder turbo-charged diesel
 Certified Tier 4 Interim (CEGR)
 Electronic fuel injection
 High pressure common rail system
 Diesel Particulate Defuser system (DPD)
 Neutral safety start
 Auto-engine warm up
 Glow-plug pre-heat
 EPF (Engine Protection Feature)
 Dual-stage fuel filtration
 Dual element air filter
 Remote oil filter
 Green plug oil drain
 500-hour engine oil change interval
 24-volt system
 Requires C-J-4 engine oil
 Requires ultra low-sulfur fuel

FUEL ECONOMY SYSTEMS

Engine idle / Fuel economy system:
 Auto-idle
 One-touch idle
 Idle shut-down
 BEC – boom economy control
 AEC – auto economy control
 SWC – swing relief control
 SSC – spool stroke control

HYDRAULICS

Auto power boost
 Auto swing priority
 Auto travel speed change

HYDRAULICS (continued)

Selectable work modes
 ISO pattern controls
 Pre-set auxiliary pump settings
 Auxiliary valve
 5,000-hour hydraulic oil change interval
 1,000-hour hydraulic filter change interval
 SAHR brake

UPPERSTRUCTURE

Right and left side mirrors
 Isolation mounted cab (fluid and spring)
 Common key vandal locks
 Upper mounted work light (70 watt)
 Swivel guard belly pan

UNDERCARRIAGE

23.6 in (600 mm) steel shoes,
 triple semi-grouser
 Full overlap turntable bearing tub
 Hydraulic track adjustment
 X-pattern carbody

ATTACHMENT

Boom – 15 ft 2 in (4.63 m)
 Arm – 8 ft 2 in (2.50 m)
 Heavy-duty bucket linkage
 Boom mounted work light (70 watt)
 Auxiliary pipe brackets
 Centralized grease fittings
 Attachment cushion valve
 Arm and boom regeneration

OPERATOR STATION

ROPS protection
 FOPS cab top guard (Level 1)
 Pressurized cab
 One-touch lock front window
 AC/heat/defrost w/ auto climate control
 Color monitor (7 in / 180 mm)
 Interior dome light
 Air-suspension seat (cloth)
 Seatbelt (3 in)
 Adjustable armrests
 Tilting consoles – 4-position
 Low-effort joystick controls
 Sliding cockpit (7 in / 180 mm)
 Straight travel
 AM/FM radio w/ antenna and 2 speakers
 Aux-in port for personal electronics
 Rear-view camera
 Anti-theft system (start code system)
 Rubber floor mat
 12-volt electric socket
 24-volt cigarette lighter
 External rearview mirrors
 Windshield wiper / washer
 Clear (polycarbonate) roof window w/ sunshade
 Cup holder
 Storage compartments
 On-board diagnostic system
 Travel alarm with cancel switch
 One key start & lock-up

OPTIONAL EQUIPMENT

HYDRAULICS

Auxiliary hydraulics:
 Single acting / joystick activated
 Double acting / joystick activated
 Multi-function / joystick activated
 Secondary low-flow / joystick activated

ATTACHMENT

Standard arm – 9 ft 10 in (3.01 m)
 Heavy-duty arm – 6 ft 10 in (2.11 m)
 Coupler / Case multi-pin grabber
 Buckets:
 Heavy duty
 Extreme duty
 Load holding control
 Free swing (order kit through Service Parts)
 Hose Burst Check Valve (HBCV)

