

# **CX130D**

DOZER BLADE

#### **TIER 4 FINAL CERTIFIED**



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Model	Isuzu AR-4JJ1X
	CEGR, SCR, DOC
Emissions Certification	Tier 4 Final

Fuel Requires ultra-low sulfur fuel B5 biodiesel tolerant Water-cooled, 4-cycle, Туре

high pressure common rail system Turbocharger w/ air cooled intercooler, SCR system

Cylinders	4-cylinder in-line
Displacement	183 in <sup>3</sup> (3 L)
Bore/Stroke	3.76 x 4.13 in (95.4 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 gradeability:

Side-to-side 35° Fore and aft 35°

Net horsepower - SAE J1349 @ 2000 RPM: 102 hp (76.4 kW)

Net max. torque - SAE J1349 @ 1800 RPM: 257 lbf·ft (349 N·m)

Cooling operating range:

109° to -13°F (43° to -25°C)

Oil Requires low-ash oil CJ-4

DRIVETRAIN	
Travel control	Dual stage relief/ counter balance design
Brakes	Mechanical disc
Service brakes	SAHR disc – each motor
Two speed travel: Max. high speed Max. low speed Automatic downshift	3.5 mph (5.6 km/h) 2.1 mph (3.4 km/h)
Drawbar pull	26,100 lbf (116 kN)
Gradeability	70% - 35° Slope

ELECTRICAL	1
Voltage	24 Volts
Alternator rating	50 amp
Batteries	2 x 12 Volt
Battery reserve capacity	72 Ah/5 hour
Work lights – 4 1 boom, 1 upper, 2 cab	24 Volt/70 watt

#### **OPERATOR ENVIRONMENT**

Air conditioner output	18,100 BTU/hr
Heater output	20,150 BTU/hr
Sound level inside cab	– ISO6395 70 dBA
Electrical outlet	12 Volt
Cab interior light	10 watt
Rear view camera	Standard
Seat	Heated, air-suspension

#### **ATTACHMENT**

Boom	15 ft 2 in (4 630 mm)
Arm options	8 ft 2 in (2.5 m)
	9 ft 10 in (3.01 m)
	6 ft 11 in (2.11 m)
Bucket digging force	20,200 lbf (90 kN)
w/ auto power up	21,400 lbf (95 kN)

NOTE: \*Digging force ratings based on ISO6015.

#### **OPERATING WEIGHT**

Operating weight	30,400 lb (13 800 kg)
w/ shoes	2 ft 0 in (600 mm)
w/ boom	15 ft 2 in (4 630 mm)
w/ arm	8 ft 2 in (2.5 m)
w/ bucket	882 lb (400 kg)
w/ counterweight	4,380 lb (1 990 kg)
w/ blade	8 ft 6 in (2 590 mm)

NOTE: W/ operator/full fuel/standard equipment.

#### **GROUND PRESSURE**

@ Standard operating weight 5.4 psi (0.37 bar) w/ 23.6 in (600 mm) triple grouser shoes

### **HYDRAULICS**

Max. capacity

System design	Open center		
Main pumps	Two-variable displacement/		
	axial piston		
Max. rated flow pe	er pump:		
34.1 a	pm (129 L/min) @ 2000 RPM		
Max. rated flow to	, ,		
68.2 g	pm (258 L/min) @ 2000 RPM		
System pressures:			
Boom, arm and bu	ucket 4,970 psi (343 bar)		
w/ Power Boost	5,260 psi (363 bar)		
Travel circuits	4,970 psi (343 bar)		
Swing circuits	4,050 psi (279 bar)		
Pilot pump	1 x gear design		

5.3 gpm (20 L/min)

Controls	w/ boom/arm holding valve
Right track travel, bucket, boom and	1 x Four-spool section
arm acceleration.	
Left track travel, auxiliary, swing, bo and arm accelerati	
Work mode selectio	ns SP: Speed Priority
	H: Heavy-Duty
	A: Automatic
Swing motor Fix	ed displacement axial piston
Swing final drive	Planetary gear reduction
Travel motor	Two-speed independent travel/axial piston

