

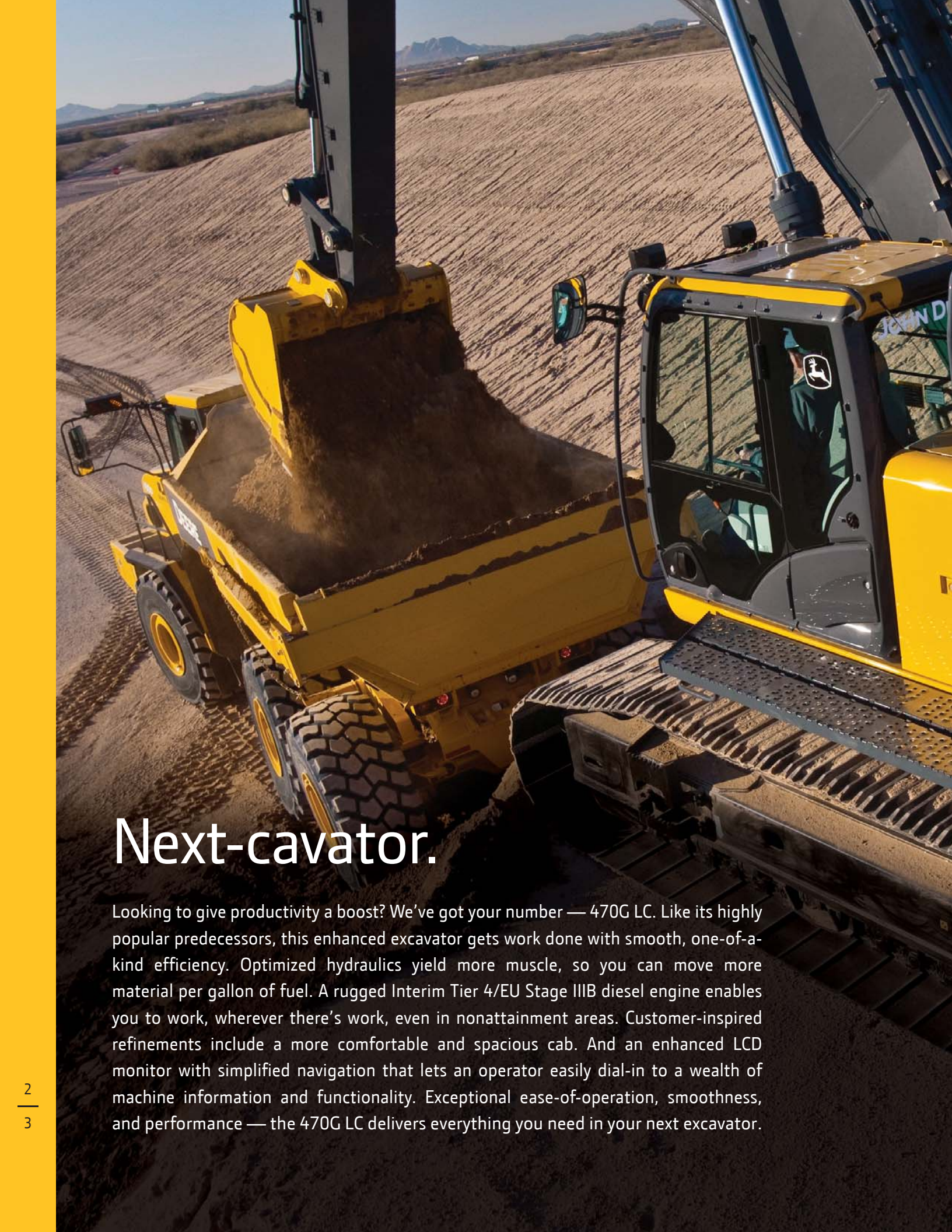
470G LC

47 metric ton



JOHN DEERE





Next-cavator.

Looking to give productivity a boost? We've got your number — 470G LC. Like its highly popular predecessors, this enhanced excavator gets work done with smooth, one-of-a-kind efficiency. Optimized hydraulics yield more muscle, so you can move more material per gallon of fuel. A rugged Interim Tier 4/EU Stage IIIB diesel engine enables you to work, wherever there's work, even in nonattainment areas. Customer-inspired refinements include a more comfortable and spacious cab. And an enhanced LCD monitor with simplified navigation that lets an operator easily dial-in to a wealth of machine information and functionality. Exceptional ease-of-operation, smoothness, and performance — the 470G LC delivers everything you need in your next excavator.

Extended engine and hydraulic oil-service intervals increase uptime and reduce daily operating costs.

The IT4/Stage IIIB technology utilized in the 470G LC's diesel engine is simple, fuel efficient, fully integrated, and fully supported.

Hydraulically driven, highly efficient fan runs only as needed, reducing noise, fuel consumption, and operating costs. Standard reversing feature back-blows cooler cores to keep them clean.

With enhanced visibility, a larger entry-way, additional legroom, and a supportive high-back seat, the 470G LC's refined cab delivers even more convenience and comfort.



470G LC

Net rated power	270 kW (367 hp)
Operating weight	49 420 kg (108,952 lb.)
Lift capacity	14 458 kN (31,298 lb.)
Digging depth	8.28 m (27 ft. 2 in.)
Arm digging force	196–201 kN (44,063–45,187 lb.)
Bucket digging force	256–286 kN (57,551–64,295 lb.)



The perfect combination of brains and brawn.

With an enhanced Powerwise™ III engine/hydraulic management system commanding more horsepower and additional arm and bucket digging force, the 470G LC delivers the smooth control you seek with the muscle you expect. And with advantages such as three power modes, power boost, and JDLink™, this excavator provides everything you need to work smarter and harder, to give productivity an extra push.

Choose from a variety of track widths, arm lengths, buckets, and other production-increasing options.

Powerwise III perfectly balances engine performance and hydraulic flow for predictable operation. Three productivity modes allow you to choose the digging style that fits the job. **High-productivity** delivers more power and faster hydraulic response to move more material. **Power** delivers a balance of power and speed for normal operation. **Economy** limits top speed and helps save fuel.

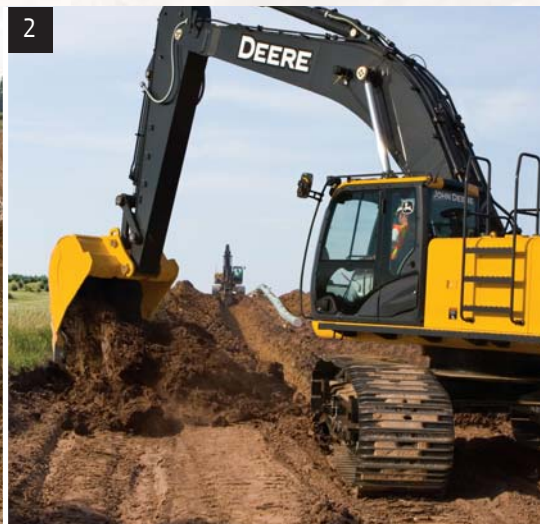
Your 470G LC is standard equipped with JDLink Ultimate, giving you 24/7 online access to its location. Track machine health, utilization, and fuel consumption — valuable information that helps you better understand costs and jobsite performance. Plus, you can help protect your machine from theft by setting up geofence and curfew alerts in your JDLink account.



1. Low-effort joysticks, unmatched metering, and smooth multifunction operation deliver the control and finesse you need for utilities work.

2. Generous flow, arm force, and swing torque help speed cycles. So you can do your best to stay on schedule or ahead of the weather.

3. When the task calls for a little extra, simply press the powerboost button on the right-hand control and muscle through.



Operating ease takes a turn for the better.

Now it's easier than ever for your operators to "dial things up." The 470G LC's refined monitor employs a rotary control that makes it quick and easy to access an abundance of performance and convenience functions and features. Operators will also appreciate the comfortable fabric-covered high-back air-suspension heated seat and increased legroom in the spacious, well-appointed cab. As always, unsurpassed all-round visibility, low-effort joysticks, a highly efficient HVAC system, and numerous other amenities provide all your operators need to tap into their abilities.

With large self-cleaning steps and wide entryways, getting to and from "the office" has never been easier.

