

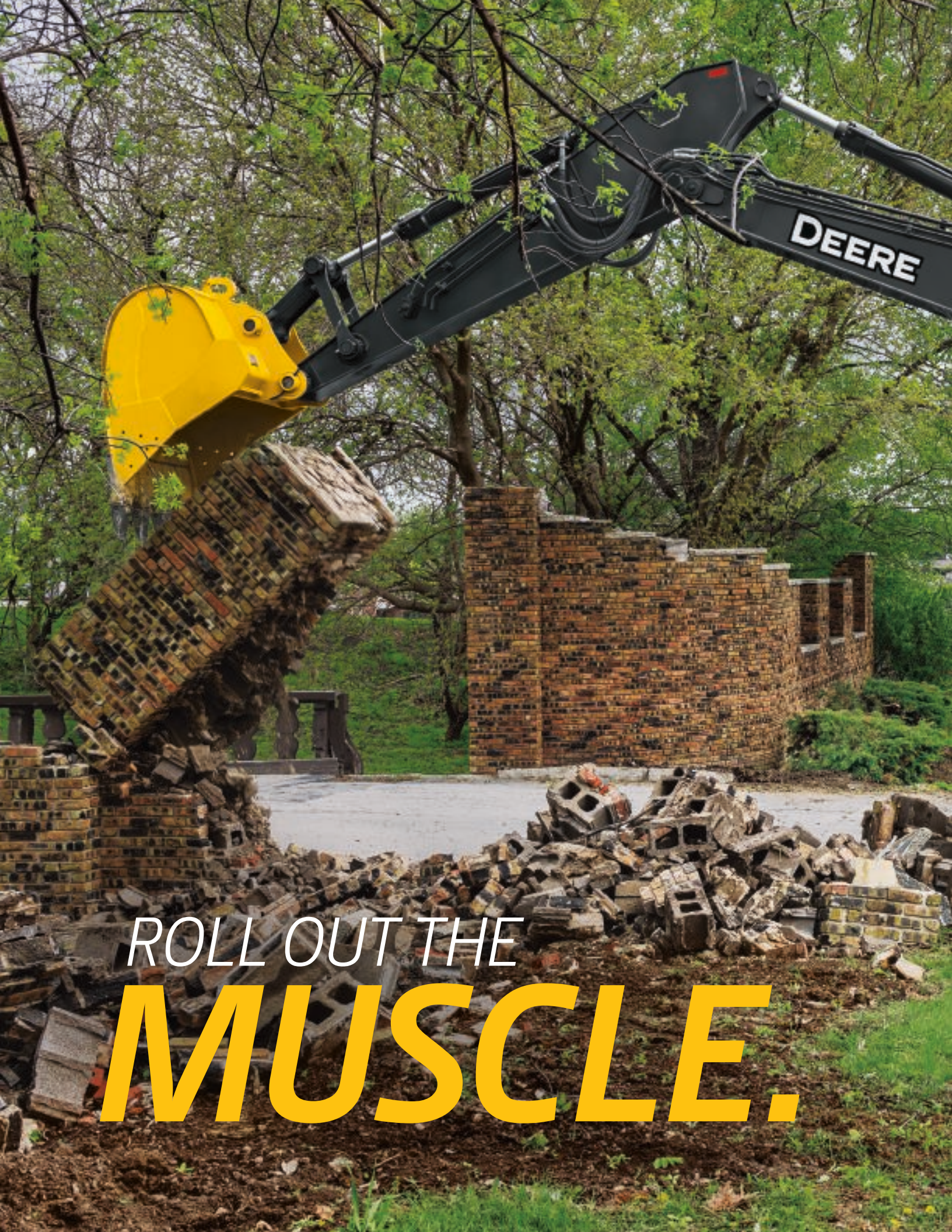
G-SERIES
**190G W WHEELED
EXCAVATOR**



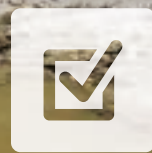
JOHN DEERE



**WHEELED
WARRIOR**



ROLL OUT THE
MUSCLE.



RELIABLE

+



PRODUCTIVE



THE WHEEL DEAL.

Looking to get on a roll? The 190G W Wheeled Excavator travels on tires, so it's more mobile and maneuverable than tracked excavators. Its more spacious and comfortable cab comes equipped with an easy-to-navigate enhanced LCD monitor that lets operators easily dial-in a wealth of machine info and functionality. Delivering the smoothness, control, and operating ease you've come to expect from John Deere, this wheeled excavator is the real deal.

YOU CAN GET THERE FROM HERE.
MOVABLE AND VERSATILE

If your job is earthmoving, transporting materials, installing utilities, and building or maintaining roads, the 190G W can be just what you need to get in, get to work, and get out — quickly, capably, and easily.

Work in tight spaces

Short wheelbase makes the 190G W very adept in close quarters — unlike unwieldy truck-mounted excavators. For work close-up, opt for the two-piece boom.