OPERATOR STATION

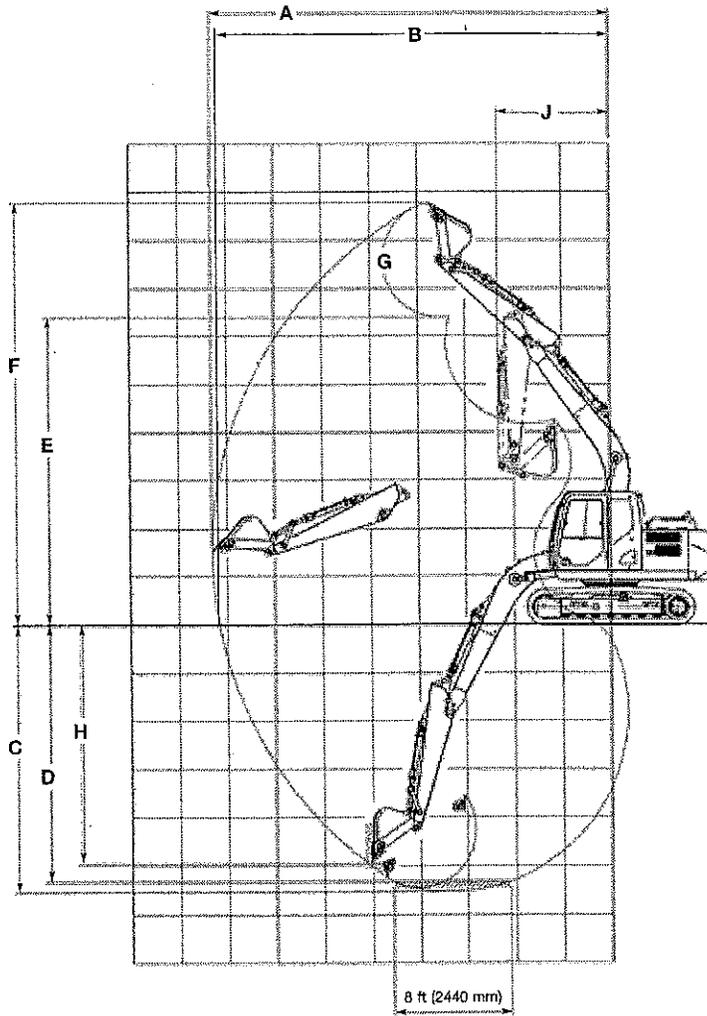
Control pattern selector
 FOPS cab top guard (Level 2)
 Front grill guard – 2 x 2 screen mesh
 Front rock guard – vertical bars
 (two piece) / OPG 1
 Front rock guard – vertical bars
 (fixed / one piece) / OPG 2
 Vandal guard
 Rain deflector
 Sun visor
 Side-view camera
 Refueling pump

UNDERCARRIAGE

23.6 in (600 mm) steel shoes,
 triple semi-grouser
 27.6 in (700 mm) steel shoes,
 triple semi-grouser
 20.0 in (500 mm) rubber shoes
 Double track chain guides

BUCKETS

Application	Width	SAE Heaped Capacity
Heavy-duty	18 in to 48 in (0.46 m to 1.22 m)	0.32 yd ³ to 0.96 yd ³ (0.25 m ³ to 0.74 m ³)
High capacity heavy-duty	18 in to 48 in (0.46 m to 1.22 m)	0.36 yd ³ to 1.12 yd ³ (0.28 m ³ to 0.86 m ³)
Coupler	18 in to 48 in (0.46 m to 1.22 m)	0.32 yd ³ to 0.96 yd ³ (0.25 m ³ to 0.74 m ³)
Ditching	48 in or 60 in (1.22 m or 1.52 m)	0.79 yd ³ or 1.02 yd ³ (0.60 m ³ or 0.78 m ³)



PERFORMANCE SPECS

	8 ft 2 in (2.50 m) Arm	9 ft 10 in (3.01 m) Arm	6 ft 10 in (2.11 m) HD Arm
A. Maximum dig radius	27 ft 3 in (8.31 m)	28 ft 8 in (8.77 m)	26 ft 1 in (7.96 m)
B. Dig radius at groundline	26 ft 8 in (8.17 m)	28 ft 4 in (8.64 m)	25 ft 6 in (7.81 m)
C. Maximum dig depth	18 ft 2 in (5.54 m)	19 ft 9 in (6.05 m)	16 ft 9 in (5.15 m)
D. Dig depth – 8 ft 0 in (2.44 m) level bottom	17 ft 5 in (5.33 m)	19 ft 3 in (5.87 m)	16 ft 11 in (4.91 m)
E. Dump height	20 ft 10 in (6.39 m)	21 ft 9 in (6.68 m)	20 ft 2 in (6.17 m)
F. Maximum reach height	28 ft 8 in (8.77 m)	29 ft 7 in (9.05 m)	28 ft 1 in (8.55 m)
G. Bucket rotation	178°	178°	178°
H. Maximum vertical wall dig depth	17 ft 5 in (5.33 m)	19 ft 3 in (5.87 m)	15 ft 1 in (4.60 m)
J. Minimum swing radius	7 ft 7 in (2.34 m)	8 ft 7 in (2.66 m)	7 ft 7 in (2.36 m)
Arm digging force:			
Standard	13,900 lb (62.0 kN)	12,600 lb (56.0 kN)	15,700 lb (70.0 kN)
Power Boost	14,800 lb (66.0 kN)	13,500 lb (60.0 kN)	16,600 lb (74.0 kN)
Bucket digging force:			
Standard	20,200 lb (90.0 kN)	20,200 lb (90.0 kN)	20,200 lb (90.0 kN)
Power Boost	21,400 lb (95.0 kN)	21,400 lb (95.0 kN)	21,400 lb (95.0 kN)