Spacious cab is comfortable and noticeably quiet. Silicone-filled mounts effectively isolate operators from noise and vibration.

We've got your back with a sculpted multi-position, air-suspension, heated high-back seat. Seat has 267 mm (10½ in.) of travel, sliding together or independent of the joystick console. So it won't cramp an operator's style.

Ergonomically correct short-throw pilot levers provide smooth, predictable fingertip control with less movement or effort.

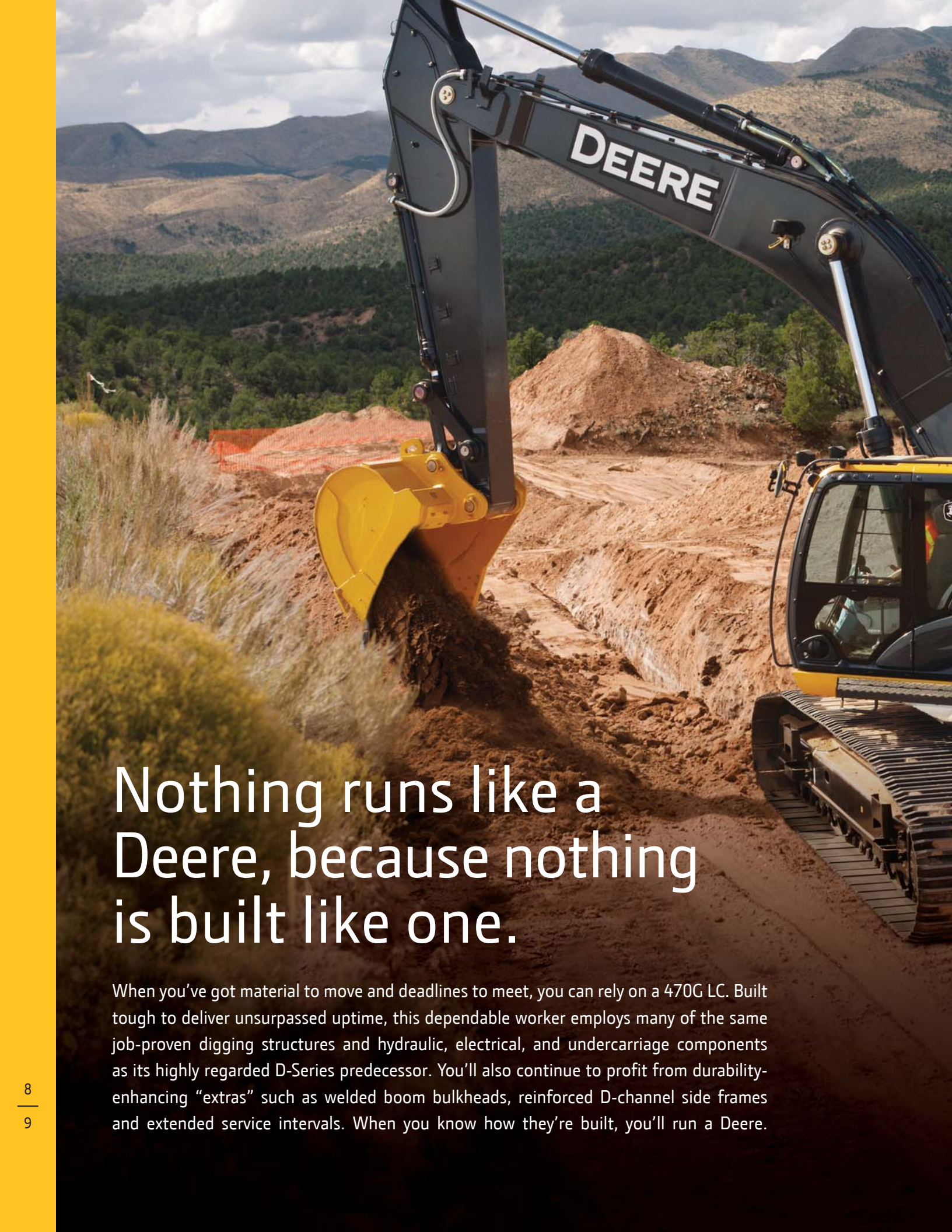
No shortage of storage in here. There's a place for a cooler, cup holders, and even a hot/cold box that keeps food and beverages at just the right temperature.

Lights on the boom, cab, and house provide abundant illumination for work that extends beyond daylight.

1. 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.
2. Wide expanse of front and side glass, narrow front cab posts, large overhead glass, and numerous mirrors provide virtually unobstructed all-around visibility. If you need to see more, dial up the standard camera that displays the activity behind you on the monitor in front of you.
3. Automatic, high-velocity, bi-level climate-control system with automotive-style adjustable louvers helps keep the glass clear and the cab comfortable.







Nothing runs like a Deere, because nothing is built like one.

When you've got material to move and deadlines to meet, you can rely on a 470G LC. Built tough to deliver unsurpassed uptime, this dependable worker employs many of the same job-proven digging structures and hydraulic, electrical, and undercarriage components as its highly regarded D-Series predecessor. You'll also continue to profit from durability-enhancing "extras" such as welded boom bulkheads, reinforced D-channel side frames and extended service intervals. When you know how they're built, you'll run a Deere.

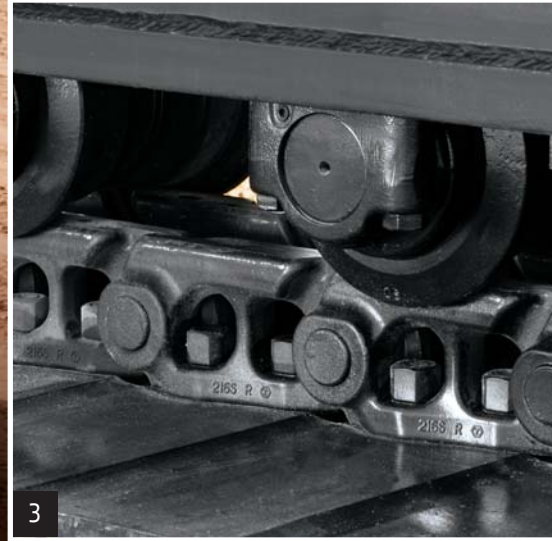
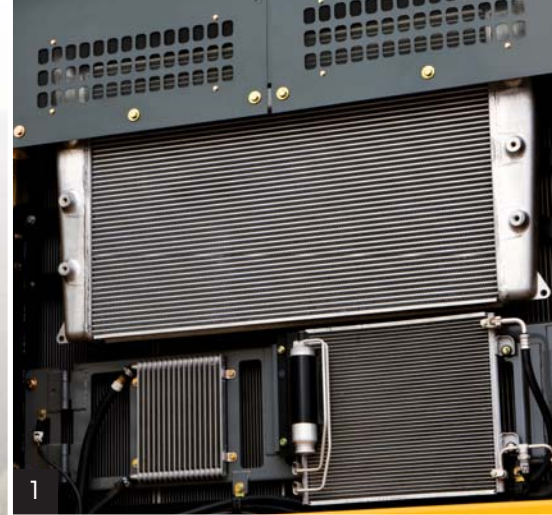


1. Highly efficient, heavy-duty cooling system keeps things cool, even in tough environments or high altitudes. Standard reversing fan back-blows cooler cores to reduce debris buildup.
2. Thick-plate single-sheet mainframe, box-section track frames, and industry-exclusive double-seal swing bearing deliver rock-solid durability.
3. Compare the size of the 470G LC's carrier and bottom rollers, idlers, and sealed and lubricated chain. This is one heavy-duty undercarriage.
4. D-channel side frames resist impacts, providing maximum cab and component protection.

A John Deere exclusive, three welded bulkheads within the boom resist torsional stress for unsurpassed durability. In fact, boom, arm, and mainframe are so tough, they're warranted for three years or 10,000 hours.

Our IT4/Stage IIIB technology is simple, fuel efficient, fully integrated, and fully supported. It employs field-proven cooled exhaust gas recirculation (EGR) for reducing NO_x, and a diesel particulate filter and diesel oxidation catalyst to reduce particulate matter. Periodic active and passive regeneration automatically cleans the filter without impacting machine productivity.