HVD	DALL	110		EDC

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 Cylinder bore Cylinder rod diameter Cylinder stroke	One (1) 4.5 in (115 mm) 3.1 in (80 mm) 43.6 in (1 108 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)
Blade cylinder	One (1)
Cylinder bore	4.5 in (115 mm)
Cylinder rod diameter	2.8 in (70 mm)
Cylinder stroke	9.8 in (250 mm)

### SERVICE CAPACITIES

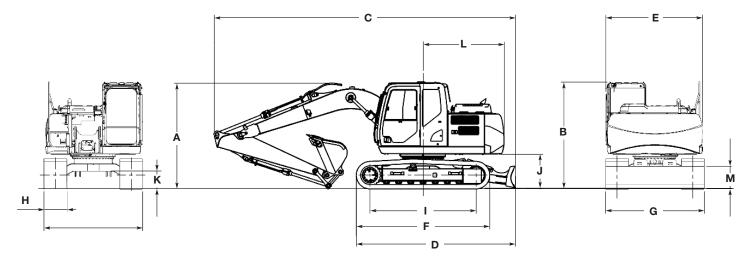
Fuel tank	69 gal (260 L)
Hydraulic system Hydraulic tank	41 gal (157 L) 22 gal (82 L)
Engine oil w/ filter	4.5 gal (17 L)
Swing drive	0.6 gal (2.2 L)
Final drive	0.6 gal (2.1 L)
Cooling system	4.7 gal (17.7 L)
DEF tank	20 gal (75 L)

#### **OTHER SPECIFICATIONS**

Swing speed	14.3 RPM
Swing torque	24,400 lbf·ft (33 000 kN·m)
Swing brake	Mechanical disc
Undercarriage:	
Length	11 ft 6 in (3 500 mm)
Track gauge	6 ft 6 in (1 990 mm)
Carrier rollers - eac	h side 1
Track rollers - each	side 7
Shoes - triple grouse	er – each side 43
Shoe width - std.	2 ft 0 in (600 mm)
Link pitch	6.8 in (172 mm)

Track: Chain

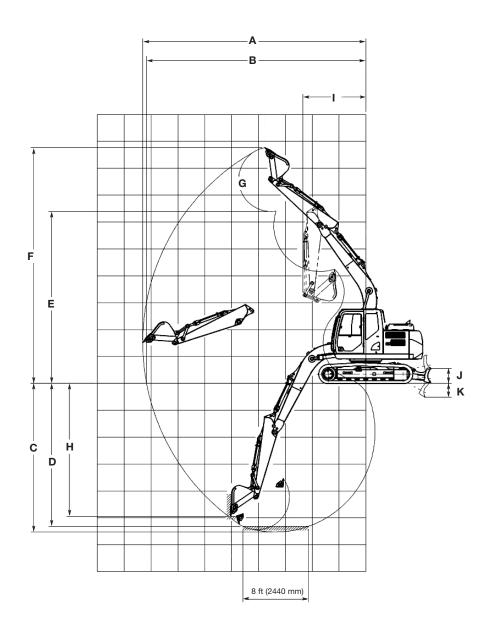
Grease lubricated/strutted Guides Single Adjustment Hydraulic