TAKEUCHI

Those in the know, know Takeuchi

OPERATING PERFORMANCE

Operating Weight	Cab 12,509 lbs (5,674 kg)
Maximum Digging Depth	12 ft 9.4 in (3,895 mm)
Maximum Dump Height	13 ft 10.1 in (4,220 mm)
Maximum Reach	20 ft 6.9 in (6,270 mm)
Maximum Bucket Breakout Force	12,756 lbs (5,786 kg)
Maximum Arm Digging Force	5,752 lbs (2,609 kg)
Arm Length	5 ft 10.1 in (1,780 mm)
Slew Speed	9.4 rpm
Traction Force	13,997 lbs (6,349 kg)

ENGINE

Make / Model	Yanmar / 4TNV86CT
Tier Rating	EPA Tier 4
Cylinders / Displacement	4 / 127.6 cu in (2.1 L)
Horsepower Net (ISO 14396)	47.6 hp (35.5 kW)
Rated Engine Speed	2,400 rpm
Maximum Torque	149.1 ft-lb (202.2 Nm) @ 1,700 rpm
Engine Lubrication	7.8 qt (7.4 L)
Cooling System	11.6 qt (11.0 L)
Fuel Tank Capacity	20.8 gal (78.6 L)
Fuel Consumption (65% of full load)	1.6 gal / hr (6.3 L / hr)
Electrical System	12 volts / 55 amps

UNDERCARRIAGE

Traction Drive Type	Planetary Reduction w/ Automatic Shift
Parking Brake	Spring Applied, Hydraulically Released, Multiple Wet Friction Disk
Track Roller Type	Permanently Sealed, Triple Flanged Rollers
Track Rollers	5 per side
Track Width	15.7 in (400 mm)

Track Ground Contact Length	6 ft 8.7 in (2,050 mm)
Ground Pressure	4.51 psi (31.1 kPa)
Maximum Travel Speed	
Low Range	1.7 mph (2.8 km / hr)
High Range	3.0 mph (4.9 km / hr)

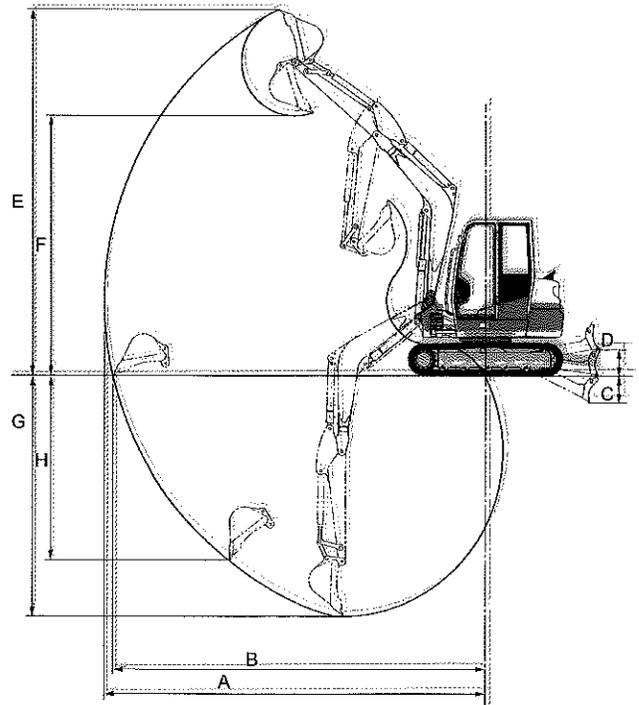
HYDRAULIC

Pump Type	Two Piston Pumps with Two Gear Pumps
Total Hydraulic Flow	45.3 gal / min (171.5 L / min)
Primary Auxiliary Hydraulic Flow	27.0 gal / min (102.2 L / min)
Secondary Auxiliary Hydraulic Flow	11.6 gal / min (43.9 L / min)
System Operating Pressure	3,480 psi (24,000 kPa)
Hydraulic Reservoir Capacity	12.9 gal (49.0 L)
Hydraulic System Capacity	23.8 gal (90.0 L)



WORKING DIMENSIONS

A. Maximum Reach	20 ft 6.9 in (6,270 mm)
B. Maximum Reach Ground Level	20 ft 1.4 in (6,160 mm)
C. Blade Maximum Lower	1 ft 4.9 in (430 mm)
D. Blade Maximum Lift	1 ft 4.9 in (430 mm)
E. Maximum Dig Height	19 ft 5.9 in (5,940 mm)
F. Maximum Dump Height	13 ft 10 in (4,220 mm)
G. Maximum Dig Depth	12 ft 9.4 in (3,895 mm)
H. Maximum Vertical Dig Depth	9 ft 9.3 in (2,980 mm)



Product Features

ENGINE

- ◆ EPA Tier 4 Compliant with DPF
- ◆ Turbocharged
- ◆ Automatic Fuel Bleed System
- ◆ Extended Life Coolant
- ◆ Dual Element Air Cleaner
- ◆ Automatic Idle
- ◆ Engine Modes Include: Power, Eco and High Altitude
- ◆ Engine Preheat Starting Aid
- ◆ High Capacity Radiator
- ◆ High Capacity Fuel Filters

