



# HAWK

Reach Beyond, with HAWK.

[VISIT SITE NOW >>](#)



JOHN DEERE

**135** **P**  
Excavator

[VISIT SITE NOW >>](#)

[www.hawkexcavator.com](http://www.hawkexcavator.com)

| (713) 230 8725

| [info@hawkexcavator.com](mailto:info@hawkexcavator.com)



# HAWK

Reach Beyond, with HAWK.

**VISIT SITE NOW »**



**135 P-TIER EXCAVATOR**

## **SIZABLE SOLUTION FOR REAL-WORLD ACTION**

Whether your work is in urban renewal, underground utilities, or street repair, the John Deere 135 P-Tier Excavator is purpose-built to deliver legendary performance. Reduced-tail-swing design, ease of operation, and proven components are just a few of the customer-inspired details that have earned this mid-size muscle a well-deserved reputation in the industry and on jobsites just like yours. Plus a versatile range of production-boosting optional advantages like a durable backfill blade will help you realize all the tasks you can complete in your corner of the work world.

**VISIT SITE NOW »**



# HAWK

Reach Beyond, with HAWK.

**VISIT SITE NOW >>**

## FEATURES



### Dial it up

Multi-language LCD monitor and rotary dial provide intuitive access to a wealth of information and functions. Just turn and tap to select work mode, access operating info, check maintenance intervals, source diagnostic codes, adjust cab temperature, and tune the radio. Plus much more.

### Close-quarter specialist

Maneuverable reduced-tail-swing model fits in tight or crowded spaces, minimizing the risk of damage to the machine or your surroundings. Optional rubber crawler pad helps cushion impact to concrete or asphalt when working on street repairs or in residential areas.

### Put technology to work

John Deere Powerwise Plus™ technology delivers on-demand power. Precise pump flow when pilot controls are metered provides reliable, fuel-efficient machine performance.

### Take control

Ergonomically correct short-throw pilot levers enable smooth, predictable fingertip control with less movement or effort. Sliding switch allows proportional speed control, for easy fingertip command of standard auxiliary hydraulics, maximizing machine versatility.

### See it like never before

Integrated into the main monitor, optional right rear left camera system with additional LED surround lighting work together to supplement 270-degree visibility of the area around the machine, even in low-light conditions.



**REDUCED-TAIL-SWING**  
MODEL EASILY FITS IN

**VISIT SITE NOW >>**



[VISIT SITE NOW >>](#)

### 135 P-TIER EXCAVATOR SPECIFICATIONS

While general information, pictures, and descriptions are provided, some illustrations and text may include product options and accessories NOT AVAILABLE in all regions, and in some countries products and accessories may require modifications or additions to ensure compliance with the local regulations of those countries.

<b>Engine</b>	<b>135 P-TIER</b>		
	<i>Base engine for use in the U.S., U.S. Territories, and Canada</i>		
Manufacturer and Model	Isuzu 4JJ1		
Non-Road Emission Standard	EPA Final Tier 4/EU Stage IV		
Net Rated Power (ISO 9249)	75 kW (101 hp) at 2,000 rpm		
Cylinders	4		
Displacement	3.0 L (182 cu. in.)		
Off-Level Capacity	70% (35 deg.)		
Aspiration	Turbocharged, air-to-air charge-air cooler		
<b>Cooling</b>			
	Direct-drive suction-type fan		
<b>Powertrain</b>			
	2-speed propel with automatic shift		
<b>Maximum Travel Speed</b>			
Low	3.4 km/h (2.1 mph)		
High	5.5 km/h (3.4 mph)		
Drawbar Pull	11 217 kg (24,729 lb.)		
<b>Hydraulics</b>			
	Open center, pilot operated		
<b>Main Pumps</b>	2 variable-displacement axial-piston pumps		
Maximum Rated Flow	105 L/m (28 gpm) x 2		
<b>Pilot Pump</b>	1 gear		
Maximum Rated Flow	32.9 L/m (8.7 gpm)		
Pressure Setting	3930 kPa (570 psi)		
<b>System Operating Pressure</b>			
Circuits			
Implement	34 300 kPa (4,975 psi)		
Travel	34 800 kPa (5,047 psi)		
Swing	32 300 kPa (4,685 psi)		
Power Boost	36 300 kPa (5,265 psi)		
<b>Controls</b>	Pilot levers, short stroke, low-effort hydraulic pilot controls with shutoff lever		
<b>Cylinders</b>			
	<i>Bore</i>	<i>Rod Diameter</i>	<i>Stroke</i>
<b>Boom (2)</b>	105 mm (4.13 in.)	70 mm (2.76 in.)	941 mm (37.05 in.)
<b>Arm (1)</b>	115 mm (4.53 in.)	80 mm (3.15 in.)	1135 mm (44.69 in.)
<b>Bucket (1)</b>	100 mm (3.94 in.)	70 mm (2.76 in.)	875 mm (34.45 in.)
<b>Electrical</b>			
Number of Batteries (12 volt)	2		
Battery Capacity	300 CCA		
Alternator Rating	50 amp		
<b>Work Lights</b>	2 LED (1 mounted on boom, 1 on frame)		
<b>Undercarriage</b>			
<b>Rollers (per side)</b>			
Carrier	1		
Track	7		
Shoes (per side)	44		
<b>Track</b>			
Adjustment	Hydraulic		
Guides	Front idler		
Chain	Sealed and lubricated		