Lower the boom

Monoblock boom delivers reach and lift capacity for long-distance work. Or opt for a two-piece boom for added versatility.

Have it your way

Choose from a variety of boom, blade, outrigger, and bucket options to equip your machine exactly as needed to optimize your setup.

Roadworthy

Rubber tires allow you to drive quickly from job to job instead of loading up a trailer — plus they're much friendlier to paved surfaces.

Rapid cycle times

Fast travel speed and boom and arm movement combined with superior arm force help speed cycle times. Wide axles, rock-solid stability, and substantial lift capabilities allow this machine to quickly move Jersey barriers.



SLIM
8-FT. 8-IN.
WHEELBASE



ON THE MOVE.

Work can seem pretty easy with a John Deere 190G W Wheeled Excavator. It's a well-rounded solution for a variety of tasks including clearing ditches, repairing sewers or potholes, loading trucks, or moving Jersey barriers. Rubber tires and transport speeds up to 22 mph mean you don't need to load it on a trailer to get to a nearby jobsite or across pavement. With the Powerwise Plus™ engine/hydraulic-management system, three productivity modes, and Power Dig and Auto Power Lift functions, it has plenty of street smarts, too. Add any of many available options to tackle an even wider range of both on- and off-road work.



TRANSPORT
SPEEDS UP TO
22 MPH

Ready assist

Low-flow assist hydraulics come standard, perfect for lower-pressure, lower-flow applications like bucket-tilt or -swinger attachments. Need additional hydraulic capability? Dealer-installed high-pressure, high-flow auxiliary hydraulic packages are available.

Multitasker

Parallelogram blade handles backfill and cleanup duties, while serving as a third stabilizer during digging.

Outrigger option

If you don't need a blade, choose the four-outrigger option for maximum stability. You can activate the outriggers together or independently to quickly and easily level the machine.

Modes of operation

Powerwise Plus 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 smooth and balanced metering for normal operation. *Economy* reduces top speed and helps save fuel.



Dig in

When the digging gets tough, press the Power Dig button for the extra hydraulic power you need to muscle through. Need a little extra lift when craning? Auto Power Lift automatically engages when the boom is raised.

Reliable stability

Activate the axle-lock switch on the steering column to hold the machine steady while digging or handling material without using the stabilizers. Engage the brake at the same time for even more stability.

Rubber soul

Standard solid-rubber spacer between the heavy-duty dual tires puts pressure on the sidewalls to help keep the machine more stable. It also keeps mud and debris out, for longer tire life.

WITH PRODUCTIVITY IN MIND

TAP INTO THE CREATURE COMFORTS.

Operators of all skill levels will be able to “dial it up a notch” in this spacious, well-appointed cab. Durable monitor employs a rotary control that can be easily turned and tapped for access to an abundance of performance and convenience functions and features. Operators will also appreciate the comfortable fabric-covered high-back seat, expansive all-round visibility, low-effort joysticks, a highly efficient HVAC system, and numerous other amenities. The 190G W provides just about everything your operators need to do their best work.

Smooth operator

Generous hydraulic flow and smooth, predictable metering ensure powerful digging force, precise low-effort control, and reliable multifunction operation.

We've got your back

Sculpted mechanical-suspension high-back seat has 12.5 in. of travel, sliding together or independent of the joystick console. So it won't cramp an operator's style.

Power play

Two-speed PowerShift™ transmission smoothly shifts on-the-go from low to high in each speed, enabling multiple operating speeds, for better responsiveness.

Dial it up

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

See clearly now

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, the standard rearview camera displays the action behind on the monitor.

Take control

F-N-R directional switch is conveniently located on the left-hand pilot lever, for easier control of blade and stabilizer functions.

At your fingertips

Ergonomically correct short-throw pilot levers provide smooth, predictable fingertip control with less movement or effort. Push buttons in the right lever allow fingertip control of auxiliary hydraulic flow for operating attachments.

Clear and cool

Automatic, high-velocity bi-level climate-control system with automotive-style adjustable louvers helps keep the glass clear and the cab comfortable.



SEAT ADJUSTS

12.5 in.





DEERE

⚠ DANGER
Failure to follow these instructions could result in death or serious injury.

⚠ WARNING
Failure to follow these instructions could result in death or serious injury.

⚠ WARNING
Failure to follow these instructions could result in death or serious injury.

⚠ WARNING
Failure to follow these instructions could result in death or serious injury.



*NOTHING
IS BUILT
LIKE THIS
DEERE.*

UP AND RUNNING.

Don't let downtime get you down. From its ultra-dependable, fuel-sipping diesel to its rugged D-channel side frame, this wheeled excavator keeps uptime up. Its highly efficient cooling system ensures things are running cool in any environment. Traditional durability-enhancing features, including tungsten-carbide thermal-coated arm surfaces, oil-impregnated bushings, and welded boom bulkheads, also help maximize uptime and long-term durability. When you know how it's built, you'll run this Deere.