ELECTRICAL

- ◆ Multi-Information Display Includes Digital Gauges for Coolant Temperature, Fuel Level, Engine Speed, PM (Particulate Matter) Accumulation, and Lift Load Percentage
- ◆ Audible and/or Visual Alerts for Battery Level, Engine Oil Pressure, Fuel / Water Sensor, High Engine Coolant Temperature, Engine Air Filter Restriction, Fuel Filter Restriction, Low Fuel Level, Automatic Idle, Regeneration Status, Engine Preheat, Travel Speed Indicator, Work Light Indicator
- ◆ 12 volt System with 55 amp Alternator
- ◆ Multi-Function Switch Bank
- ◆ Work Lights: Front and Side Halogen
- ◆ Travel Alarm
- ◆ Horn

UNDERCARRIAGE AND FRAME

- ◆ Triple Flanged Track Rollers
- ◆ 2-Speed Travel with Automatic Shift
- ◆ High Torque Planetary Final Drive
- ◆ Heavy Duty Dozer Blade with Float
- ◆ Large Wrap Around Counterweight
- ◆ 15.7 in Rubber Tracks
- 15.7 in Steel Tracks
- 15.7 in Road Liner Style Tracks
- Power Angle Blade with Float and Bolt on Cutting Edge

HYDRAULIC

- ◆ Variable Displacement, Pressure Compensating Pump
- ◆ Cushioned Boom, Arm and Swing Cylinders
- ◆ Precise and Responsive Pilot Controls with Proportional Slide Switch for Auxiliary Circuit
- ◆ Large Hydraulic Reservoir with Fluid Level Sight Gauge
- ◆ Primary and Secondary Auxiliary Hydraulic Circuit Plumbed to Arm
- ◆ Selectable One-Way and Two-Way Auxiliary Operation
- ◆ Auxiliary Detent (Primary Circuit)
- ◆ Primary Auxiliary Circuit with 3 Selectable Modes and In Cab Flow Adjustments
- ◆ Secondary Auxiliary Circuit with Adjustable Flow Control System
- ◆ Pilot Accumulator
- ◆ High Capacity Side-by-Side Hydraulic Oil Cooler and Radiator

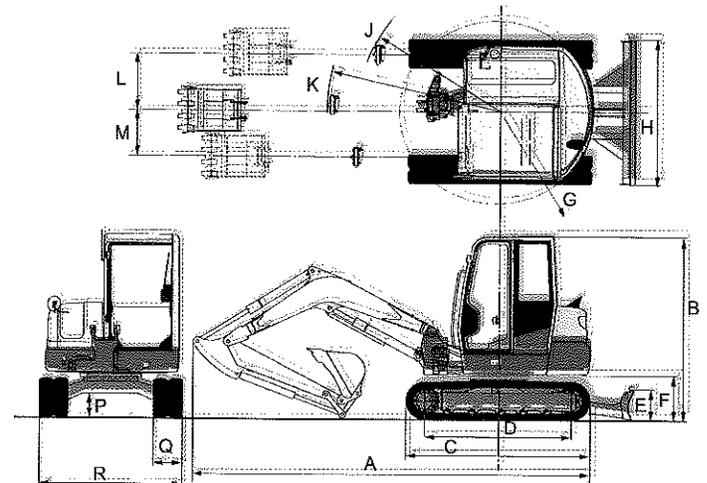
◆ - Standard ○ - Optional

OPERATOR STATION

- ◆ Cab with Certified ROPS / FOPS Protection
- ◆ 8-Way Adjustable Cloth High Back Suspension Seat
- ◆ Quick Change Control Pattern (ISO or SAE)
- ◆ Top View Glass with Retractable Sunshade
- ◆ AM / FM / MP3 Radio
- ◆ Climate Control System for Air-Conditioning, Heat and Defrost
- ◆ 2 in Retractable Seat Belt
- 3 in Retractable Seat Belt

MACHINE DIMENSIONS

A. Transport Length	18 ft 2.5 in (5,550 mm)
B. Transport Height	8 ft 6.4 in (2,600 mm)
C. Undercarriage Length	8 ft 5.5 in (2,575 mm)
D. Track Ground Contact	6 ft 8.7 in (2,050 mm)
E. Dozer Blade Height	1 ft 5 in (430 mm)
F. Counter Weight Ground Clearance	2 ft 0.0 in (635 mm)
G. Tail Swing (Slew) Radius	4 ft 3.1 in (1,300 mm)
H. Dozer Blade Width	6 ft 6.7 in (2,000 mm)
J. Min. Front Radius (Offset)	6 ft 5.8 in (1,975 mm)
K. Min. Front Radius (Straight)	7 ft 11.3 in (2,420 mm)
L. Offset Working Distance (Right)	2 ft 6.9 in (785 mm) @ 55°
M. Offset Working Distance (Left)	2 ft 1.8 in (655 mm) @ 78°
P. Ground Clearance	13.0 in (330 mm)
Q. Track Shoe Width	15.7 in (400 mm)
R. Overall Width	6 ft 6.7 in (2,200 mm)