[VISIT SITE NOW >>](#)



**VISIT SITE NOW >>**

While general information, pictures, and descriptions are provided, some illustrations and text may include product options and accessories NOT AVAILABLE in all regions, and in some countries products and accessories may require modifications or additions to ensure compliance with the local regulations of those countries.

Ground Pressure		135 P-TIER	
	Without Blade	With Blade	
Rubber Crawler Pad, 500 mm (20 in.)	43 kPa (6.24 psi)	46 kPa (6.67 psi)	
Triple Semi-Grouser Shoes			
600 mm (24 in.)	37 kPa (5.37 psi)	39 kPa (5.66 psi)	
700 mm (28 in.)	32 kPa (4.64 psi)	34 kPa (4.93 psi)	
Swing Mechanism			
Speed	13.3 rpm		
Torque	34 000 Nm (25,000 lb.-ft.)		
Serviceability			
Refill Capacities		Refill Capacities (continued)	
Fuel Tank	220 L (58 gal.)	Gearbox	
Cooling System	21 L (22.2 qt.)	Swing	3 L (3.2 qt.)
Engine Oil With Filter	17 L (18 qt.)	Propel (each)	4 L (4.2 qt.)
Hydraulic Tank	60 L (15.9 gal.)	Diesel Exhaust Fluid (DEF) Tank	12 L (12.7 qt.)
Hydraulic System	125 L (33 gal.)		

**Operating Weights**  
 With full fuel tank; 79-kg (175 lb.) operator; 914-mm (36 in.), 0.5-m<sup>3</sup> (0.65 cu. yd.), 414-kg (913 lb.) general-purpose bucket; 3.01-m (9 ft. 11 in.) arm; and 3650-kg (8,047 lb.) counterweight

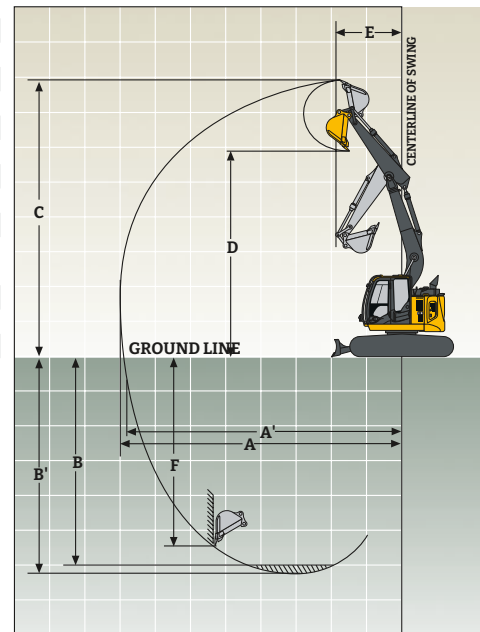
Operating Weights	Without Blade	With Blade
Rubber Crawler Pad, 500 mm (20 in.)	13 900 kg (30,644 lb.)	14 900 kg (32,849 lb.)
Triple Semi-Grouser Shoes		
600 mm (24 in.)	14 100 kg (31,085 lb.)	15 100 kg (33,290 lb.)
700 mm (28 in.)	14 300 kg (31,526 lb.)	15 400 kg (33,951 lb.)