3

**WELDED
BULKHEADS**
RESIST TORSIONAL
STRESS



Tough enough

A John Deere exclusive, three welded bulkheads within the boom resist torsional stress, for exceptional durability. Booms, arms, and mainframes are so tough, they're warranted for three years or 10,000 hours.

Keep your cool

Highly efficient, heavy-duty cooling system keeps things cool, even in tough environments.

Put the brakes on

Wet-type disc brakes are virtually maintenance free and deliver reliable, long-term stopping power.

Take cover

Heavy-duty covers on the oversize outriggers help prevent damage to the hydraulic cylinders.

Added protection

Tungsten-carbide coating creates extremely wear-resistant surface protection for the all-important bucket-to-arm joint.

Lubricated joints

Oil-impregnated bushings enhance durability and extend grease intervals to 500 hours for the arm-and-boom joint and 100 hours for the bucket joint.

Drivetrain protection

PowerShift transmission is integrated with the axle and positioned above ground level to protect it from damage.



WHEELS ON THE GROUND.

Stay on the job

Large fuel tank and 500- and 5,000-hour engine and hydraulic oil-service intervals decrease downtime for routine maintenance. Reinforced resin thrust plates, grooved bushings, and thermal-coated bucket joints increase arm, boom, and bucket lube intervals to 500 hours.

Take it for a spin

Vertical spin-on engine oil filters and fuel/water separators are conveniently grouped in the right rear compartment, for easy ground-level servicing.

In the know

Machine Information Center captures and stores vital machine performance and utilization data to help improve uptime.

Open access

Swing open the side panels on either side of the machine to provide even more wide-open access to components.

Swing-out clean-out

Fuel coolers and A/C condensers swing out, simplifying clean-out. Side-by-side coolers provide easy access.



Get valuable insight with

JOHN DEERE WORKSIGHT™

John Deere WorkSight is an exclusive suite of telematics solutions that increases uptime while lowering operating costs. At its heart, JDLink™ machine monitoring provides real-time utilization data and alerts to help you maximize productivity and efficiency while minimizing downtime. Remote diagnostics enable your dealer to read codes and record performance data without a trip to the jobsite.

Keep downtime down with

JOHN DEERE ULTIMATE UPTIME

John Deere Ultimate Uptime, featuring John Deere WorkSight, is a customizable support solution available exclusively from your Deere dealer. This flexible offering maximizes equipment availability with standard John Deere WorkSight capabilities that can help prevent future downtime and speed repairs when needed. In addition to the base John Deere WorkSight features, our dealers work with you to build an uptime package that meets the specific needs of your machine, fleet, project, and business, including customized maintenance and repair agreements, onsite parts availability, extended warranties, fluid sampling, response-time guarantees, and more.



190G W SPECIFICATIONS

Engine		190G W	
Manufacturer and Model	Isuzu 4HK1XASA13A		
Non-Road Emission Standard	EPA Final Tier 4/EU Stage IV		
Net Peak Power (ISO 9249)	129 kW (173 hp) at 1,800 rpm		
Cylinders	4		
Displacement	5.2 L (317 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 and enclosed fan guard; side-by-side-by-side radiator, oil cooler, and intercooler with dust net			
Powertrain			
2-speed propel with creeper mode and automatic shift			
Maximum Travel Speed			
Creep	2.6 km/h (1.6 mph)		
Low	8.6 km/h (5.3 mph)		
High	35.0 km/h (21.7 mph)		
Drawbar Pull	9534 kg (21,020 lb.)		
Brakes	Maintenance-free wet-disc brakes on front and rear axles; fully hydraulic service brakes		
Tires	Standard size, dual-traction-type 10.00-20 16PR tires		
Front Axle	All-wheel drive; can be locked hydraulically in any position		
Hydraulics			
Main Pumps	2 variable-displacement axial-piston pumps		
Maximum Rated Flow x 2	236 L/min. (62 gpm)		
Pilot Pump	1 gear		
Maximum Rated Flow	30 L/m (8 gpm)		
Pressure Setting	4700 kPa (682 psi)		
System Operating Pressure			
Implement Circuits	34 300 kPa (4,975 psi)		
Travel Circuits	34 800 kPa (5,047 psi)		
Swing Circuits	33 400 kPa (4,844 psi)		
Power Boost	36 300 kPa (5,265 psi)		
Controls	Pilot levers, short stroke, low-effort hydraulic pilot controls with shutoff lever		
Cylinders			
	<i>Bore</i>	<i>Rod Diameter</i>	<i>Stroke</i>
Monoblock Boom (2)	120 mm (4.7 in.)	85 mm (3.3 in.)	1050 mm (41.3 in.)
2-Piece Boom (2)	120 mm (4.7 in.)	85 mm (3.3 in.)	980 mm (38.6 in.)
Positioning, 2-Piece Boom (2)	170 mm (6.7 in.)	105 mm (4.1 in.)	670 mm (26.4 in.)
Arm (1)	125 mm (4.9 in.)	90 mm (3.5 in.)	1371 mm (54.0 in.)
Bucket (1)	105 mm (4.1 in.)	75 mm (3.0 in.)	1060 mm (41.7 in.)