Clipped-corner track grousers make turning easier and exert less stress on undercarriage components for longer life.



You'll become a fan of the 470G LC.

Swing open the side panels and engine cover, and you'll discover many of the numerous ways this excavator minimizes maintenance, increases uptime, and reduces daily operating costs. Take the heavy-duty cooling system, for example. Its hydraulically driven fan runs only as fast or often as needed, reducing fuel consumption and wear-causing debris flow through the cooler cores. As always, grouped service points make quick work of the daily routine. Easy-to-check sight gauges and fluid reservoirs. Quick-change remote-mounted filters. Advanced self-diagnostics — with time- and money-saving advantages such as these, what's not to like about the 470G LC?



Wide, slip-resistant “Deere walk,” sturdy handrails, and self-cleaning steps provide convenient one-side access to the engine service area.

Debris screens behind the heavy-duty side shields help prevent trash entry. Standard reversing fan blows away debris, preventing it from clogging the cooler cores.

Vertical spin-on fuel filters and hydraulic and engine oil filters simplify service and help minimize messes. Filters and checkpoints are conveniently grouped.

Auto-idle automatically reduces engine speed when hydraulics aren’t in use. Auto-shutdown further preserves precious fuel.

Fresh-air cab filter is quickly serviced from outside the cab. Where it’s more likely to get done.

Large fuel tanks and 500- and 4,000-hour engine and hydraulic oil-service intervals decrease downtime for routine maintenance.

Centralized lube banks place difficult-to-lube zerks within easy reach. Convenient color-coded lubrication chart helps ensure that nothing gets overlooked.

1. Easy-to-navigate LCD monitor issues scheduled maintenance alerts. Should a problem arise, it provides diagnostic info and offers possible solutions to decrease downtime.
2. Their unique Turn-Kam retainer enables TK-Series Bucket Teeth to be installed or removed with a simple half-turn of a wrench. The hammerless system is standard on John Deere buckets.
3. IT4/EU Stage IIIB diesel particulate filter is easily removed through the top of the engine compartment. Minimum service interval is 4,500 hours, and can be done by your John Deere dealer.
4. Coolers are well-protected behind heavy-duty hinged doors, yet readily accessible. Swing-out coolers further simply clean-out.

Engine Oil Filter

Previous Maintenance

2011/07/04

0.0 h

Remains

375.8 h

Maintenance Interval

500.0 h



2



3



4



470G LC

Engine	470G LC		
Manufacturer and Model	Isuzu 6UZ1-iT4		
Non-Road Emissions Standard	EPA Interim Tier 4/EU Stage IIIB		
Net Rated Power (ISO 9249)	270 kW (367 hp) at 2,000 rpm		
Cylinders	6		
Displacement	9.8 L (600 cu. in.)		
Off-Level Capacity	70% (35 deg.)		
Aspiration	Turbocharged, air-to-air charge-air cooler		
Cooling			
Cool-on-demand hydraulic-driven, suction-type fan with remote-mounted drive			
Powertrain			
2-speed propel with automatic shift			
Maximum Travel Speed			
Low	3.9 km/h (2.4 mph)		
High	5.5 km/h (3.4 mph)		
Drawbar Pull	37 219 kg (82,054 lb.)		
Hydraulics			
Open center, load sensing			
Main Pumps	2 variable-displacement pumps		
Maximum Rated Flow	400 L/m (106 gpm) x 2		
Pilot Pump	One gear		
Maximum Rated Flow	30 L/m (7.9 gpm)		
Pressure Setting	3900 kPa (566 psi)		
System Operating Pressure			
Circuits			
Implement	31 900 kPa (4,627 psi)		
Travel	35 300 kPa (5,120 psi)		
Swing	28 400 kPa (4,119 psi)		
Power Boost	35 300 kPa (5,120 psi)		
Controls	Pilot levers, short stroke, low-effort hydraulic pilot controls with shutoff lever		
Cylinders			
Heat-treated, chrome-plated, polished cylinder rods; hardened steel (replaceable bushings) pivot pins			
	<i>Bore</i>	<i>Rod Diameter</i>	<i>Stroke</i>
Boom (2)	170 mm (6.7 in.)	115 mm (4.5 in.)	1590 mm (62.6 in.)
Arm (1)	190 mm (7.5 in.)	130 mm (5.1 in.)	1940 mm (76.4 in.)
Bucket (1)	170 mm (6.7 in.)	120 mm (4.7 in.)	1325 mm (52.2 in.)
Electrical			
Number of Batteries (12 volt)	2		
Battery Capacity	500 CCA		
Alternator Rating	50 amp		
Work Lights	5 halogen (one mounted on frame, 2 mounted on boom, and 2 mounted on top of cab)		
Undercarriage			
Rollers (each side)			
Carrier	3		
Track	9		
Shoes, Triple Semi-Grousers (each side)	53		
Track			
Adjustment	Hydraulic		
Guides	Front and center		
Chain	Sealed and lubricated		
Ground Pressure			
Triple Semi-Grouser Shoes			
750 mm (30 in.)	72.4 kPa (10.1 psi)		
900 mm (36 in.)	60.7 kPa (8.6 psi)		
Swing Mechanism			
Speed	9.5 rpm		
Torque	148 000 Nm (109,159 lb.-ft.)		



Serviceability 470G LC

Refill Capacities	
Fuel Tank	725 L (192 gal.)
Cooling System	52 L (14 gal.)
Engine Oil with Filter	41 L (11 gal.)
Hydraulic Tank	310 L (82 gal.)
Hydraulic System	510 L (135 gal.)
Gearbox	
Swing (each)	6.5 L (1.7 gal.)
Travel (each)	11 L (2.9 gal.)

Operating Weights

With full fuel tank; 79-kg (175 lb.) operator; 2.34-m³ (3.06 cu. yd.), 1370-mm (54 in.), 2031-kg (4,478 lb.) bucket; 3.9-m (12 ft. 10 in.) arm; 9111-kg (20,086 lb.) counterweight; and 900-mm (36 in.) triple semi-grouser shoes

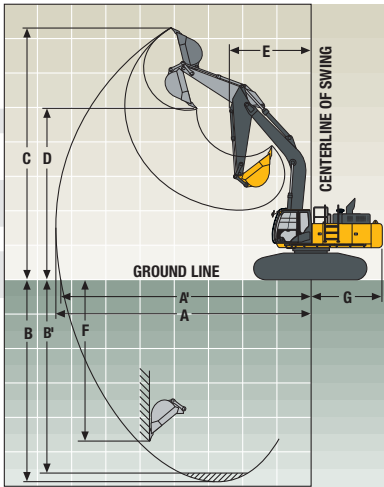
SAE Operating Weight	49 420 kg (108,952 lb.)
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Component Weights

Undercarriage with Triple Semi-Grouser Shoes	
750 mm (30 in.)	18 323 kg (40,395 lb.)
900 mm (36 in.)	19 003 kg (41,894 lb.)
7-m (23 ft. 0 in.) One-Piece Boom (with arm cylinder)	4290 kg (9,458 lb.)
Arm with Bucket Cylinder and Linkage	
2.9 m (9 ft. 6 in.)	2400 kg (5,291 lb.)
2.9-m (9 ft. 6 in.) with 6.3-m (20 ft. 7 in.) Mass-Excavating Boom	2400 kg (5,291 lb.)
3.4 m (11 ft. 2 in.)	2330 kg (5,137 lb.)
3.9 m (12 ft. 10 in.)	2640 kg (5,820 lb.)
4.9 m (16 ft. 1 in.)	1850 kg (4,079 lb.)
Boom-Lift Cylinders (2), Total Weight	840 kg (1,853 lb.)
2.34-m ³ (3.06 cu. yd.), 1370-mm (54 in.) Heavy-Duty High-Capacity Bucket	2031 kg (4,478 lb.)
Counterweight, Standard	9111 kg (20,086 lb.)