**Optional Components**

Undercarriage		
Rubber Crawler Pad, 500 mm (20 in.)	4210 kg (9,281 lb.)	5247 kg (11,568 lb.)
Triple Semi-Grouser Shoes		
600 mm (24 in.)	4436 kg (9,780 lb.)	5473 kg (12,066 lb.)
700 mm (28 in.)	4628 kg (10,203 lb.)	5701 kg (12,569 lb.)
1-Piece Boom (with arm cylinder)	995 kg (2,194 lb.)	995 kg (2,194 lb.)
3.01-m (9 ft. 11 in.) Arm With Bucket	663 kg (1,462 lb.)	663 kg (1,462 lb.)
Cylinder and Linkage		
Boom-Lift Cylinders (2), Total Weight	232 kg (511 lb.)	232 kg (511 lb.)

**Operating Dimensions**

Arm Length	
Arm Digging Force	3.01 m (9 ft.11 in.)
SAE	60 kN (13,490 lb.)
ISO	61 kN (13,710 lb.)
Bucket Digging Force	
SAE	91 kN (20,460 lb.)
ISO	104 kN (23,380 lb.)
A Maximum Reach	8.86 m (29 ft. 2 in.)
A' Maximum Reach at Ground Level	8.72 m (28 ft. 4 in.)
B Maximum Digging Depth	5.98 m (20 ft. 0 in.)
B' Maximum Digging Depth at 244-m (8 ft. 0 in.) Flat Bottom	5.79 m (19 ft. 2 in.)
C Maximum Cutting Height	9.69 m (31 ft. 8 in.)
D Maximum Dumping Height	7.22 m (23 ft. 4 in.)
E Minimum Swing Radius	2.45 m (8 ft. 4 in.)
F Maximum Vertical Wall	5.19 m (16 ft. 8 in.)



**VISIT SITE NOW >>**

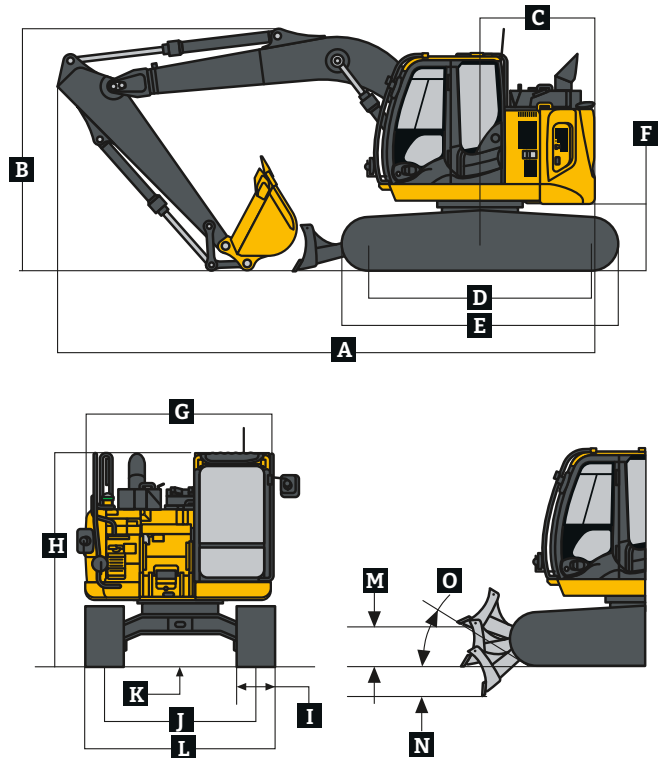


**VISIT SITE NOW >>**

### 135 P-TIER

While general information, pictures, and descriptions are provided, some illustrations and text may include product options and accessories NOT AVAILABLE in all regions, and in some countries products and accessories may require modifications or additions to ensure compliance with the local regulations of those countries.