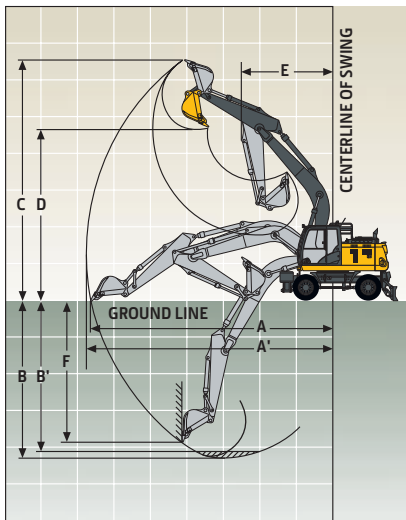
190G W SPECIFICATIONS



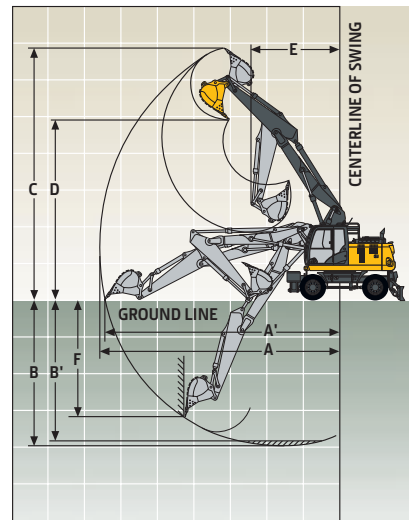
Electrical	190G W	
Number of Batteries (12 volt)	2	
Battery Capacity	925 CCA	
Alternator Rating	50 amp	
Worklights	1 on boom left, 2 on top of cab front, and 1 on top of cab rear	
Driving Lights	Headlights (2), turn signals and hazard lights, LED brake lights, and side marker lights	
Swing Mechanism		
Swing Speed	11.5 rpm	
Swing Torque	53 000 Nm (39,090 lb.-ft.)	
Serviceability		
Refill Capacities		
Fuel Tank	290 L (76.6 gal.)	
Coolant System	28 L (7.4 gal.)	
Engine Oil with Filter	23 L (6.1 gal.)	
Swing Gearbox	6.2 L (1.6 gal.)	
Front and Rear Hub Reduction (each)	2.5 L (0.7 gal.)	
Hydraulic System	180 L (47.6 gal.)	
Hydraulic Tank	100 L (26.4 gal.)	
Transmission	2.5 L (2.6 qt.)	
Axle		
Front	9.5 L (2.5 gal.)	
Rear	14 L (3.7 gal.)	
Diesel Exhaust Fluid (DEF) Tank	26 L (6.9 gal.)	
Operating Weights		
With 1.38-m ³ (1.81 cu. yd.), 1219-mm (48 in.), 735-kg (1,621 lb.) bucket; 2.71-m (8 ft. 11 in.) arm; 3700-kg (8,157 lb.) counterweight; 2550-mm (8 ft. 4 in.)-wide wheelbase; full fuel tank; and 75-kg (165 lb.) operator		
	<i>Monoblock Boom</i>	<i>2-Piece Boom</i>
Front Blade and Rear Outrigger	19 700 kg (43,431 lb.)	20 200 kg (44,533 lb.)
Front and Rear Outriggers	20 000 kg (44,530 lb.)	20 500 kg (45,300 lb.)
Component Weights		
Undercarriage, Base		
Front Blade and Rear Outrigger	2257 kg (4,976 lb.)	2257 kg (4,976 lb.)
Front and Rear Outriggers	2601 kg (5,734 lb.)	2601 kg (5,734 lb.)
Arm with Bucket Cylinder and Linkage		
2.71-m (8 ft. 11 in.) Arm without Cylinder	570 kg (1,257 lb.)	570 kg (1,257 lb.)
Without Cylinder	1262 kg (2,782 lb.)	1580 kg (3,483 lb.)
Cylinder(s), Total Weight		
Boom Lift (2)	155 kg (342 lb.)	155 kg (342 lb.)
Positioning (1)	309 kg (681 lb.)	309 kg (681 lb.)
Arm (1)	212 kg (467 lb.)	212 kg (467 lb.)
Bucket (1)	127 kg (280 lb.)	127 kg (280 lb.)