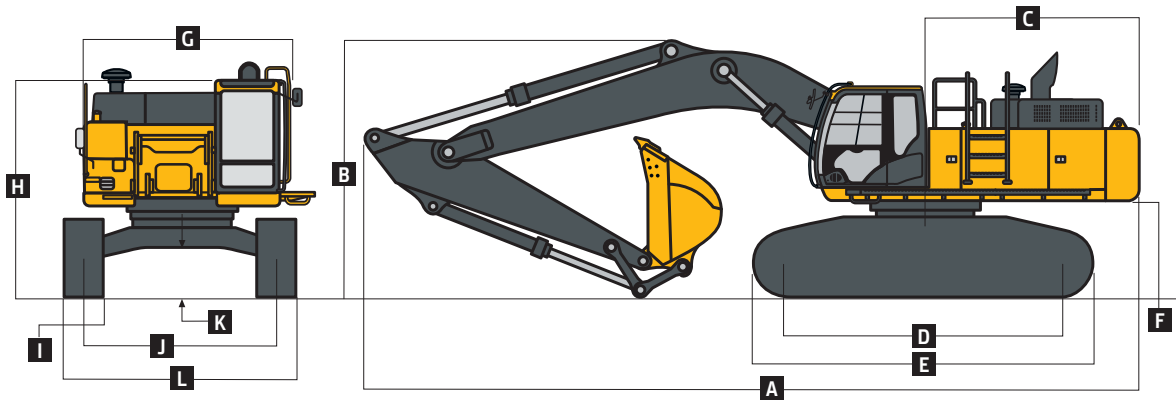
Operating Dimensions

Arm Length	2.9 m (9 ft. 6 in.)	2.9 m (9 ft. 6 in.) w/ 6.3-m (20 ft. 7 in.) Mass-Excavating Boom	3.4 m (11 ft. 2 in.)	3.9 m (12 ft. 10 in.)	4.9 m (16 ft. 1 in.)
Arm Digging Force					
SAE	252 kN (56,652 lb.)	249 kN (55,977 lb.)	215 kN (48,334 lb.)	196 kN (44,063 lb.)	175 kN (39,342 lb.)
ISO	259 kN (58,226 lb.)	256 kN (57,551 lb.)	222 kN (49,908 lb.)	201 kN (45,187 lb.)	177 kN (39,791 lb.)
Bucket Digging Force					
SAE	254 kN (57,101 lb.)	257 kN (57,776 lb.)	256 kN (57,551 lb.)	256 kN (57,551 lb.)	213 kN (47,884 lb.)
ISO	285 kN (64,071 lb.)	285 kN (64,071 lb.)	286 kN (64,295 lb.)	286 kN (64,295 lb.)	238 kN (53,505 lb.)
Lifting Capacity Over Front at Ground Level 7.5-m (25 ft.) Reach (with power boost)	14 573 kg (31,155 lb.)	14 751 kg (31,904 lb.)	14 680 kg (31,653 lb.)	14 458 kg (31,298 lb.)	14 609 kg (31,660 lb.)
A Maximum Reach	11.40 m (37 ft. 5 in.)	10.87 m (35 ft. 8 in.)	12.07 m (39 ft. 7 in.)	12.50 m (41 ft. 0 in.)	13.34 m (43 ft. 9 in.)
A' Maximum Reach at Ground Level	11.18 m (36 ft. 8 in.)	10.62 m (34 ft. 10 in.)	11.84 m (38 ft. 10 in.)	12.27 m (40 ft. 3 in.)	13.13 m (43 ft. 1 in.)
B Maximum Digging Depth	7.29 m (23 ft. 11 in.)	6.22 m (20 ft. 5 in.)	7.77 m (25 ft. 6 in.)	8.28 m (27 ft. 2 in.)	9.12 m (29 ft. 11 in.)
B' Maximum Digging Depth at 2.44-m (8 ft. 0 in.) Flat Bottom	7.09 m (23 ft. 3 in.)	6.07 m (19 ft. 11 in.)	7.62 m (25 ft. 0 in.)	8.13 m (26 ft. 8 in.)	8.99 m (29 ft. 6 in.)
C Maximum Cutting Height	10.26 m (33 ft. 8 in.)	10.87 m (35 ft. 8 in.)	11.05 m (36 ft. 3 in.)	11.05 m (36 ft. 7 in.)	11.73 m (38 ft. 6 in.)
D Maximum Dumping Height	7.04 m (23 ft. 1 in.)	7.34 m (24 ft. 1 in.)	7.65 m (25 ft. 1 in.)	7.77 m (25 ft. 6 in.)	8.66 m (28 ft. 5 in.)
E Minimum Swing Radius	5.03 m (16 ft. 6 in.)	3.94 m (12 ft. 11 in.)	4.83 m (15 ft. 10 in.)	4.80 m (15 ft. 9 in.)	4.85 m (15 ft. 11 in.)
F Maximum Vertical Wall	5.26 m (17 ft. 3 in.)	5.03 m (16 ft. 6 in.)	6.58 m (21 ft. 7 in.)	6.99 m (22 ft. 11 in.)	8.41 m (27 ft. 7 in.)
G Tail-Swing Radius	3.68 m (12 ft. 1 in.)	3.68 m (12 ft. 1 in.)	3.68 m (12 ft. 1 in.)	3.68 m (12 ft. 1 in.)	3.68 m (12 ft. 1 in.)



Machine Dimensions 470G LC

A Overall Length with Arm	
2.9 m (9 ft. 6 in.)	12.10 m (39 ft. 8 in.)
3.4 m (11 ft. 2 in.)	12.01 m (39 ft. 5 in.)
3.9 m (12 ft. 10 in.)	12.01 m (39 ft. 5 in.)
4.9 m (16 ft. 1 in.)	12.00 m (39 ft. 4 in.)
2.9 m (9 ft. 6 in.) with 6.3-m (20 ft. 7 in.) Boom	11.33 m (37 ft. 2 in.)
B Overall Height with Arm	
2.9 m (9 ft. 6 in.)	3.60 m (11 ft. 10 in.)
3.4 m (11 ft. 2 in.)	3.48 m (11 ft. 5 in.)
3.9 m (12 ft. 10 in.)	3.50 m (11 ft. 6 in.)
4.9 m (16 ft. 1 in.)	4.55 m (14 ft. 11 in.)
2.9 m (9 ft. 6 in.) with 6.3-m (20 ft. 7 in.) Boom	4.55 m (14 ft. 11 in.)
C Rear-End Length/Swing Radius	3.66 m (12 ft. 0 in.)
D Distance Between Idler/Sprocket Centerline	4.47 m (14 ft. 8 in.)
E Undercarriage Length	5.47 m (17 ft. 11 in.)
F Counterweight Clearance	1.36 m (4 ft. 6 in.)
G Upperstructure Width	3.48 m (11 ft. 5 in.)
H Cab Height	3.44 m (11 ft. 3 in.)
I Track Width with Triple Semi-Grouser Shoes	750 mm (30 in.) / 900 mm (36 in.)
J Gauge Width	
Operating Position	2.89 m (9 ft. 6 in.)
Transport Position	2.39 m (7 ft. 10 in.)
K Ground Clearance	0.74 m (29 in.)
L Overall Width with Triple Semi-Grouser Shoes	
750 mm (30 in.)	
Operating Position	3.64 m (11 ft. 11 in.)
Transport Position	3.14 m (10 ft. 4 in.)
900 mm (36 in.)	
Operating Position	3.79 m (12 ft. 5 in.)
Transport Position	3.29 m (10 ft. 10 in.)



Lift Capacities

470G LC

Boldface type indicates hydraulically limited capacity; lightface type indicates stability-limited capacities, in kg (lb.). Ratings at bucket lift hook; machine equipped with standard gauge and situated on firm, 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. All lift capacities are based on ISO 10567 (with power boost).