Machine Dimensions	135 P-TIER
<b>Arm Length</b>	3.01 m (9 ft. 11 in.)
<b>A Overall Length</b>	7.39 m (24 ft. 3 in.)
<b>B Overall Height</b>	2.78 m (9 ft. 1 in.)
<b>C Rear-End Length/Swing Radius</b>	1.49 m (4 ft. 11 in.)
<b>D Distance Between Idler/Sprocket Centerline</b>	2.88 m (9 ft. 5 in.)
<b>E Undercarriage Length</b>	3.58 m (11 ft. 9 in.)
<b>F Counterweight Clearance</b>	840 mm (33 in.)
<b>G Upperstructure Width</b>	2.48 m (8 ft. 2 in.)
<b>H Cab Height</b>	2.87 m (9 ft. 5 in.)
<b>I Track Width</b>	
With Rubber Crawler Pad	500 mm (20 in.)
With Triple-Semi Grouser Shoes	600 mm (24 in.) / 700 mm (28 in.)
<b>J Gauge Width</b>	199 mm (6 ft. 6 in.)
<b>K Ground Clearance</b>	410 mm (16 in.)
<b>L Overall Width</b>	
Rubber Crawler Pad, 500 mm (20 in.)	2.49 m (8 ft. 2 in.)
Triple Semi-Grouser Shoes	
600 mm (24 in.)	2.59 m (8 ft. 6 in.)
700 mm (28 in.)	2.69 m (8 ft. 10 in.)
<b>M Blade Lift Height</b>	460 mm (18 in.)
<b>N Blade Cut Below Grade</b>	540 mm (21 in.)
<b>O Blade Lift Angle</b>	28.5 deg.
<b>Blade</b>	
Length	2.51 m (8 ft. 3 in.)
Height	460 mm (18 in.)
<b>Width</b>	
Rubber Crawler Pad, 500 mm (20 in.)	2.490 mm (8 ft. 2 in.)
Triple Semi-Grouser Shoes	
600 mm (24 in.)	2.490 mm (8 ft. 2 in.)
700 mm (28 in.)	2.690 mm (8 ft. 10 in.)



**VISIT SITE NOW >>**



While general information, pictures, and descriptions are provided, some illustrations and text may include product options and accessories NOT AVAILABLE in all regions, and in some countries products and accessories may require modifications or additions to ensure compliance with the local regulations of those countries.

## 135 P-TIER

### Lift Capacities 135 P-TIER

**Boldface type** indicates hydraulically limited capacity; lightface type indicates stability-limited capacities, in kg (lb.). All lift capacities are based on ISO 10567 (with power boost). Machine equipped with standard counterweight and situated on firm, level, uniform supporting surface. Total load includes weight of cables, hook, etc. Figures do not exceed 87 percent of hydraulic capacities or 75 percent of weight needed to tip machine.