190G W

Operating Dimensions	190G W	
With 2.71-m (8 ft. 11 in.) Arm	Monoblock Boom	2-Piece Boom
Arm Digging Force		
ISO	95 kN (21,360 lb.)	95 kN (21,360 lb.)
SAE	91 kN (20,460 lb.)	91 kN (20,460 lb.)
Bucket Digging Force		
ISO	126 kN (28,330 lb.)	126 kN (28,330 lb.)
SAE	113 kN (25,400 lb.)	113 kN (25,400 lb.)
A Maximum Reach	9.58 m (31 ft. 5 in.)	9.48 m (31 ft. 1 in.)
A' Maximum Reach at Ground Level	9.40 m (30 ft. 10 in.)	9.31 m (30 ft. 7 in.)
B Maximum Digging Depth	5.83 m (19 ft. 2 in.)	5.93 m (19 ft. 5 in.)
B' Maximum Digging Depth at 2.44-m (8 ft.) Flat Bottom	5.64 m (18 ft. 6 in.)	5.83 m (19 ft. 2 in.)
C Maximum Cutting Height	9.25 m (30 ft. 4 in.)	9.85 m (32 ft. 4 in.)
D Maximum Dumping Height	6.45 m (21 ft. 2 in.)	6.95 m (22 ft. 10 in.)
E Minimum Swing Radius	3.48 m (11 ft. 5 in.)	3.00 m (9 ft. 10 in.)
F Maximum Vertical Wall	5.26 m (17 ft. 3 in.)	5.03 m (16 ft. 6 in.)



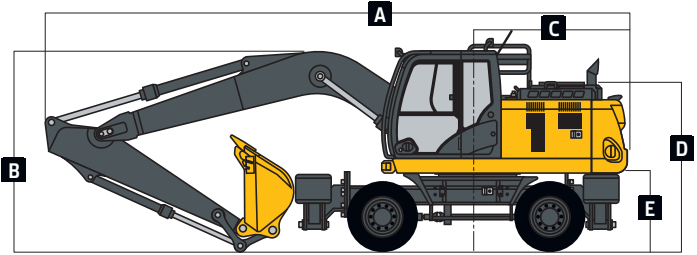
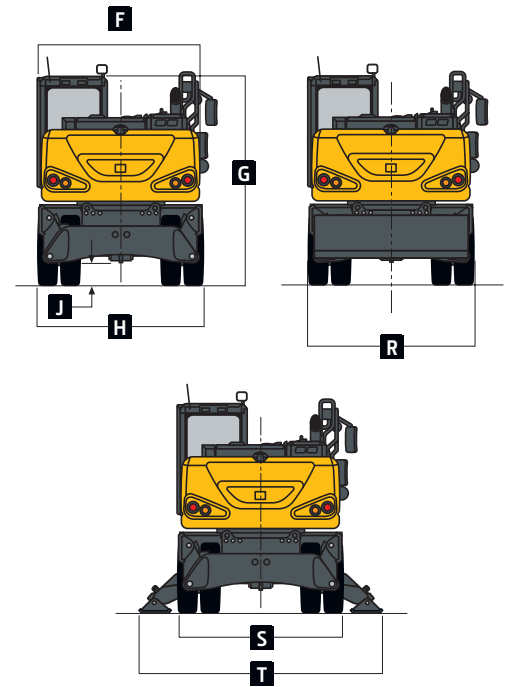
190G W EXCAVATOR WITH MONOBLOCK BOOM