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OPERATING PERFORMANCE

Operating Weight	Canopy 12,450 lb (5,647 kg)
Standard machine with bucket and rubber tracks	Cab 12,681 lb (5,752 kg)
Maximum Digging Depth	12 ft 10 in (3,900 mm)
Maximum Dump Height	12 ft 9 in (3,885 mm)
Maximum Reach	20 ft 4 in (6,195 mm)
Maximum Bucket Digging Force	11,093 lb (5,032 kg)
Maximum Arm Digging Force	5,670 lb (2,572 kg)
Arm Length	5 ft 9 in (1,760 mm)
Slew Speed	10 rpm
Traction Force	12,613 lb (5,721 kg)

ENGINE

Make / Model	Yanmar / 4TNV88
Tier Rating	Interim Tier 4
Cylinders / Displacement	4 / 134 cu in (2.2L)
Horsepower Gross (SAE J1995)	39.7 hp (29.6 Kw)
Horsepower Net (SAE 1349)	38.7 hp (28.9 Kw)
Rated Engine Speed	2,400 rpm
Maximum Torque	105 ft-lb @ 1,440 rpm (143.4 Nm)
Engine Lubrication	7.8 qt (7.4 L)
Cooling System	9.3 qt (8.8 L)
Fuel Tank Capacity	17.2 gal (65.0 L)
Fuel Consumption (65% of full load)	1.8 gal / hr (6.8 L / hr)
Electrical System	12 volts / 40 amps

UNDERCARRIAGE

Traction Drive Type	Planetary Reduction and Auto Shift Down
Parking Brake	Spring applied, Hydraulically Released
Track Roller Type	Permanently Sealed, Triple Flanged
Track Rollers	5 per side
Track Width	15.7 in (400 mm)
Track Ground Contact Length	6 ft 6 in (1,985 mm)
Ground Pressure	Canopy 4.6 psi Cab 4.7 psi

Maximum Travel Speed

Low Range	1.7 mph (2.7 km / hr)
High Range	3.1 mph (5.0 km / hr)

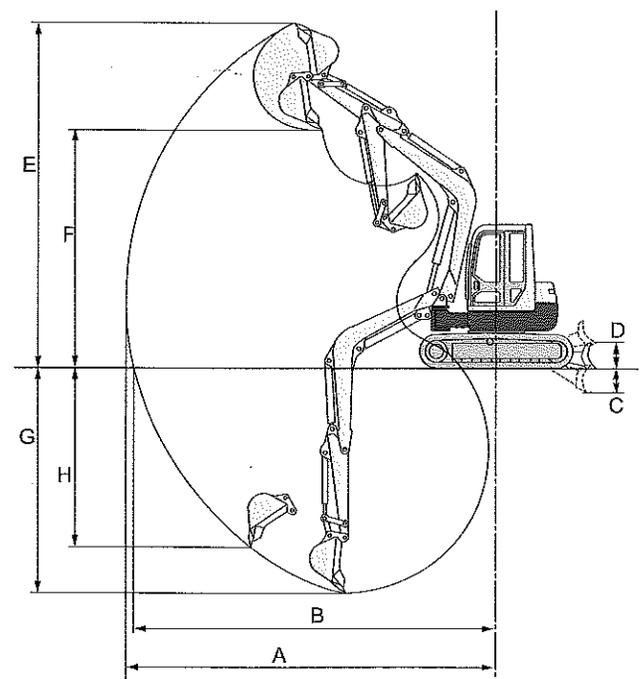
HYDRAULIC

Pump Type	Twin Variable Displacement Piston Pumps with Two Gear Pumps
Total Hydraulic Flow (gpm)	42.8 gal / min (62 L / min)
Auxiliary Hydraulic Flow	25.6 gal / min (96.9 L / min)
System Operating Pressure	3,000 psi (20.6 mpa)
Hydraulic Reservoir Capacity	18.0 gal (68.1 L)
Hydraulic System Capacity	21.9 gal (110 L)



WORKING DIMENSIONS

A. Maximum Reach	20 ft 4 in (6,195 mm)
B. Maximum Reach Ground Level	19 ft 10 in (6,065 mm)
C. Blade Max Lower	12.8 in (325 mm)
D. Blade Max Lift	12.6 in (320 mm)
E. Maximum Dig Height	18 ft 0 in (5,490 mm)
F. Maximum Dump Height	12 ft 9 in (3,885 mm)
G. Maximum Dig Depth	12 ft 10 in (3,900 mm)
H. Maximum Vertical Dig Depth	9 ft 11 in (3,030 mm)