LOAD POINT HEIGHT	HORIZONTAL DISTANCE FROM CENTERLINE OF ROTATION									
	1.5 m (5 ft.)		3.0 m (10 ft.)		4.5 m (15 ft.)		6.0 m (20 ft.)		7.5 m (25 ft.)	
	Over Front	Over Side	Over Front	Over Side	Over Front	Over Side	Over Front	Over Side	Over Front	Over Side
<i>With 3.01-m (9 ft. 11 in.) arm and 500-mm (20 in.) rubber crawler pad, blade on ground, less bucket</i>										
6.0 m (20 ft.)					<b>3120</b>	<b>3120</b>				
					(6,920)	(6,920)				
4.5 m (15 ft.)					<b>3410</b>	<b>3410</b>	<b>3320</b>	2450		
					(7,450)	(7,450)	(7,160)	(5,280)		
3.0 m (10 ft.)			<b>5240</b>	<b>5240</b>	<b>4240</b>	3700	<b>3650</b>	2360		
			(10,980)	(10,980)	(9,210)	(7,980)	(7,970)	(5,090)		
1.5 m (5 ft.)			<b>8340</b>	6240	<b>5280</b>	3420	<b>4090</b>	2240	<b>2510</b>	1590
			(17,960)	(13,450)	(11,430)	(7,380)	(8,900)	(4,840)	(4,460)	(3,420)
Ground Line			<b>6610</b>	5780	<b>6000</b>	3200	<b>4420</b>	2140		
			(15,330)	(12,450)	(12,990)	(6,910)	(9,590)	(4,610)		
-1.5 m (-5 ft.)	<b>4120</b>	<b>4120</b>	<b>8600</b>	5680	<b>6090</b>	3100	<b>4400</b>	2080		
	(9,250)	(9,250)	(19,730)	(12,210)	(13,200)	(6,690)	(9,520)	(4,500)		
-3.0 m (-10 ft.)	<b>7170</b>	<b>7170</b>	<b>8030</b>	5740	<b>5430</b>	3110				
	(16,190)	(16,190)	(17,340)	(12,350)	(11,680)	(6,710)				
-4.5 m (-15 ft.)			<b>5290</b>	<b>5290</b>						
			(11,100)	(11,100)						
<i>With 3.01-m (9 ft. 11 in.) arm and 600-mm (24 in.) triple semi-grouser shoes, blade on ground, less bucket</i>										
6.0 m (20 ft.)					<b>3120</b>	<b>3120</b>				
					(6,920)	(6,920)				
4.5 m (15 ft.)					<b>3410</b>	<b>3410</b>	<b>3320</b>	2420		
					(7,450)	(7,450)	(7,160)	(5,200)		
3.0 m (10 ft.)			<b>5240</b>	<b>5240</b>	<b>4240</b>	3650	<b>3650</b>	2330		
			(10,980)	(10,980)	(9,210)	(7,870)	(7,970)	(5,020)		
1.5 m (5 ft.)			<b>8340</b>	6150	<b>5280</b>	3370	<b>4090</b>	2210	<b>2510</b>	1560
			(17,960)	(13,260)	(11,430)	(7,270)	(8,900)	(4,770)	(4,460)	(3,360)
Ground Line			<b>6610</b>	5690	<b>6000</b>	3150	<b>4420</b>	2100		
			(15,330)	(12,260)	(12,990)	(6,800)	(9,590)	(4,540)		
-1.5 m (-5 ft.)	<b>4120</b>	<b>4120</b>	<b>8600</b>	5590	<b>6090</b>	3050	<b>4400</b>	2050		
	(9,250)	(9,250)	(19,730)	(12,020)	(13,200)	(6,580)	(9,520)	(4,430)		
-3.0 m (-10 ft.)	<b>7170</b>	<b>7170</b>	<b>8030</b>	5650	<b>5430</b>	3060				
	(16,190)	(16,190)	(17,340)	(12,160)	(11,680)	(6,610)				
-4.5 m (-15 ft.)			<b>5290</b>	<b>5290</b>						
			(11,100)	(11,100)						
<i>With 3.01-m (9 ft. 11 in.) arm and 700-mm (28 in.) triple semi-grouser shoes, blade on ground, less bucket</i>										
6.0 m (20 ft.)					<b>3120</b>	<b>3120</b>				
					(6,920)	(6,920)				
4.5 m (15 ft.)					<b>3410</b>	<b>3410</b>	<b>3320</b>	2450		
					(7,450)	(7,450)	(7,160)	(5,270)		
3.0 m (10 ft.)			<b>5240</b>	<b>5240</b>	<b>4240</b>	3690	<b>3650</b>	2360		
			(10,980)	(10,980)	(9,210)	(7,970)	(7,970)	(5,090)		
1.5 m (5 ft.)			<b>8340</b>	6230	<b>5280</b>	3420	<b>4090</b>	2240	<b>2510</b>	1590
			(17,960)	(13,440)	(11,430)	(7,380)	(8,900)	(4,840)	(4,460)	(3,420)
Ground Line			<b>6610</b>	5780	<b>6000</b>	3200	<b>4420</b>	2140		
			(15,330)	(12,440)	(12,990)	(6,900)	(9,590)	(4,610)		
-1.5 m (-5 ft.)	<b>4120</b>	<b>4120</b>	<b>8600</b>	5670	<b>6090</b>	3100	<b>4400</b>	2080		
	(9,250)	(9,250)	(19,730)	(12,200)	(13,200)	(6,680)	(9,520)	(4,500)		
-3.0 m (-10 ft.)	<b>7170</b>	<b>7170</b>	<b>8030</b>	5740	<b>5430</b>	3110				
	(16,190)	(16,190)	(17,340)	(12,340)	(11,680)	(6,710)				
-4.5 m (-15 ft.)			<b>5290</b>	<b>5290</b>						
			(11,100)	(11,100)						