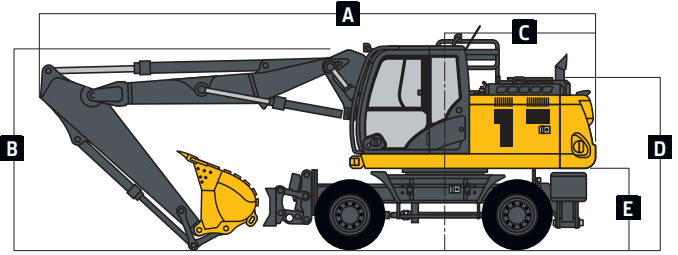
190G W EXCAVATOR WITH 2-PIECE BOOM

Machine Dimensions 190G W

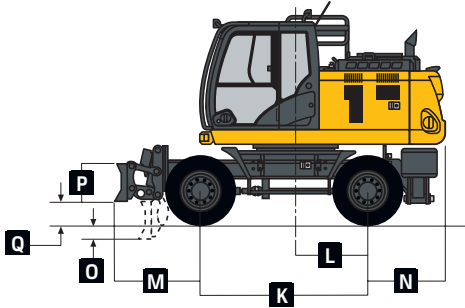
	Monoblock Boom	2-Piece Boom
With 2.71-m (8 ft. 11 in.) Arm		
A Overall Length		
Front Blade and Rear Outrigger	9.48 m (31 ft. 1 in.)	9.30 m (30 ft. 6 in.)
Front and Rear Outriggers	9.54 m (31 ft. 4 in.)	9.36 m (30 ft. 9 in.)
B Overall Height	3.12 m (10 ft. 3 in.)	3.21 m (10 ft. 6 in.)
C Rear-End Length/Swing Radius	2.32 m (7 ft. 7 in.)	2.32 m (7 ft. 7 in.)
D Engine Cover Height	2.59 m (8 ft. 6 in.)	2.59 m (8 ft. 6 in.)
E Counterweight Clearance	1.22 m (4 ft. 0 in.)	1.22 m (4 ft. 0 in.)
F Overall Width of Upperstructure	2.45 m (8 ft. 0 in.)	2.45 m (8 ft. 0 in.)
G Overall Height of Cab	3.22 m (10 ft. 7 in.)	3.22 m (10 ft. 7 in.)
H Overall Width of Tires	2.73 m (8 ft. 11 in.)	2.73 m (8 ft. 11 in.)
J Minimum Ground Clearance	0.35 m (14 in.)	0.35 m (14 in.)
K Wheelbase	2.65 m (8 ft. 8 in.)	2.65 m (8 ft. 8 in.)
L Swing Center to Rear Axle	1.15 m (3 ft. 9 in.)	1.15 m (3 ft. 9 in.)
M Front Overhang		
Front Blade and Rear Outrigger	1.36 m (4 ft. 6 in.)	1.36 m (4 ft. 6 in.)
Front and Rear Outriggers	1.38 m (4 ft. 6 in.)	1.38 m (4 ft. 6 in.)
N Rear Overhang	1.09 m (3 ft. 7 in.)	1.09 m (3 ft. 7 in.)
O Maximum Blader Lower	0.22 m (9 in.)	0.22 m (9 in.)
P Overall Height of Blade	0.59 m (23 in.)	0.59 m (23 in.)
Q Maximum Blade Raise	0.37 m (15 in.)	0.37 m (15 in.)
R Overall Width of Blade	2.73 m (8 ft. 11 in.)	2.73 m (8 ft. 11 in.)
S Overall Width, Outriggers Retracted	2.45 m (8 ft. 0 in.)	2.45 m (8 ft. 0 in.)
T Overall Width, Outriggers Extended	3.44 m (11 ft. 3 in.)	3.44 m (11 ft. 3 in.)
V Overall Height of Boom, Traveling	4.00 m (13 ft. 1 in.)	4.00 m (13 ft. 1 in.)
W Front Overhang, Traveling	3.33 m (10 ft. 11 in.)	3.33 m (10 ft. 11 in.)



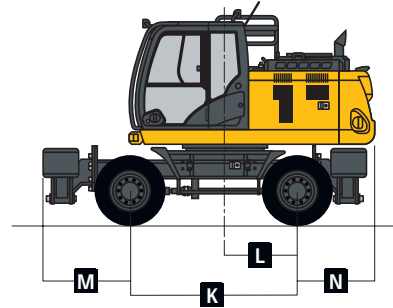
190G W EXCAVATOR WITH MONOBLOCK BOOM



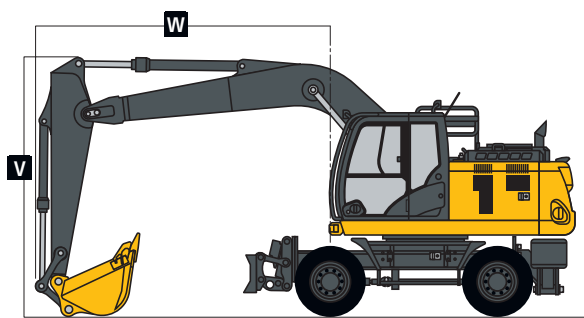
190G W EXCAVATOR WITH 2-PIECE BOOM



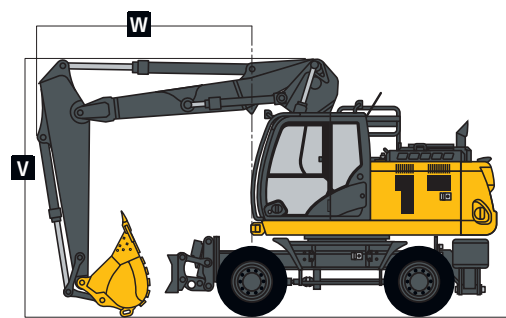
190G W EXCAVATOR WITH FRONT BLADE AND REAR OUTRIGGER



190G W EXCAVATOR WITH FRONT AND REAR OUTRIGGERS



190G W EXCAVATOR WITH MONOBLOCK BOOM (TRAVELING)



190G W EXCAVATOR WITH 2-PIECE BOOM (TRAVELING)