Product Features

ENGINE

- ◆ EPA Interim Tier 4 Compliant
- ◆ Automatic Fuel Bleed System
- ◆ Extended Life Coolant
- ◆ Dual Element Air Cleaner

ELECTRICAL

- ◆ Electronic Monitoring System that Includes Visual and Audible Alarms for Low Oil Pressure, High Engine Coolant Temperature, Air Cleaner Restriction, and Charge Level
- ◆ 12 volt System with 40 amp Alternator
- ◆ Work Lights: Canopy - ROPS and Boom
Cab - Front Pillar and Boom
- ◆ Engine Preheat
- ◆ Hour Meter
- ◆ Travel Alarm

UNDERCARRIAGE AND FRAME

- ◆ Triple Flange Track Rollers
- ◆ Sloped Frame with Open Centers
- ◆ 2-Speed Travel with Automatic Shift
- ◆ Heavy Duty Dozer Blade
- ◆ Cast Iron Wrap Around Protective Counterweight
- ◆ 15.7" Rubber or Steel Tracks

HYDRAULIC

- ◆ Cushioned Boom and Arm Cylinders
- ◆ Pilot Controls
- ◆ Primary Auxiliary Hydraulic Circuit Plumbed to Arm with 1-Way and 2-Way Operation
- ◆ Accumulator
- ◆ Hydraulic Oil Cooler with Sight Gauge
- High Flow Primary Auxiliary Hydraulics 25.6 gal / min

WORKING EQUIPMENT

- ◆ Main Boom Cylinder Guard
- ◆ Patented Side-to-Side (STS) Offset Boom System
- ◆ Long Arm
- ◆ Boom Holding Valve with Overload Alarm
- Dual Pin Position Bucket
- Mechanical Bucket Quick Coupler
- Main Pin Hydraulic Thumb

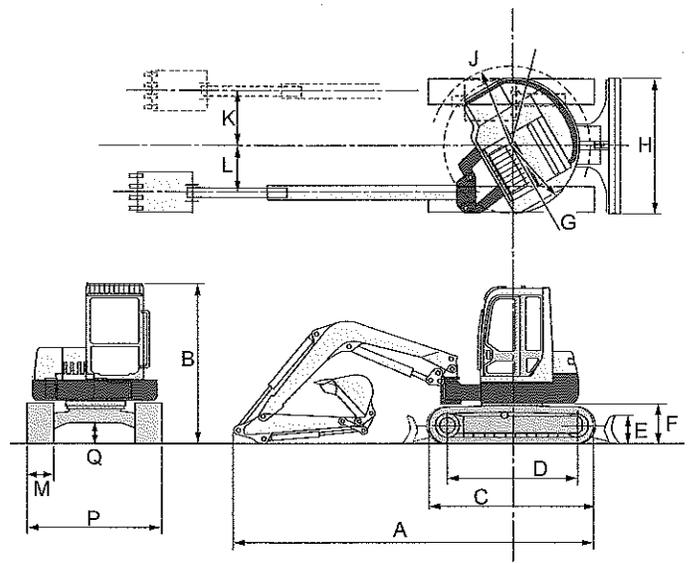
OPERATOR'S STATION

- ◆ ROPS / TOPS / FOPS Four Post Canopy
- ◆ Tilt-up Operator Station
- ◆ Six Way Adjustable Suspension Seat with Adjustable arm Rests
- ◆ Quick Change Control Pattern (ISO or SAE)
- ◆ Proportional Slide Switch for Auxiliary Hydraulics
- ◆ 2" Retractable Seat Belt
- 3" Seat Belt
- Cab with Air Conditioner, Heat, Defrost, Windshield Wiper and Washer, AM / FM / MP3 Radio

◆ - Standard ○ - Optional

MACHINE DIMENSIONS

A. Transport Length	17 ft 7 in (5,350 mm)
B. Transport Height	8 ft 6 in (2,585 mm)
C. Undercarriage Length	8 ft 2.5 in (2,500 mm)
D. Track Ground Contact Length	6 ft 6 in (1,985 mm)
E. Dozer Blade Height	16.9 in (430 mm)
F. Counterweight Ground Clearance	2 ft 0 in (615 mm)
G. Tail Swing (Slew) Radius	3 ft 8 in (1,110 mm)
H. Dozer Blade Width	6 ft 7 in (2,000 mm)
J. Minimum Front Radius	4 ft 3 in (1,285 mm)
K. Offset Working Distance (Right)	2 ft 8.5 in (825 mm) @ 15°
L. Offset Working Distance (Left)	2 ft 4.3 in (720 mm) @ 30°
M. Track Width (Rubber)	15.7 in (400 mm)
P. Undercarriage Width	6 ft 7 in (2,000 mm)
Q. Ground Clearance	11.8 in (300 mm)