Load Point Height	3.0 m (10 ft.)		4.5 m (15 ft.)		6.0 m (20 ft.)		7.5 m (25 ft.)		9.0 m (30 ft.)	
Horizontal Distance from Centerline of Rotation	Over Front	Over Side	Over Front	Over Side	Over Front	Over Side	Over Front	Over Side	Over Front	Over Side

With 2.3-m³ (3.0 cu. yd.) bucket, 2.9-m (9 ft. 6 in.) arm, 7.0-m (23 ft. 0 in.) boom, and 750-mm (30 in.) triple semi-grouser shoes

6.0 m (20 ft.)					13 260	13 260	11 449	9657		
					(28,671)	(28,671)	(24,907)	(20,721)		
4.5 m (15 ft.)			21 095	21 095	15 269	13 457	12 437	9284	10 828	6648
			(45,104)	(45,104)	(32,927)	(29,013)	(26,956)	(19,958)	(23,592)	(14,212)
3.0 m (10 ft.)					17 260	12 566	13 499	8847	11 040	6456
					(37,239)	(27,102)	(29,220)	(19,033)	(23,690)	(13,835)
1.5 m (5 ft.)					18 538	11 898	14 298	8468	10 830	6266
					(40,090)	(25,647)	(30,949)	(18,219)	(23,258)	(13,443)
Ground Line			18 039	18 039	18 812	11 564	14 351	8226	10 694	6143
			(42,241)	(39,198)	(40,753)	(24,892)	(30,842)	(17,696)	(22,982)	(13,193)
-1.5 m (-5 ft.)	14 413	14 413	23 409	18 367	18 099	11 502	14 111	8152		
	(32,776)	(32,776)	(50,927)	(39,402)	(39,217)	(24,746)	(30,480)	(17,541)		
-3.0 m (-10 ft.)	25 093	25 093	20 682	18 683	16 290	11 665	12 510	8270		
	(54,805)	(54,805)	(44,876)	(40,123)	(35,176)	(25,108)	(26,739)	(17,825)		
-4.5 m (-15 ft.)			16 295	16 295	12 694	12 083				
			(34,963)	(34,963)	(26,891)	(26,066)				

With 2.1-m³ (2.7 cu. yd.) bucket, 3.4-m (11 ft. 2 in.) arm, 7.0-m (23 ft. 0 in.) boom, and 750-mm (30 in.) triple semi-grouser shoes

7.5 m (25 ft.)							10 335	10 188		
							(22,646)	(21,816)		
6.0 m (20 ft.)							10 987	9955	9758	7069
							(23,912)	(21,387)	(18,914)	(15,093)
4.5 m (15 ft.)			19 594	19 594	14 576	13 815	12 040	9539	10 575	6906
			(41,944)	(41,944)	(31,447)	(29,774)	(26,107)	(20,517)	(23,039)	(14,803)
3.0 m (10 ft.)			21 702	20 126	16 767	12 932	13 215	9074	11 160	6662
			(51,716)	(43,428)	(36,172)	(27,877)	(28,612)	(19,527)	(24,158)	(14,296)
1.5 m (5 ft.)			13 627	13 627	18 386	12 235	14 186	8666	10 994	6432
			(32,937)	(32,937)	(39,733)	(26,354)	(30,708)	(18,646)	(23,622)	(13,810)
Ground Line			16 689	16 689	19 039	11 830	14 505	8384	10 812	6267
			(38,952)	(38,952)	(41,217)	(25,456)	(31,172)	(18,034)	(23,241)	(13,464)
-1.5 m (-5 ft.)	11 830	11 830	23 687	18 649	18 681	11 682	14 359	8254	10 748	6209
	(26,863)	(26,863)	(53,966)	(40,030)	(40,459)	(25,124)	(30,858)	(17,756)	(23,126)	(13,359)
-3.0 m (-10 ft.)	20 254	20 254	22 444	18 851	17 255	11 741	13 353	8291		
	(45,888)	(45,888)	(48,647)	(40,469)	(37,283)	(25,257)	(28,699)	(17,853)		
-4.5 m (-15 ft.)	23 556	23 556	18 530	18 530	14 342	12 014				
	(50,798)	(50,798)	(39,855)	(39,855)	(30,645)	(25,882)				

With 1.9-m³ (2.5 cu. yd.) bucket, 3.9-m (12 ft. 10 in.) arm, 7.0-m (23 ft. 0 in.) boom, and 750-mm (30 in.) triple semi-grouser shoes

6.0 m (20 ft.)							10 295	10 103	9527	7189
							(22,408)	(21,706)	(19,672)	(15,372)
4.5 m (15 ft.)					13 637	13 637	11 407	9657	10 076	6975
					(29,432)	(29,432)	(24,737)	(20,769)	(21,943)	(14,955)
3.0 m (10 ft.)			22 517	20 602	15 939	13 107	12 669	9152	10 752	6698
			(48,350)	(44,432)	(34,392)	(28,247)	(27,432)	(19,692)	(23,352)	(14,373)
1.5 m (5 ft.)			18 454	18 454	17 802	12 311	13 775	8692	11 004	6431
			(44,111)	(41,263)	(38,465)	(26,515)	(29,821)	(18,700)	(23,640)	(13,806)
Ground Line			18 470	18 470	18 781	11 802	14 458	8354	10 777	6226
			(42,923)	(39,880)	(40,645)	(25,396)	(31,124)	(17,966)	(23,161)	(13,371)
-1.5 m (-5 ft.)	11 929	11 929	23 287	18 419	18 772	11 569	14 276	8170	10 661	6121
	(26,990)	(26,990)	(53,593)	(39,541)	(40,647)	(24,881)	(30,676)	(17,569)	(22,924)	(13,156)
-3.0 m (-10 ft.)	18 594	18 594	23 454	18 544	17 736	11 562	13 748	8150		
	(42,054)	(42,054)	(50,813)	(39,811)	(38,341)	(24,869)	(29,622)	(17,539)		
-4.5 m (-15 ft.)	26 695	26 695	20 089	18 903	15 402	11 766	11 616	8331		
	(57,601)	(57,601)	(43,277)	(40,612)	(33,049)	(25,336)	(24,589)	(17,976)		
-6.0 m (-20 ft.)			14 467	14 467	10 680	10 680				
			(30,449)	(30,449)	(21,930)	(21,930)				

Lift Capacities (continued)

470G LC

Boldface type indicates hydraulically limited capacity; lightface type indicates stability-limited capacities, in kg (lb.). Ratings at bucket lift hook; machine equipped with standard gauge and situated on firm, 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. All lift capacities are based on ISO 10567 (with power boost).