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

DII	MENSIONS			
		8 ft 2 in (2.50 m) Arm	9 ft 10 in (3.01 m) Arm	6 ft 11 in (2.11 m) Arm
A.	Overall height	9 ft 1 in (2 770 mm)	8 ft 8 in (2 640 mm)	8 ft 10 in (2 680 mm)
В.	Cab height	9 ft 3 in (2 830 mm)	9 ft 3 in (2 830 mm)	9 ft 3 in (2 830 mm)
C.	Overall length – with attachment	25 ft 11 in (7 900 mm)	25 ft 11 in (7 900 mm)	25 ft 11 in (7 890 mm)
D.	Overall length – without attachment	13 ft 8 in (4 160 mm)	13 ft 8 in (4 160 mm)	13 ft 8 in (4 160 mm)
E.	Width of upper structure	8 ft 4 in (2 530 mm)	8 ft 4 in (2 530 mm)	8 ft 4 in (2 530 mm)
F.	Track overall length	11 ft 6 in (3 500 mm)	11 ft 6 in (3 500 mm)	11 ft 6 in (3 500 mm)
G.	Track overall width with 23.6 in (600 mm) shoes	8 ft 6 in (2 590 mm)	8 ft 6 in (2 590 mm)	8 ft 6 in (2 590 mm)
Н.	Track shoe width	2 ft 0 in (600 mm)	2 ft 0 in (600 mm)	2 ft 0 in (600 mm)
I.	Center to center – idler to sprocket	9 ft 2 in (2 790 mm)	9 ft 2 in (2 790 mm)	9 ft 2 in (2 790 mm)
J.	Upper structure ground clearance	2 ft 11 in (895 mm)	2 ft 11 in (895 mm)	2 ft 11 in (895 mm)
K.	Minimum ground clearance	1 ft 5 in (425 mm)	1 ft 5 in (425 mm)	1 ft 5 in (425 mm)
L.	Rear tail swing radius	7 ft 1 in (2 170 mm)	7 ft 1 in (2 170 mm)	7 ft 1 in (2 170 mm)
M.	Blade height	1 ft 10 in (570 mm)	1 ft 10 in (570 mm)	1 ft 10 in (570 mm)

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PERFORMANCE SPECS			
	8 ft 2 in (2.50 m) Arm	9 ft 10 in (3.01 m) Arm	6 ft 11 in (2.11 m) Arm
A. Maximum dig radius	27 ft 3 in (8 310 mm)	28 ft 9 in (8 770 mm)	26 ft 1 in (7 960 mm
B. Dig radius at groundline	26 ft 10 in (8 170 mm)	28 ft 4 in (8 640 mm)	25 ft 7 in (7 810 mm
C. Maximum dig depth	18 ft 3 in (5 550 mm)	19 ft 10 in (6 050 mm)	16 ft 11 in (5 160 mm
D. Dig depth - 8 ft 0 in (2.44 m) level bottom	17 ft 6 in (5 330 mm)	19 ft 3 in (5 870 mm)	16 ft 2 in (4 920 mm
E. Dump height	21 ft 0 in (6 390 kg)	21 ft 11 in (6 680 mm)	20 ft 3 in (6 170 mm
F. Maximum reach height	28 ft 9 in (8 770 mm)	29 ft 8 in (9 050 mm)	28 ft 1 in (8 550 mm
G. Bucket rotation	178°	178°	178
H. Maximum vertical wall dig depth	16 ft 3 in (4 950 mm)	17 ft 7 in (5 350 mm)	15 ft 1 in (4 600 mm
I. Minimum swing radius	7 ft 8 in (2 340 mm)	8 ft 9 in (2 660 mm)	7 ft 9 in (2 360 mm
J. Blade maximum lift above ground	1 ft 8 in (510 mm)	1 ft 8 in (510 mm)	1 ft 8 in (510 mm
K. Blade maximum drop below ground	1 ft 9 in (520 mm)	1 ft 9 in (520 mm)	1 ft 9 in (520 mm
Arm digging force:			
Standard	13,900 lbf (62 kN)	12,600 lbf (56 kN)	15,700 lbf (70 kN
Power Boost	14,800 lbf (66 kN)	13,500 lbf (60 kN)	16,600 lbf (74 kN
Bucket digging force:			
Standard	20,200 lbf (90 kN)	20,200 lbf (90 kN)	20,200 lbf (90 kN
Power Boost	21,400 lbf (95 kN)	21,400 lbf (95 kN)	21,400 lbf (95 kN

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8 ft 2 in (2.50 m) Arm, Lift capacities using a 900 lb (408 kg) bucket, 4,850 lb (2 200 kg) counterweight.