## 135 P-TIER

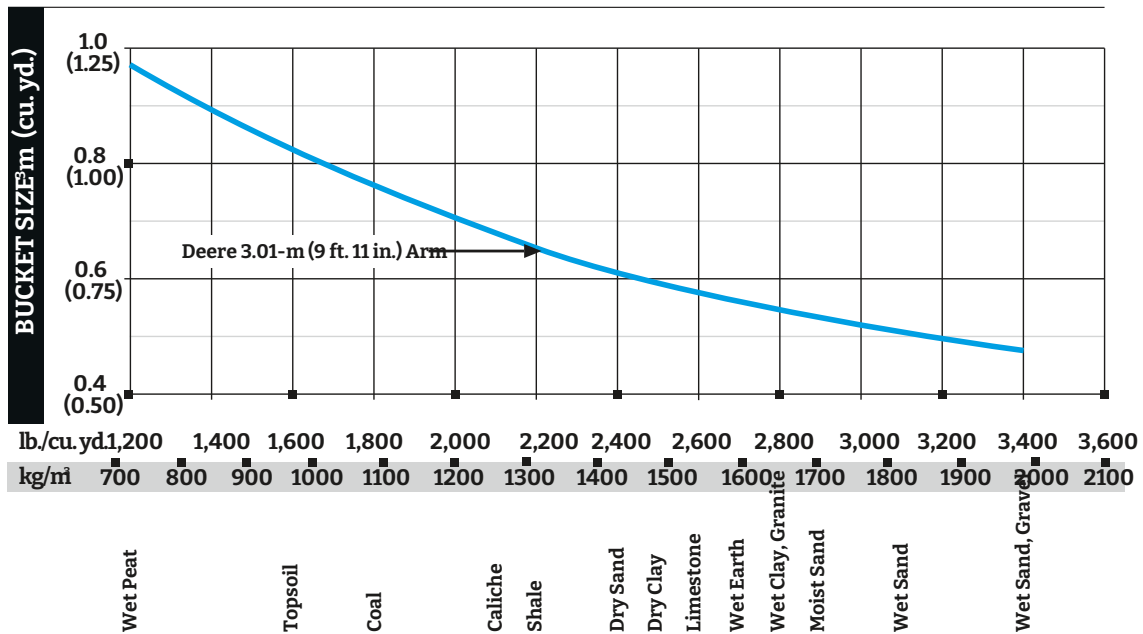
While general information, pictures, and descriptions are provided, some illustrations and text may include product options and accessories NOT AVAILABLE in all regions, and in some countries products and accessories may require modifications or additions to ensure compliance with the local regulations of those countries.

### Buckets 135 P-TIER

A full line of buckets is offered to meet a wide variety of applications. Digging forces are with power boost. Buckets are equipped with John Deere TK-Series Bucket Teeth standard. Replaceable cutting edges and a variety of teeth are available through John Deere Parts. Optional side cutters add 150 mm (6 in.) to bucket widths. Capacities are SAE heaped ratings.

Bucket Type	Bucket Width		Bucket Capacity		Bucket Weight	
	mm	in.	m <sup>3</sup>	cu. yd.	kg	lb.
Heavy Duty	610	24	0.36	0.47	359	791
	762	30	0.49	0.64	397	875
	914	36	0.62	0.81	448	987
	1067	42	0.76	0.99	484	1,065

### Bucket Selection Guide\*



\* Contact your John Deere dealer for optimum bucket and attachment selections. These recommendations are for general conditions and average use. Does not include optional equipment such as thumbs or couplers. Larger buckets may be possible when using light materials, for flat and level operations, less compacted materials, and volume loading applications such as mass-excavation applications in ideal conditions. Smaller buckets are recommended for adverse conditions such as off-level applications, rocks, and uneven surfaces. Bucket capacity indicated is SAE heaped.