Load Point Height	3.0 m (10 ft.)		4.5 m (15 ft.)		6.0 m (20 ft.)		7.5 m (25 ft.)		9.0 m (30 ft.)	
	Over Front	Over Side	Over Front	Over Side	Over Front	Over Side	Over Front	Over Side	Over Front	Over Side
<i>With 1.4-m³ (1.8 cu. yd.) bucket, 4.9-m (16 ft. 1 in.) arm, 7.0-m (23 ft. 0 in.) boom, and 750-mm (30 in.) triple semi-grouser shoes</i>										
4.5 m (15 ft.)							10 672	10 596		
							(23,183)	(22,810)		
3.0 m (10 ft.)			19 781	19 781	14 759	14 297	12 132	10 058	10 542	7471
			(42,525)	(42,525)	(31,891)	(30,818)	(26,307)	(21,660)	(22,923)	(16,061)
1.5 m (5 ft.)			24 055	20 733	17 131	13 370	13 534	9530	11 380	7154
			(51,893)	(44,650)	(37,044)	(28,814)	(29,333)	(20,524)	(24,711)	(15,385)
Ground Line	7330	7330	21 015	19 618	18 787	12 676	14 609	9097	11 444	6883
	(16,703)	(16,703)	(48,935)	(42,191)	(40,673)	(27,301)	(31,660)	(19,587)	(24,614)	(14,805)
-1.5 m (-5 ft.)	10 854	10 854	22 092	19 115	19 508	12 262	14 921	8805	11 236	6695
	(24,546)	(24,546)	(50,828)	(41,075)	(42,260)	(26,395)	(32,080)	(18,956)	(24,172)	(14,404)
-3.0 m (-10 ft.)	15 439	15 439	25 948	18 998	19 251	12 092	14 764	8667	11 146	6613
	(34,915)	(34,915)	(56,211)	(40,815)	(41,672)	(26,028)	(31,749)	(18,663)	(23,995)	(14,243)
-4.5 m (-15 ft.)	21 400	21 400	23 700	19 153	17 905	12 132	13 951	8690	10 786	6678
	(48,562)	(48,562)	(51,190)	(41,163)	(38,620)	(26,128)	(29,989)	(18,732)	(22,854)	(14,424)
-6.0 m (-20 ft.)	27 001	27 001	19 754	19 568	15 050	12 389	11 291	8921		
	(57,746)	(57,746)	(42,256)	(42,101)	(32,059)	(26,725)	(23,629)	(19,295)		
<i>With 2.5-m³ (3.3 cu. yd.) bucket, 2.9-m (9 ft. 6 in.) BE arm, 6.3-m (20 ft. 7 in.) BE boom, and 750-mm (30 in.) triple semi-grouser shoes</i>										
7.5 m (25 ft.)					12 475	12 475				
					(27,346)	(27,346)				
6.0 m (20 ft.)					13 439	13 439	12 062	9625		
					(29,186)	(29,186)	(24,663)	(20,585)		
4.5 m (15 ft.)			19 862	19 862	15 216	13 838	12 812	9386		
			(42,654)	(42,654)	(32,909)	(29,780)	(27,855)	(20,137)		
3.0 m (10 ft.)			24 017	20 523	17 196	13 042	13 777	9026		
			(51,680)	(44,277)	(37,161)	(28,089)	(29,875)	(19,390)		
1.5 m (5 ft.)			26 227	19 251	18 661	12 368	14 546	8682		
			(56,710)	(41,443)	(40,370)	(26,629)	(31,508)	(18,659)		
Ground Line			26 141	18 810	19 124	11 973	14 627	8452		
			(56,721)	(40,420)	(41,415)	(25,761)	(31,423)	(18,170)		
-1.5 m (-5 ft.)	22 396	22 396	24 445	18 842	18 359	11 868	13 958	8397		
	(50,640)	(50,640)	(53,062)	(40,462)	(39,723)	(25,531)	(30,009)	(18,071)		
-3.0 m (-10 ft.)	27 189	27 189	21 063	19 194	15 942	12 043				
	(59,024)	(59,024)	(45,537)	(41,236)	(34,232)	(25,933)				
<i>With 2.3-m³ (3.0 cu. yd.) bucket, 2.9-m (9 ft. 6 in.) arm, 7.0-m (23 ft. 0 in.) boom, and 900-mm (36 in.) triple semi-grouser shoes</i>										
6.0 m (20 ft.)					13 260	13 260	11 449	9786		
					(28,563)	(28,563)	(24,907)	(20,997)		
4.5 m (15 ft.)			21 095	21 095	15 269	13 630	12 437	9413	10 828	6751
			(44,914)	(44,914)	(32,752)	(29,186)	(26,864)	(20,137)	(23,592)	(14,433)
3.0 m (10 ft.)					17 260	12 738	13 499	8976	11 213	6560
					(37,080)	(27,295)	(29,087)	(19,170)	(24,025)	(14,022)
1.5 m (5 ft.)					18 538	12 071	14 298	8597	11 003	6369
					(39,981)	(25,898)	(30,807)	(18,347)	(23,555)	(13,595)
Ground Line			18 039	18 039	18 812	11 736	14 573	8355	10 868	6246
			(42,034)	(39,907)	(40,680)	(25,181)	(31,155)	(17,827)	(23,270)	(13,337)
-1.5 m (-5 ft.)	14 413	14 413	23 409	18 627	18 099	11 675	14 111	8281		
	(32,616)	(32,616)	(51,053)	(40,120)	(39,135)	(25,025)	(30,339)	(17,670)		
-3.0 m (-10 ft.)	20 093	25 093	20 682	18 943	16 290	11 838	12 510	8399		
	(54,980)	(54,980)	(44,931)	(40,752)	(35,052)	(25,339)	(26,597)	(17,956)		
-4.5 m (-15 ft.)			16 295	16 295	12 694	12 256				
			(34,880)	(34,880)	(26,722)	(26,248)				
<i>With 2.7-m³ (2.1 cu. yd.) bucket, 3.4-m (11 ft. 2 in.) arm, 7.0-m (23 ft. 0 in.) boom, and 900-mm (36 in.) triple semi-grouser shoes</i>										
7.5 m (25 ft.)							10 335	10 317		
							(22,646)	(22,095)		
6.0 m (20 ft.)							10 987	10 084	9758	7173
							(23,912)	(21,666)	(18,914)	(15,316)
4.5 m (15 ft.)			19 594	19 594	14 576	13 988	12 040	9668	10 575	7009
			(41,944)	(41,944)	(31,447)	(30,146)	(26,107)	(20,796)	(23,039)	(15,026)
3.0 m (10 ft.)			21 702	20 386	16 767	13 105	13 215	9204	11 160	6765
			(51,716)	(43,987)	(36,172)	(28,249)	(28,612)	(19,806)	(24,237)	(14,519)
1.5 m (5 ft.)			13 627	13 627	18 386	12 408	14 186	8795	11 168	6535
			(32,937)	(32,937)	(39,733)	(26,726)	(30,708)	(18,925)	(23,998)	(14,033)
Ground Line			16 689	16 689	19 039	12 002	14 680	8513	10 986	6370
			(38,952)	(38,952)	(41,217)	(25,828)	(31,653)	(18,313)	(23,616)	(13,687)
-1.5 m (-5 ft.)	11 830	11 830	23 687	18 909	18 681	11 854	14 494	8383	10 922	6312
	(26,863)	(26,863)	(53,966)	(40,589)	(40,459)	(25,496)	(31,335)	(18,035)	(23,501)	(13,582)
-3.0 m (-10 ft.)	20 254	20 254	22 444	19 111	17 255	11 913	13 353	8420		
	(45,888)	(45,888)	(48,647)	(41,028)	(37,283)	(25,629)	(28,699)	(18,132)		
-4.5 m (-15 ft.)	23 556	23 556	18 530	18 530	14 342	12 186				
	(50,798)	(50,798)	(39,855)	(39,855)	(30,645)	(26,255)				

Lift Capacities (continued)

470G LC

Boldface type indicates hydraulically limited capacity; lightface type indicates stability-limited capacities, in kg (lb.). Ratings at bucket lift hook; machine equipped with standard gauge and situated on firm, 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. All lift capacities are based on ISO 10567 (with power boost).