Load (Lift Point Height)		ft 5 m)		Oft m)		i ft i m)		) ft m)	25 ft (7.5 m)		MAXIMUM REACH		
	END	SIDE	END	SIDE	END	SIDE	END	SIDE	END	SIDE	@	END	SIDE
+25 ft (7.5 m)					4,050 lb (1 837 kg)	4,050 lb (1 837 kg)					16 ft 7 in (5.05 m)	3,250 lb (1 474 kg)	3,250 lb (1 474 kg)
+20 ft (6 m)					5,900 lb (2 676 kg)	5,900 lb (2 676 kg)	4,950 lb (2 245 kg)	4,750 lb (2 155 kg)			21 ft 9 in (6.63 m)	2,700 lb (1 225 kg)	2,700 lb (1 225 kg)
+15 ft (4.5 m)					6,400 lb (2 903 kg)	6,400 lb (2 903 kg)	6,100 lb (2 767 kg)	4,700 lb (2 132 kg)			24 ft 7 in (7.49 m)	2,550 lb (1 157 kg)	2,550 lb (1 157 kg)
+10 ft (3 m)			11,550 lb (5 239 kg)	11,550 lb (5 239 kg)	8,600 lb (3 901 kg)	7,250 lb (3 289 kg)	6,950 lb (3 152 kg)	4,500 lb (2 041 kg)	4,750 lb (2 155 kg)	3,000 lb (1 361 kg)	26 ft 0 in (7.92 m)	2,550 lb (1 157 kg)	2,550 lb (1 157 kg)
+5 ft (1.5 m)			16,800 lb (7 620 kg)	12,700 lb (5 761 kg)	10,700 lb (4 853 kg)	6,700 lb (3 039 kg)	6,700 lb (3 039 kg)	4,250 lb (1 928 kg)	4,650 lb (2 109 kg)	2,850 lb (1 293 kg)	26 ft 4 in (8.03 m)	2,700 lb (1 225 kg)	2,600 lb (1 179 kg)
Groundline	5,650 lb (2 563 kg)	5,650 lb (2 563 kg)	18,450 lb (8 369 kg)	11,700 lb (5 307 kg)	10,300 lb (4 672 kg)	6,300 lb (2 858 kg)	6,500 lb (2 948 kg)	4,000 lb (1 814 kg)	4,550 lb (2 064 kg)	2,800 lb (1 270 kg)	25 ft 7 in (7.80 m)	3,000 lb (1 361 kg)	2,700 lb (1 225 kg)
-5 ft (-1.5 m)	11,200 lb (5 080 kg)	11,200 lb (5 080 kg)	20,200 lb (9 163 kg)	11,600 lb (5 262 kg)	10,100 lb (4 581 kg)	6,100 lb (2 767 kg)	6,350 lb (2 880 kg)	3,900 lb (1 769 kg)			23 ft 9 in (7.24 m)	3,600 lb (1 633 kg)	3,000 lb (1 361 kg)
-10 ft (-3 m)	17,700 lb (8 029 kg)	17,700 lb (8 029 kg)	18,550 lb (8 414 kg)	11,850 lb (5 375 kg)	10,200 lb (4 627 kg)	6,200 lb (2 812 kg)	6,500 lb (2 948 kg)	4,050 lb (1 837 kg)			20 ft 7 in (6.27 m)	4,900 lb (2 223 kg)	3,850 lb (1 746 kg)
-15 ft (-4.5 m)			13,800 lb (6 260 kg)	12,150 lb (5 511 kg)	8,250 lb (3 742 kg)	6,450 lb (2 926 kg)					15 ft 4 in (4.67 m)	7,800 lb (3 538 kg)	6,200 lb (2 812 kg)