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CASE
CONSTRUCTION

CX B SERIES COMPACT EXCAVATOR
CX55B MTS



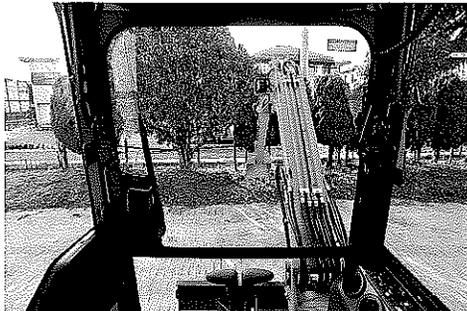
Case Delivers Full-Service Solutions

EQUIPMENT | FINANCING | PARTS & SERVICE

The newest addition to the B S

Setting the new standard

Case has taken the next step. We're setting the standard for digging power with the new CX55B compact excavator. It features a large boom and arm for a wider operating range, with a new, rectangular cab design that offers plenty of room and superior visibility – all while maintaining minimum tail swing. No matter what the operation, digging, swinging, loading or dozing, this machine will satisfy the most demanding operators and deliver profitable performance.



The wide front window slides easily overhead.



The new CX55B cab is 20 percent wider and comes with standard heat and air conditioning.

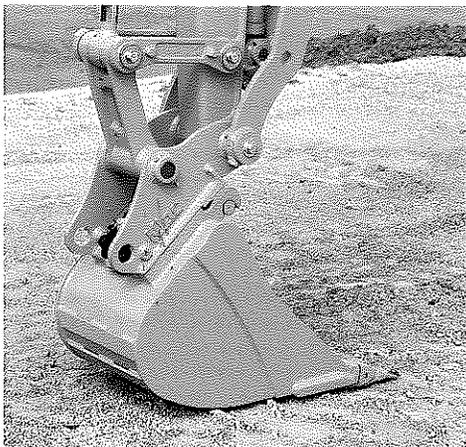
Comfortable work environment

The new CX55B cab is 20 percent wider with optimized control layout for comfortable, easy operation. The cab is 10 percent larger, and the window is nearly 7 inches wider. These

large windows, combined with an inboard mounted HVAC system, provide a clear view to the side and rear, significantly improving visibility. Additionally, the new front window opens by sliding smoothly and easily over the operator's head.



Series compact excavator line



Every CX55B compact excavator features bi-directional auxiliary hydraulics and comes "thumb ready."

More features

- Large-capacity fuel tank – The 19.8 gallon (75 L) fuel tank is approximately 40 percent larger than previous models, enabling extended operation and less downtime for refueling.
- Ready for any attachments – Not only does each Case CX55B have standard proportional hydraulic controls in the joystick, but now every unit also comes "thumb ready" with the attachment bracket already installed at the factory. Maximum auxiliary hydraulic flow has also been increased by 30 percent through our innovative pump design. In addition, optional secondary auxiliary hydraulics can operate attachments with multiple capabilities or give you a dedicated circuit to your thumb.

- Case dozer blades feature an increased 38-degree approach angle, and our blade shape rolls the dirt as it pushes, leaving a smooth and level surface. The new optional 4-way dozer blade features the same design, while giving you increased backfill and grading ability.

- Easy transport – With an overall cab height of only 8 feet 4 inches (2.55 m), the machine is designed for easy transport. Tie-down brackets on the crawler frame to let you easily secure the machine for trailering.



Reliable construction

The boom, arm and swing bracket all have large cross-section segments for added attachment strength. Case's reliable, tested and proven lower structure extends all the way to the sprockets, reinforcing the tracks and undercarriage at the optimal points.