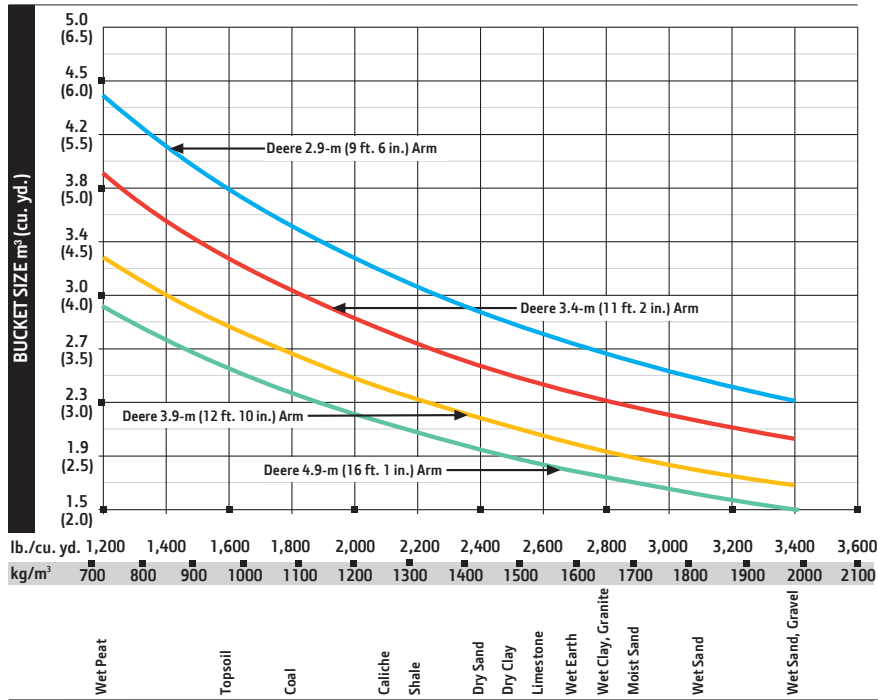
Load Point Height	3.0 m (10 ft.)		4.5 m (15 ft.)		6.0 m (20 ft.)		7.5 m (25 ft.)		9.0 m (30 ft.)	
Horizontal Distance from Centerline of Rotation	Over Front	Over Side	Over Front	Over Side	Over Front	Over Side	Over Front	Over Side	Over Front	Over Side
<i>With 1.9-m³ (2.5 cu. yd.) bucket, 3.9-m (12 ft. 10 in.) arm, 7.0-m (23 ft. 0 in.) boom, and 900-mm (36 in.) triple semi-grouser shoes</i>										
6.0 m (20 ft.)							10 295	10 232	9527	7292
							(22,408)	(21,985)	(19,672)	(15,595)
4.5 m (15 ft.)					13 637	13 637	11 407	9786	10 076	7078
					(29,432)	(29,432)	(24,737)	(21,048)	(21,943)	(15,178)
3.0 m (10 ft.)			22 517	20 862	15 939	13 279	12 669	9281	10 752	6801
			(48,350)	(44,991)	(34,392)	(28,619)	(27,432)	(19,971)	(23,352)	(14,596)
1.5 m (5 ft.)			18 454	18 454	17 802	12 483	13 775	8821	11 177	6534
			(44,111)	(41,822)	(38,465)	(26,887)	(29,821)	(18,979)	(24,016)	(14,030)
Ground Line			18 470	18 470	18 781	11 974	14 458	8483	10 951	6329
			(42,923)	(40,439)	(40,645)	(25,768)	(31,298)	(18,245)	(23,536)	(13,594)
-1.5 m (-5 ft.)	11 929	11 929	23,287	18 679	18 772	11 742	14 500	8299	10 835	6224
	(26,990)	(26,990)	(53,593)	(40,100)	(40,647)	(25,254)	(31,157)	(17,849)	(23,299)	(13,379)
-3.0 m (-10 ft.)	18 594	18 594	23 454	18 804	17 736	11 735	13 748	8279		
	(42,054)	(42,054)	(50,813)	(40,370)	(38,341)	(25,241)	(29,622)	(17,818)		
-4.5 m (-15 ft.)	26 695	26 695	20 089	19 163	15 402	11 939	11 616	8460		
	(57,601)	(57,601)	(43,277)	(41,171)	(33,049)	(25,708)	(24,589)	(18,255)		
-6.0 m (-20 ft.)			14 467	14 467	10 680	10 680				
			(30,449)	(30,449)	(21,930)	(21,930)				
<i>With 1.4-m³ (1.8 cu. yd.) bucket, 4.9-m (16 ft. 1 in.) arm, 7.0-m (23 ft. 0 in.) boom, and 900-mm (36 in.) triple semi-grouser shoes</i>										
4.5 m (15 ft.)							10 672	10 672		
							(23,183)	(23,089)		
3.0 m (10 ft.)			19 781	19 781	14 759	14 469	12 132	10 187	10 542	7574
			(42,525)	(42,525)	(31,891)	(31,190)	(26,307)	(21,939)	(22,923)	(16,285)
1.5 m (5 ft.)			24 055	20 993	17 131	13 543	13 534	9659	11 380	7257
			(51,893)	(45,209)	(37,044)	(29,186)	(29,333)	(20,803)	(24,711)	(15,608)
Ground Line	7330	7330	21 015	19 877	18 787	12 849	14 609	9226	11 618	6987
	(16,703)	(16,703)	(48,935)	(42,750)	(40,673)	(27,674)	(31,660)	(19,866)	(24,989)	(15,028)
-1.5 m (-5 ft.)	10 854	10 854	22 092	19 375	19 508	12 434	15 144	8934	11 410	6798
	(24,546)	(24,546)	(50,828)	(41,634)	(42,260)	(26,768)	(32,561)	(19,235)	(24,547)	(14,627)
-3.0 m (-10 ft.)	15 439	15 439	25 948	19 258	19 251	12 265	14 987	8796	11 320	6717
	(34,915)	(34,915)	(56,211)	(41,374)	(41,672)	(26,401)	(32,231)	(18,942)	(24,370)	(14,466)
-4.5 m (-15 ft.)	15 885	15 885	21 400	21 400	23 700	19 413	17 905	12 305	13 951	8819
	(48,562)	(48,562)	(51,190)	(41,722)	(38,620)	(26,501)	(29,989)	(19,011)	(22,854)	(14,647)
-6.0 m (-20 ft.)	27 001	27 001	19 754	19 754	15 050	12 562	11 291	9050		
	(57,746)	(57,746)	(42,256)	(42,256)	(32,059)	(27,097)	(23,629)	(19,574)		
<i>With 2.5-m³ (3.3 cu. yd.) bucket, 2.9-m (9 ft. 6 in.) BE arm, 6.3-m (20 ft. 7 in.) BE boom, and 900-mm (36 in.) triple semi-grouser shoes</i>										
7.5 m (25 ft.)					12 475	12 475				
					(27,346)	(27,346)				
6.0 m (20 ft.)					13 439	13 439	12 062	9754		
					(29,186)	(29,186)	(24,663)	(20,864)		
4.5 m (15 ft.)			19 862	19 862	15 216	14 010	12 812	9515		
			(42,654)	(42,654)	(32,909)	(30,152)	(27,855)	(20,416)		
3.0 m (10 ft.)			24 017	20 783	17 196	13 215	13 777	9155		
			(51,680)	(44,836)	(37,161)	(28,461)	(29,875)	(19,669)		
1.5 m (5 ft.)			26 227	19 511	18 661	12 541	14 546	8811		
			(56,710)	(42,002)	(40,370)	(27,001)	(31,508)	(18,938)		
Ground Line			26 141	19 070	19 124	12 145	14 751	8581		
			(56,721)	(40,979)	(41,415)	(26,134)	(31,904)	(18,449)		
-1.5 m (-5 ft.)	22 396	22 396	24 445	19 101	18 359	12 040	13 958	8526		
	(50,640)	(50,640)	(53,062)	(41,021)	(39,723)	(25,904)	(30,009)	(18,350)		
-3.0 m (-10 ft.)	27 189	27 189	21 063	19 454	15 942	12 216				
	(59,024)	(59,024)	(45,537)	(41,795)	(34,232)	(26,305)				

Buckets 470G LC

A full line of buckets is offered to meet a wide variety of applications. Digging forces are with power boost. Tooth selection includes the John Deere Fanggs™ Standard, Tiger, Twin Tiger, Abrasion panel, or Flare tooth. 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.

Type Bucket	Bucket Width		Bucket Capacity		Bucket Weight		Bucket Dig Force (SAE)		Bucket Dig Force (ISO)		Arm Dig Force 2.9 m (9 ft. 6 in.) (SAE)		Arm Dig Force 2.9 m (9 ft. 6 in.) (ISO)	
	mm	in.	m ³	cu. yd.	kg	lb.	kN	lb.	kN	lb.	kN	lb.	kN	lb.
General Purpose	1370	54	1.76	2.3	1006	2,217	281.8	63,355	314.8	70,780	258.5	58,113	268.9	60,447
Heavy Duty	1067	42	1.41	1.8	1418	3,127	273.9	61,576	306.0	68,792	258.8	58,177	266.0	59,793
Heavy Duty	1219	48	1.64	2.1	1507	3,323	273.9	61,576	306.0	68,792	258.8	58,177	266.0	59,793
Heavy Duty	1370	54	1.87	2.4	1624	3,581	273.9	61,576	306.0	68,792	258.8	58,177	266.0	59,793
Heavy Duty	1524	60	2.09	2.7	1712	3,774	273.9	61,576	306.0	68,792	258.8	58,177	266.0	59,793
Heavy Duty	1676	66	2.30	3.0	1737	3,828	273.9	61,576	306.0	68,792	258.8	58,177	266.0	59,793
Heavy Duty	1829	72	2.52	3.3	1844	4,065	273.9	61,576	306.0	68,792	258.8	58,177	266.0	59,793
Truck Loading	1829	72	3.20	4.2	1970	4,344	264.6	59,480	295.6	66,450	255.3	57,399	262.4	58,993
Heavy Duty High Capacity	1219	48	2.06	2.7	1802	3,973	264.6	59,480	295.6	66,450	255.3	57,399	262.4	58,993
Heavy Duty High Capacity	1370	54	2.34	3.1	2033	4,482	264.6	59,480	295.6	66,450	255.3	57,399	262.4	58,993
Heavy Duty High Capacity	1524	60	2.62	3.4	2329	5,136	264.6	59,480	295.6	66,450	255.3	57,399	262.4	58,993
Heavy Duty High Capacity	1676	66	2.91	3.8	2271	5,007	264.6	59,480	295.6	66,450	255.3	57,399	262.4	58,993
Heavy Duty High Capacity	1829	72	3.20	4.2	2663	5,870	264.6	59,480	295.6	66,450	255.3	57,399	262.4	58,993

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.