## 9 ft 10 in (3.01 m) Arm, Lift capacities using a 750 lb (340 kg) bucket, 4,850 lb (2 200 kg) counterweight.

Load (Lift Point Height)		ft m)		ft i m)		ft m)		ift im)		ft m)		ift im)	MAXIMUM REACH		
	END	SIDE	END	SIDE	END	SIDE	END	SIDE	END	SIDE	END	SIDE	@	END	SIDE
+25 ft (7.5 m)													19 ft 1 in (5.82 m)	3,100 lb (1 406 kg)	3,100 lb (1 406 kg)
+20 ft (6 m)									4,900 lb (2 223 kg)	4,900 lb (2 223 kg)			23 ft 7 in (7.19 m)	2,700 lb (1 225 kg)	2,700 lb (1 225 kg)
+15 ft (4.5 m)									5,800 lb (2 631 kg)	4,850 lb (2 200 kg)	4,200 lb (1 905 kg)	3,150 lb (1 429 kg)	26 ft 3 in (8.00 m)	2,550 lb (1 157 kg)	2,550 lb (1 157 kg)
+10 ft (3 m)							7,500 lb (3 402 kg)	7,300 lb (3 311 kg)	6,550 lb (2 971 kg)	4,600 lb (2 087 kg)	4,850 lb (2 200 kg)	3,050 lb (1 383 kg)	27 ft 7 in (8.41 m)	2,550 lb (1 157 kg)	2,500 lb (1 134 kg)
+5 ft (1.5 m)					14,450 lb (6 554 kg)	13,100 lb (5 942 kg)	10,200 lb (4 627 kg)	6,850 lb (3 107 kg)	6,800 lb (3 084 kg)	4,300 lb (1 950 kg)	4,700 lb (2 132 kg)	2,900 lb (1 315 kg)	27 ft 10 in (8.48 m)	2,700 lb (1 225 kg)	2,350 lb (1 066 kg)
Groundline			5,850 lb (2 654 kg)	5,850 lb (2 654 kg)	18,650 lb (8 459 kg)	11,800 lb (5 352 kg)	10,350 lb (4 695 kg)	6,300 lb (2 858 kg)	6,500 lb (2 948 kg)	4,050 lb (1 837 kg)	4,550 lb (2 064 kg)	2,800 lb (1 270 kg)	27 ft 2 in (8.28 m)	3,000 lb (1 361 kg)	2,400 lb (1 089 kg)
-5 ft (-1.5 m)	8,400 lb (3 810 kg)	8,400 lb (3 810 kg)	10,200 lb (4 627 kg)	10,200 lb (4 627 kg)	20,100 lb (9 117 kg)	11,450 lb (5 194 kg)	10,050 lb (4 559 kg)	6,050 lb (2 744 kg)	6,350 lb (2 880 kg)	3,900 lb (1 769 kg)	4,500 lb (2 041 kg)	2,750 lb (1 247 kg)	25 ft 5 in (7.75 m)	3,500 lb (1 588 kg)	2,700 lb (1 225 kg)
-10 ft (-3 m)	11,200 lb (5 080 kg)	11,200 lb (5 080 kg)	15,100 lb (6 849 kg)	15,100 lb (6 849 kg)	19,300 lb (8 754 kg)	11,600 lb (5 262 kg)	10,050 lb (4 559 kg)	6,100 lb (2 767 kg)	6,400 lb (2 903 kg)	3,950 lb (1 792 kg)			22 ft 6 in (6.86 m)	4,600 lb (2 087 kg)	3,300 lb (1 497 kg)
-15 ft (-4.5 m)			24,050 lb (10 909 kg)	24,050 lb (10 909 kg)	15,800 lb (7 167 kg)	12,050 lb (5 466 kg)	10,150 lb (4 604 kg)	6,450 lb (2 926 kg)					17 ft 9 in (5.41 m)	7,400 lb (3 357 kg)	4,850 lb (2 200 kg)