**VISIT SITE NOW >>**

## Additional equipment

**Key:** ● Standard ▲ Optional or special  
See your John Deere dealer for further information.

### 135 P Engine

- Auto-idle system
- Automatic belt-tension device
- Batteries (2 - 12 volt)
- Coolant recovery tank
- Dual-element dry-type air filter
- Electronic engine control
- Enclosed fan guard (conforms to SAE J1308)
- Engine coolant to -37 deg. C (-34 deg. F)
- Fuel filter with water separator
- Full-flow oil filter
- Turbocharger with charge-air cooler
- 500-hour engine-oil-change interval
- 70% (35 deg.) off-level capability
- Programmable auto shutdown
- ▲ Severe-duty fuel filter

### Hydraulic System

- Reduced-drift valve for boom down Arm in
- Auxiliary hydraulic valve section
- Spring-applied hydraulically released automatic swing brake
- Auxiliary hydraulic-flow adjustments through monitor
- Auto power lift
- 5,000-hour hydraulic-oil-change interval
- Auxiliary hydraulic lines with hand-controlled proportional control
- ▲ Load-lowering control device
- ▲ Single-pedal propel control
- ▲ Control pattern-change valve

### Undercarriage

- Planetary drive with axial piston motors
- Propel motor shields
- Spring-applied hydraulically released automatic propel brake
- Track guides front idler
- 2-speed propel with automatic shift
- Upper carrier roller (1)
- Sealed and lubricated track chain
- ▲ Rubber crawler pads 500 mm (20 in.)
- ▲ Triple semi-grouser shoes 600 mm (24 in.)
- ▲ Triple semi-grouser shoes 700 mm (28 in.)
- ▲ Undercarriage with blade

### 135 P Upperstructure

- Right-hand left-hand and counterweight mirrors
- Vandal locks with ignition key Cab door / Service doors / Toolbox
- Debris screening
- Remote-mounted engine oil and fuel filters

### Front Attachments

- Centralized lubrication system
- Dirt seals on all bucket pins
- Oil-impregnated bushings
- Reinforced resin thrust plates
- Tungsten carbide thermal coating on arm-to-bucket joint
- Arm 3.01 m (9 ft. 11 in.)
- ▲ Attachment quick-couplers
- ▲ Buckets Ditching / Heavy duty / Heavy-duty high capacity / Side cutters and teeth
- ▲ Material clamps / Hydraulic thumb

### Operator's Station

- Meets ISO 12117-2 for ROPS
- Adjustable independent-control positions levers-to-seat seat-to-pedals
- AM/FM radio
- Auto climate control / air conditioner / heater / pressurizer
- Built-in Operator's Manual storage compartment and manual
- Cell-phone power outlet 12 volt 60 watt 5 amp
- Coat hook
- Deluxe mechanical-suspension cloth seat with 100-mm (4 in.) adjustable armrests
- Floor mat
- Front windshield wiper with intermittent speeds
- Gauges illuminated Diesel Exhaust Fluid (DEF) / Engine coolant / Fuel
- Horn electric
- Hour meter electric
- Hydraulic shutoff lever all controls
- Hydraulic warm-up control
- Interior light
- Large cup holder
- Machine Information Center (MIC)

### 135 P Operator's Station (continued)

- Mode selectors (illuminated): Power modes (3) / Travel modes (2 with automatic shift) / Work mode (1)
- Multifunction, color LCD monitor with: Diagnostic capability / Multiple-language capabilities / Maintenance tracking / Clock / System monitoring with alarm features: Auto-idle indicator, engine air cleaner restriction indicator light, engine check, engine coolant temperature indicator light with audible alarm, engine oil pressure indicator light with audible alarm, low-alternator charge indicator light, low-fuel indicator light, low DEF indication with audible alarm, fault code alert indicator, fuel-rate display, wiper-mode indicator, work-lights-on indicator, and work-mode indicator
- Motion alarm with cancel switch (conforms to SAE J994)
- Power-boost switch on right console lever
- SAE 2-lever control pattern
- Seat belt, 76 mm (3 in.), non-retractable
- Tinted glass
- Transparent tinted overhead hatch
- Hot/cold beverage compartment
- ▲ Hydraulic oil filter restriction indicator light
- ▲ Protection screens for cab front, rear, and side
- ▲ Window vandal-protection covers

### Electrical

- 50-amp alternator
- Blade-type multi-fused circuits
- Positive-terminal battery covers
- JDLink™ wireless communication system (available in specific countries; see your dealer for details)
- ▲ Right rear left 270-deg. camera system with additional LED surround lighting
- Rearview camera

### Lights

- Work lights: LED / 1 mounted on boom / 1 mounted on frame
- ▲ 2 lights mounted on cab / 1 mounted on right side of boom

**VISIT SITE NOW >>**