Arm Dig Force 3.4 m (11 ft. 2 in.) (SAE)		Arm Dig Force 3.4 m (11 ft. 2 in.) (ISO)		Arm Dig Force 3.9 m (12 ft. 10 in.) (SAE)		Arm Dig Force 3.9 m (12 ft. 10 in.) (ISO)		Arm Dig Force 4.9 m (16 ft. 1 in.) (SAE)		Arm Dig Force 4.9 m (16 ft. 1 in.) (ISO)		Bucket Tip Radius		Number of Teeth
kN	lb.	kN	lb.	kN	lb.	kN	lb.	kN	lb.	kN	lb.	mm	in.	
222.4	50,000	229.7	51,628	202.2	45,447	207.3	46,606	179.7	40,392	181.7	40,854	1765	69.5	7
220.2	49,511	227.4	51,123	200.4	45,042	205.5	46,191	178.0	40,086	180.0	40,544	1816	71.5	5
220.2	49,511	227.4	51,123	200.4	45,042	205.5	46,191	178.0	40,086	180.0	40,544	1816	71.5	6
220.2	49,511	227.4	51,123	200.4	45,042	205.5	46,191	178.0	40,086	180.0	40,544	1816	71.5	6
220.2	49,511	227.4	51,123	200.4	45,042	205.5	46,191	178.0	40,086	180.0	40,544	1816	71.5	7
220.2	49,511	227.4	51,123	200.4	45,042	205.5	46,191	178.0	40,086	180.0	40,544	1816	71.5	7
220.2	49,511	227.4	51,123	200.4	45,042	205.5	46,191	178.0	40,086	180.0	40,544	1816	71.5	8
217.6	48,911	224.6	50,503	198.1	44,543	203.2	45,679	177.0	39,707	179.0	40,161	1880	74.0	6
217.6	48,911	224.6	50,503	198.1	44,543	203.2	45,679	177.0	39,707	179.0	40,161	1880	74.0	5
217.6	48,911	224.6	50,503	198.1	44,543	203.2	45,679	177.0	39,707	179.0	40,161	1880	74.0	5
217.6	48,911	224.6	50,503	198.1	44,543	203.2	45,679	177.0	39,707	179.0	40,161	1880	74.0	6
217.6	48,911	224.6	50,503	198.1	44,543	203.2	45,679	177.0	39,707	179.0	40,161	1880	74.0	6
217.6	48,911	224.6	50,503	198.1	44,543	203.2	45,679	177.0	39,707	179.0	40,161	1880	74.0	7

Additional equipment

Key: ● Standard ▲ Optional or special

See your John Deere dealer for further information.

470G Engine

- Auto-idle system
- Automatic belt-tension device
- Batteries (2 – 12 volt), 280-min. reserve capacity
- 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
- Muffler, under hood, with vertical curved end exhaust stack
- Cool-on-demand hydraulic-driven fan
- Glow-plug start aid
- 500-hour engine-oil-change interval
- 70% (35 deg.) off-level capability
- Hydraulic fan reverser

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
- 4,000-hour hydraulic-oil-change interval
- ▲ Auxiliary hydraulic lines
- ▲ Auxiliary pilot and electric controls
- ▲ Hydraulic filter restriction indicator kit
- ▲ Load-lowering control device
- ▲ Single-pedal propel control
- ▲ Pattern changer

Undercarriage

- Planetary drive with axial piston motors
- Propel motor shields
- Spring-applied, hydraulically released automatic propel brake
- Track guides, front idler and center
- 2-speed propel with automatic shift
- Upper carrier rollers (3)
- Sealed and lubricated track chain
- ▲ Triple semi-grouser shoes, 750 mm (30 in.)
- ▲ Triple semi-grouser shoes, 900 mm (36 in.)

470G Upperstructure

- Right- and left-hand mirrors
- Vandal locks with ignition key: Cab door / Fuel cap / Service doors / Toolbox
- Debris screen in side panel
- Service platform, left side
- Remote-mounted engine oil and fuel filters
- ▲ Counterweight-removal system

Front Attachments

- Centralized lubrication system
- Dirt seals on all bucket pins
- No-boom-arm option
- ▲ Boom, 7.0 m (23 ft. 0 in.)
- ▲ Boom, mass excavating, 6.3 m (20 ft. 7 in.)
- ▲ Arm, mass excavating, 2.9 m (9 ft. 6 in.)
- ▲ Arm, 2.9 m (9 ft. 6 in.)
- ▲ Arm, 3.4 m (11 ft. 2 in.)
- ▲ Arm, 3.9 m (12 ft. 10 in.)
- ▲ Arm, 4.9 m (16 ft. 1 in.)
- ▲ Boom cylinder with plumbing to mainframe for no-boom-arm option
- ▲ Buckets: Heavy duty / Heavy-duty high capacity / Side cutters and teeth

Operator's Station

- Adjustable independent-control positions (levers-to-seat, seat-to-pedals)
- AM/FM radio
- Auto climate control/air conditioner/heater/pressurizer, 5.9 kW (20,000 Btu/hr.)
- Built-in Operator's Manual storage compartment and manual
- Cell-phone power outlet, 12 volt, 60 watt, 5 amp
- Coat hook
- Deluxe air-suspension heated cloth seat with 100-mm (4 in.) adjustable armrests
- Floor mat
- Front windshield wiper with intermittent speeds
- Gauges (illuminated): Engine coolant / Fuel
- Horn, electric
- Hourmeter, electric
- Hydraulic shutoff lever, all controls
- Hydraulic warm-up control
- Interior light
- Large cup holder

470G Operator's Station (continued)

- Machine Information Center (MIC)
- Mode selectors (illuminated): Power modes – 3 / Travel modes – 2 with automatic shift / Work mode – one / Boom mode
- 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, fault code alert indicator, fuel-rate display, wiper-mode indicator, work-lights-on indicator, and work-mode indicator
- Fluid-level switch and indicator light for engine coolant and engine oil
- Motion alarm with cancel switch (conforms to SAE J994)
- Power-boost switch on right console lever
- Propel pedals and levers
- SAE 2-lever control pattern
- Seat belt, 51 mm (2 in.), retractable
- Tinted glass
- Transparent tinted overhead hatch
- Hot/cold beverage compartment
- ▲ 24- to 12-volt D.C. radio convertors, 10 amp
- ▲ Monitor system with alarm features: Hydraulic oil filter restriction indicator light
- ▲ Protection screens for cab front, rear, and side
- ▲ Seat belt, 76 mm (3 in.), non-retractable
- ▲ Window vandal-protection covers

Electrical

- 50-amp alternator
- Blade-type multi-fused circuits
- Positive-terminal battery covers
- JDLink™ wireless communication system
- Rearview camera
- ▲ Cab extension wiring harness

Lights

- Work lights: Halogen / 2 mounted on boom / One mounted on frame / 2 mounted on top of cab

Net engine power is with standard equipment including air cleaner, exhaust system, alternator, and cooling fan, at test conditions specified per ISO 9249. No derating is required up to 2000-m (6,560 ft.) altitude. Specifications and design subject to change without notice. Wherever applicable, specifications are in accordance with SAE standards. Except where otherwise noted, these specifications are based on a unit with 1370-mm (54 in.) bucket, 900-mm (36 in.) triple semi-grouser shoes, 9111-kg (20,086 lb.) counterweight, full fuel tank, and 79-kg (175 lb.) operator.