## 6 ft 11 in (2.11 m) Arm, Lift capacities using a 900 lb (408 kg) bucket, 4,850 lb (2 200 kg) counterweight.

Load (Lift Point Height)	5 (1.5	ft i m)		) ft m)		ift im)		ft m)		5 ft 5 m)	MAXIMUM REACH			
	END	SIDE	END	SIDE	END	SIDE	END	SIDE	END	SIDE	@	END	SIDE	
+25 ft (7.5 m)											14 ft 6 in (4.42 m)	4,000 lb (1 814 kg)	4,000 lb (1 814 kg)	
+20 ft (6 m)					6,300 lb (2 858 kg)	6,300 lb (2 858 kg)	4,050 lb (1 837 kg)	4,050 lb (1 837 kg)			20 ft 3 in (6.17 m)	3,300 lb (1 497 kg)	3,300 lb (1 497 kg)	
+15 ft (4.5 m)					7,150 lb (3 243 kg)	7,150 lb (3 243 kg)	6,550 lb (2 971 kg)	4,550 lb (2 064 kg)			23 ft 4 in (7.11 m)	3,050 lb (1 383 kg)	3,050 lb (1 383 kg)	
+10 ft (3 m)			12,350 lb (5 602 kg)	12,350 lb (5 602 kg)	9,250 lb (4 196 kg)	7,050 lb (3 198 kg)	6,850 lb (3 107 kg)	4,350 lb (1 973 kg)			24 ft 10 in (7.57 m)	3,050 lb (1 383 kg)	2,900 lb (1 315 kg)	
+5 ft (1.5 m)			17,400 lb (7 893 kg)	12,250 lb (5 557 kg)	10,600 lb (4 808 kg)	6,550 lb (2 971 kg)	6,600 lb (2 994 kg)	4,150 lb (1 882 kg)	3,950 lb (1 792 kg)	2,800 lb (1 270 kg)	25 ft 2 in (7.67 m)	3,200 lb (1 451 kg)	2,750 lb (1 247 kg)	
Groundline			16,800 lb (7 620 kg)	11,450 lb (5 194 kg)	10,150 lb (4 604 kg)	6,150 lb (2 790 kg)	6,400 lb (2 903 kg)	3,950 lb (1 792 kg)			24 ft 5 in (7.44 m)	3,550 lb (1 610 kg)	2,850 lb (1 293 kg)	
-5 ft (-1.5 m)	12,100 lb (5 488 kg)	12,100 lb (5 488 kg)	19,850 lb (9 004 kg)	11,550 lb (5 239 kg)	10,050 lb (4 559 kg)	6,050 lb (2 744 kg)	6,350 lb (2 880 kg)	3,900 lb (1 769 kg)			22 ft 6 in (6.86 m)	4,300 lb (1 950 kg)	3,250 lb (1 474 kg)	
-10 ft (-3 m)	18,600 lb (8 437 kg)	18,600 lb (8 437 kg)	17,500 lb (7 938 kg)	11,850 lb (5 375 kg)	10,200 lb (4 627 kg)	6,250 lb (2 835 kg)					19 ft 1 in (5.82 m)	6,000 lb (2 722 kg)	4,300 lb (1 950 kg)	
-15 ft (-4.5 m)											11 ft 7 in (3.53 m)	9,800 lb (4 445 kg)	9,500 lb (4 309 kg)	

NOTE: \*Following number indicates hydraulic capacity

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#### STANDARD EQUIPMENT

#### **ENGINE**

Isuzu AR-4JJ1X

Tier 4 Final Certified

Selective Catalytic Reduction - SCR

Diesel Oxidation Catalyst - DOC

Cooled Exhaust Gas Recirculation - CEGR

**EGR Coolers** 

Four-cylinder turbo-charged diesel

VGT turbocharger

Electronic fuel injection

High pressure common rail system

Neutral safety start

Auto-engine warm up

Glow-plug pre-heat

Fuel Economy Assist System – FEA

Engine Protection Feature - EPF

Dual-stage fuel filtration

Dual element air filter

Remote oil filter

Drain for fuel tank

Remote engine oil drain

500-hour engine oil change interval

24 Volt system

Engine oil sample port

Battery disconnect switch

Emergency engine stop

External Fuel and DEF gauges

Fan housing

Fuel cooler

Fuel filter restriction indicator

Fuel shut-off valve

Idle start

Radiator, oil cooler,

intercooler - protective screen

#### **FUEL ECONOMY SYSTEMS**

Engine Idle/Fuel Economy System:

Auto-idle

One-touch idle

Auto-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

Arm speed assistance - 2 pump flow

Auxiliary flow control

Auxiliary valve

Boom speed assistance - 2 pump flow

Bucket curl assist

Control levers pre-wired for auxiliary hydraulics

Electronically controlled hydraulic pumps

Holding valve - Boom and Arm

Fire wall

Hydraulic filter restriction indicator

Neutral pump de-stroke

Oil cooler

Power save

Pump stand-by pressure

Auto travel speed change

Selectable work modes

Free swing

Hydraulic oil sample port

Control pattern selector

Pre-set auxiliary pump settings

Auxiliary valve

5,000-hour hydraulic oil change interval

1,000-hour hydraulic filter change interval

SAHR brake

#### **UPPER STRUCTURE**

ISO mirrors - 3

Viscous Cab mounts - fluid and spring

Upper mounted work light - 70 watt

Swivel guard belly pan

Center cover - over main CV

Fuel tank belly pan

Handrail - RH access

ISO guard rails

Lifting eyes for counterweight

Lockable fuel cap, service doors and tool box

#### **ATTACHMENTS**

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

Bucket anti-clatter device

Chrome pins

Easy Maintenance System (EMS) bushings

Teardrop pin retention keepers

#### **OPERATOR ENVIRONMENT**

ROPS protection

FOPS cab top guard - Level 1

Pressurized cab

Face vent

Cab lights - 2

Interior dome light

One-touch lock front window

One piece window - right

Safety glass windows

Gate lock hydraulic activation

Emergency exit and hammer

Clear polycarbonate roof window with sunshade

AC/heat/defrost with auto climate control

LED Color monitor - 7 in (180 mm)

26 selectable languages for monitor

On-board diagnostic system

10 programmable attachments settings on monitor – 5 single flow, 5 dual flow

Seatbelt - 3 in (76 mm)

Heated high-back cloth seat with air suspension and 65° tilt adjustment

Sliding seat - 3.54 in (90 mm)

Adjustable armrests

Tilting consoles – 4-position

Sliding cockpit - 3.15 in (80 mm)

Low-effort joystick controls

Controls pre-wired for auxiliary

Straight travel

AM/FM radio with antenna, 2 speakers and

Bluetooth capabilities

Aux-in port for personal electronics

Radio mute switch - joystick

Rear-view camera

Anti-theft system - start code system

Rubber floormat

12 Volt electric outlet

24 Volt cigarette lighter

Windshield wiper/washer

Cup holder

Storage compartments

Warm/cool storage compartment

Travel alarm with cancel switch

Ignition keys

One kev start & lock-up

Cab filter - external

Cab handrails Operator's manual

#### UNDERCARRIAGE

23.6 in (600 mm) steel shoes.

triple semi-grouser

Full overlap turntable bearing tub Track chain guides

Hydraulic track adjustment

Sealed link chain

Steps

Carbody belly pan - swivel guard

X-pattern carbody
Lashing points – tie downs

## FRONT DOZER BLADE

8 ft 6 in (2.59 m) width – comes with 23.6 in (600 m) steel shoes

## TELEMATICS

CASE SiteWatch™ Telematics – includes hardware and a 3-yr Advanced data subscription

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#### OPTIONAL EQUIPMENT

#### **ENGINE**

Refueling pump

#### **HYDRAULICS**

Auxiliary hydraulics: Single acting/joystick activated Double acting/joystick activated - thumb Multi-function with electronic pressure control/joystick activated with electronic proportional controls Secondary low-flow/joystick activated Proportional hydraulic controls Hose Burst Check Valve - HBCV

#### **MACHINE CONTROL**

Leica iCON iXE2 - 2D System Leica iCON iXE3 - 3D System

#### **ATTACHMENTS**

Heavy-duty arm - 6 ft 11 in (2.11 m) Long arm - 9 ft 11 in (3.01 m) Quick coupler/Case multi-pin grabber Tools:

Heavy-duty/Extreme-duty/Ditching Buckets; Hammers; Thumbs; Compaction plates.

Load holding control

#### **UPPER STRUCTURE**

Rubber bumper guard - order through Service Parts

#### UNDERCARRIAGE

19.7 in (500 mm) rubber link chain, bolt-on rubber pads on steel chain 27.6 in (700 mm) steel shoes, triple semi-grouser Double track chain guides

#### **OPERATOR ENVIRONMENT**

FOPS cab top guard - Level 2 Front grill guard - 2 x 2 in (50.8 x 50.8 mm) screen mesh

Front rock guard - vertical bars Two piece/OPG 1

Front rock guard - vertical bars One piece/OPG 2

Vandal guard (front window) with common key

Rain deflector - not available with Front guards

Sun visor

Side-view camera

LED Package:

Includes 1 Side view camera and 6 LED Lights - 2 front cab mounted, 2 rear mounted and 1 mounted on each side

#### FRONT DOZER BLADE

Hydraulically controlled front dozer blade: 8 ft 2 in (2.49 m) width - comes with 19.7 in (500 mm) rubber link chain 8 ft 10 in (2.69 m) width - comes with 27.6 in (700 mm) steel shoes

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