190G W

Lift Capacities 190G W

Boldface type indicates hydraulically limited capacities; lightface type indicates stability-limited capacities, in kg (lb.). Ratings at bucket lift hook; machine equipped with 600-kg (1,323 lb.) bucket, 2.71-m (8 ft. 11 in.) arm, wide tires, and standard counterweight; and situated on firm, level, uniform supporting surface, with power boost on. Figures do not exceed 87% of hydraulic capacity or 75% 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 monoblock boom; front blade and rear outriggers down</i>										
6.0 m (20 ft.)							4270	4270		
							(9,420)	(9,420)		
4.5 m (15 ft.)					6230	6230	5240	4620		
					(13,740)	(13,740)	(11,560)	(10,180)		
3.0 m (10 ft.)					7730	7120	5830	4420	4480	3020
					(17,040)	(15,690)	(12,850)	(9,750)	(9,870)	(6,650)
1.5 m (5 ft.)					8880	6670	6350	4220	5000	2930
					(19,570)	(14,700)	(14,010)	(9,300)	(11,030)	(6,450)
Ground Line		4090	4090	9130	6430	6540	4070	4940	2860	
		(9,010)	(9,010)	(20,130)	(14,170)	(14,420)	(8,980)	(10,900)	(6,300)	
-1.5 m (-5 ft.)		8190	8190	8500	6360	6170	4020			
		(18,050)	(18,050)	(18,740)	(14,030)	(13,600)	(8,860)			
-3.0 m (-10 ft.)		9380	9380	6980	6430	4900	4070			
		(20,680)	(20,680)	(15,380)	(14,180)	(10,810)	(8,970)			
<i>With monoblock boom; front outriggers and rear outriggers down</i>										
6.0 m (20 ft.)							4270	4270		
							(9,420)	(9,420)		
4.5 m (15 ft.)					6230	6230	5240	5240		
					(13,740)	(13,740)	(11,560)	(11,560)		
3.0 m (10 ft.)					7730	7730	5830	5160	4480	3530
					(17,040)	(17,040)	(12,850)	(11,370)	(9,870)	(7,780)
1.5 m (5 ft.)					8880	7910	6350	4950	5000	3440
					(19,570)	(17,440)	(14,010)	(10,910)	(11,030)	(7,580)
Ground Line		4090	4090	9130	7660	6540	4800	4940	3370	
		(9,010)	(9,010)	(20,130)	(16,880)	(14,420)	(10,580)	(10,900)	(7,420)	
-1.5 m (-5 ft.)		8190	8190	8500	7590	6170	4740			
		(18,050)	(18,050)	(18,740)	(16,730)	(13,600)	(10,450)			
-3.0 m (-10 ft.)		9380	9380	6980	6980	4900	4790			
		(20,680)	(20,680)	(15,380)	(15,380)	(10,810)	(10,570)			

Lift Capacities (continued) 190G W

Boldface type indicates hydraulically limited capacities; **lightface type** indicates stability-limited capacities, in kg (lb.). Ratings at bucket lift hook; machine equipped with 600-kg (1,323 lb.) bucket, 2.71-m (8 ft. 11 in.) arm, wide tires, and standard counterweight; and situated on firm, level, uniform supporting surface, with power boost on. Figures do not exceed 87% of hydraulic capacity or 75% 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 2-piece boom; front blade and rear outriggers down</i>										
6.0 m (20 ft.)							3990 (8,790)	3990 (8,790)		
4.5 m (15 ft.)					4770 (10,510)	4770 (10,510)	4290 (9,450)	4290 (9,450)		
3.0 m (10 ft.)			8680 (19,130)	8680 (19,130)	6340 (13,970)	6340 (13,970)	4970 (10,960)	4600 (10,150)	4070 (8,980)	(6,850)
1.5 m (5 ft.)			10 580 (23,330)	10 580 (23,330)	7920 (17,470)	7040 (15,530)	5730 (12,640)	4570 (10,080)	4710 (10,390)	3040 (6,710)
Ground Line	8810 (19,420)	8810 (19,420)	12 700 (28,000)	12 700 (28,000)	8840 (19,490)	7090 (15,630)	6290 (13,860)	4580 (10,090)	4830 (10,640)	2930 (6,470)
-1.5 m (-5 ft.)	14 160 (31,210)	14 160 (31,210)	14 610 (32,210)	14 270 (31,470)	9070 (19,990)	7310 (16,120)	6490 (14,310)	4340 (9,560)		
-3.0 m (-10 ft.)	23 430 (51,650)	23 430 (51,650)	15 050 (33,190)	14 980 (33,020)	9400 (20,730)	6930 (15,280)	5930 (13,080)	4170 (9,190)		