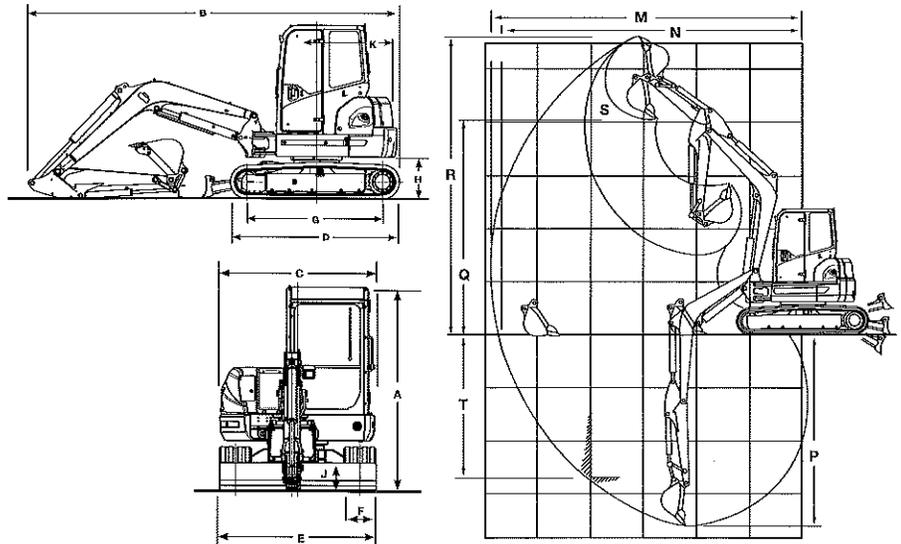
SPECIFICATIONS	CX55B
Model	Yanmar 4TNV88-BXPYBD
Net hp (kW)	39.3 hp (29.3 kW) @ 2400 rpm
Hydraulics	
Maximum Capacity	2 x 15 gpm (2 x 57.1 L/min)
Operating Weight	12,295 lb (5577 kg)

DIMENSIONS

A. Overall height	8 ft 4 in (2.55 m)
B. Overall length	17 ft 10 in (5.42 m)
C. Width of upperstructure	6 ft 4 in (1.94 m)
D. Track overall length	8 ft 1 in (2.48 m)
E. Track overall width w/15.7 in (400 mm) shoes	6 ft 5 in (1.96 m)
F. Track shoe width	15.7 in (400 mm)
G. Center to center (idler to sprocket)	6 ft 6 in (1.90 m)
H. Upperstructure ground clearance	24.5 in (625 mm)
J. Minimum ground clearance	1 ft 2 in (350 mm)
K. Tail swing radius	4 ft 2 in (1280 mm)
L. Backfill blade height	1 ft 2 in (345 mm)

PERFORMANCE SPECS

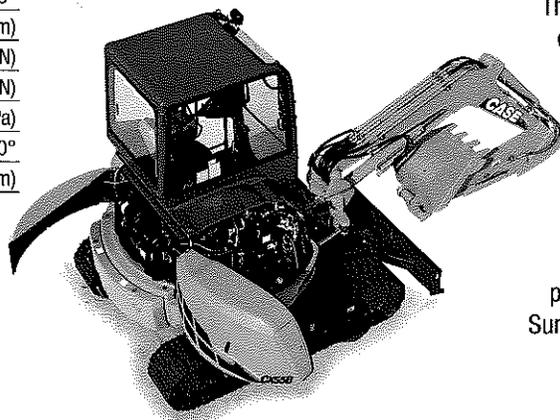
	5 ft 6.5 in (1.66 m) Arm
M. Maximum dig radius	20 ft 5 in (6.22 m)
N. Dig radius at groundline	19 ft 11 in (6.07 m)
P. Maximum dig depth	12 ft 10 in (3.91 m)
Q. Dump height	13 ft 10 in (4.20 m)
R. Overall reach height	18 ft 11 in (5.76 m)
S. Bucket rotation	178°
T. Vertical straight wall dig depth	10 ft .5 in (3.06 m)
Arm digging force	5,598 lbf (24.9 kN)
Bucket digging force, 2 position bucket	11,240 lbf (50 kN)
Ground pressure	4.5 psi (31.3 kPa)
Boom swing	Left 70° Right 60°
Tail swing overhang	11.7 in (299 mm)



Easy daily maintenance

Daily service checks are essential for safe and reliable machine operation. All startup checks can be performed quickly and easily at ground level with wide doors and easy access to valves. The radiator features a new intake method that simplifies cleaning and helps prevent clogging. Case still offers our "door within a door," giving quick access to both the pattern changer and the nibbler/breaker selection valve.

New features include a "no tools" fuel-tank drain valve and an accumulator that allows attachments to be safely lowered using in-cab controls in the event of an unexpected engine shut-down.



There is an "easy-access" electrical compartment under the seat, and the hour meter can be checked from the ground outside the cab.

Need help? Our customer support team is on call with a Customer Assistance Hotline that operates from 8 a.m. to 11 p.m. seven days a week (except Sundays, December through March).

CASE Customer Assistance
866-54-CASE6

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Always read the operator's manual before operating any equipment. Inspect equipment before using it, and be sure it is operating properly. Follow the product safety signs and use any safety features provided.

All engines meet current EPA emission regulations.

All specifications are stated in accordance with SAE standards or recommended practices, where applicable.

IMPORTANT: Case Construction Equipment Inc. reserves the right to change these specifications without notice and without incurring any obligation relating to such change. Availability of some models and equipment builds vary according to the country in which the equipment is used. The illustrations and text may include optional equipment and accessories and may not include all standard equipment. Your Case dealer/distributor will be able to give you details of the products and their specifications available in your area.