With 2-piece boom; front outriggers and rear outriggers down

6.0 m (20 ft.)							3990 (8,790)	3990 (8,790)		
4.5 m (15 ft.)					4770 (10,510)	4770 (10,510)	4290 (9,450)	4290 (9,450)		
3.0 m (10 ft.)			8680 (19,130)	8680 (19,130)	6340 (13,970)	6340 (13,970)	4970 (10,960)	4970 (10,960)	4070 (8,980)	3620 (7,980)
1.5 m (5 ft.)			10 580 (23,330)	10 580 (23,330)	7920 (17,470)	7920 (17,470)	5730 (12,640)	5190 (11,440)	4710 (10,390)	3560 (7,840)
Ground Line	8810 (19,420)	8810 (19,420)	12 700 (28,000)	12 700 (28,000)	8840 (19,490)	8090 (17,840)	6290 (13,860)	5270 (11,620)	4830 (10,640)	3460 (7,620)
-1.5 m (-5 ft.)	14 160 (31,210)	14 160 (31,210)	14 610 (32,210)	14 610 (32,210)	9070 (19,990)	8310 (18,310)	6490 (14,310)	5080 (11,210)		
-3.0 m (-10 ft.)	23 430 (51,650)	23 430 (51,650)	15 050 (33,190)	15 050 (33,190)	9400 (20,730)	8210 (18,100)	5930 (13,080)	4910 (10,830)		

Buckets

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.

Type Bucket	Bucket Width		Bucket Capacity		Bucket Weight	
	mm	in.	m ³	cu. yd.	kg	lb.
General Purpose	610	24	0.39	0.5	442	970
	762	30	0.54	0.7	498	1,100
Heavy Duty	914	36	0.69	0.9	561	1,240
	1067	42	0.85	1.1	602	1,330
Ditching	1219	48	1.00	1.3	659	1,450
	1524	60	1.18	1.5	546	1,200

Additional equipment

Key: ● Standard ▲ Optional or special

See your John Deere dealer for further information.

190G 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
●	Programmable auto-shutdown
Hydraulic System	
●	Reduced-drift valve for boom down, arm in
●	Auxiliary hydraulic valve section
●	Brake valves for travel circuits
●	Individual control of outriggers
●	Hydraulic filter restriction indicator
●	Spring-applied, hydraulically released automatic swing brake
●	Auxiliary hydraulic-flow adjustment through monitor
●	Auto power lift
●	5,000-hour hydraulic-oil-change interval
●	Auxiliary hydraulic lines with hand-controlled proportional control
▲	Control-pattern change valve
Undercarriage	
●	Brakes, 4 wheel, maintenance free, wet disc
●	Creeper speed range
●	Front axle, oscillating, lockable
▲	Front blade and rear outriggers (2)
▲	Outriggers (4)
●	Parking brake
●	Dual traction-type tires, 10.00-20, 16PR with spacer
●	Toolbox on left chassis

190G Upperstructure	
●	Right- and left-hand mirrors
●	Vandal locks with ignition key: Cab door / Fuel cap / Service doors
Front Attachments	
●	6.2-m (20 ft. 4 in.) monoblock boom with 2.71-m (8 ft. 11 in.) arm
▲	Variable-geometry, 2-piece boom with 2.71-m (8 ft. 11 in.) arm
●	Centralized lubrication system
●	Dirt seals on all bucket pins
▲	Buckets: Ditching / General purpose / General-purpose high capacity / 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 with heater and pressurizer
●	Built-in Operator's Manual storage compartment and manual
●	Cell-phone power outlet, 12 volt
●	Coat hook
●	Deluxe suspension cloth seat with 100-mm (4 in.) adjustable armrests
●	Floor mat
●	Front windshield wiper with intermittent speeds
●	Gauges (illuminated): Engine coolant / Fuel level / Speedometer
●	Horn, electric
●	Hour meter, electric
●	Hydraulic shutoff lever, all controls
●	Hydraulic warm-up control
●	Interior light
●	Large cup holder
●	Machine Information Center (MIC)
●	Mode selectors (illuminated): Power modes (3) / Work mode (1)
●	High/low travel mode with creeper range

190G Operator's Station (continued)	
●	Multifunction, color LCD monitor with: Diagnostic capability / Multiple-language capabilities / Maintenance tracking / Clock / In-monitor adjustment of auxiliary pressure and flow / System monitoring with alarm features: Auto-idle indicator, Auto-shutdown indicator, brake pressure audible alarm, 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, water-in-fuel light, 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 control lever
●	SAE 2-lever control pattern
●	Seat belt, 76 mm (3 in.), non-retractable
●	Tinted glass
●	Transparent tinted overhead hatch
●	Tilting steering column
●	Sun visor
●	Windshield washer/wiper with constant and intermittent speeds
▲	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)
●	Rearview camera
Lights	
●	Headlights (2)
●	Worklights, top of cab (2), rear of cab (1), and boom (1)
●	Turn signals / Hazard lights
●	Brake lights
●	Side marker lights

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 3050-m (10,000 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 1.38-m³ (1.81 cu. yd.), 1219-mm (48 in.), 735-kg (1,621 lb.) bucket, 2.71-m (8 ft. 11 in.) arm, full fuel tank, and 75-kg (165 lb.) operator.

