35G/50G/60G COMPACT EXCAVATORS

3520–6145-kg (7,760–13,547 lb.) Operating Weight





Make a bigger impact with our compacts.

Looking to get more out of your "mini ex"? Make your next compact one of our G-Series. Inspired by input from equipment owners and operators like you, these nimble machines are loaded with customer-driven enhancements. Such as a more spacious cab with a wider entryway. Larger expanse of glass for unsurpassed visibility. Fuel-saving auto-shutdown and power/economy work modes. Ultra-reliable Final Tier 4 (FT4)/Stage IV engines. Plus three large service doors allow wide-open access to maintenance items such as side-by-side coolers for simplified core clean-out. Get a G-Series and get the same power, productivity, reliability, and comfort you've come to expect from our compacts — in an even more operator-friendly package.

DEERE

Ultra-reliable, fuel-efficient diesels meet EPA FT4/EU Stage IV emission standards. Power/economy modes optimize power for digging applications and significantly improve fuel efficiency. With large entryways and virtually unrestricted sightlines, the G-Series' spacious operator stations deliver all the comfort, convenience, and visibility an operator needs. And then some.

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Zero- and reduced-tail-swing designs make these compacts extra maneuverable and plenty productive in places with tight spaces.

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	Key specifications	35G	50G	60G
THE YOUNG IN	Net power (FT4/Stage IV)	17.4 kW (23.3 hp)	26.8 kW (35.9 hp)	39.6 kW (53.0 hp)
	Maximum Digging Reach	5.21 m (17 ft. 1 in.)	5.96 m (19 ft. 7 in.)	6.23 m (20 ft. 5 in.)
STATISTICS.	Maximum Digging Depth	3.06 m (10 ft. 0 in.)	3.53 m (11 ft. 7 in.)	3.77 m (12 ft. 4 in.)
	Operating Weight	3520 kg (7,760 lb.)	4790 kg (10,560 lb.)	6145 kg (13,547 lb.)

More comfortable interiors provide for a more productive day.

Step aboard one of our excavators and you'll discover that compacts don't have to be uncomfortable. The G-Series' spacious operator stations won't cramp an operator's style. Seat, pedals, and controls are positioned to accommodate bigger operators. And virtually unobstructed visibility provides a commanding view of the work at hand and jobsite around you. For year-round comfort and increased productivity, add a heated and air-conditioned cab. Just like the canopy-equipped models, visibility and roominess are second to none.

- Enhanced monitor provides vital operating info at a glance and fingertip control of several functions, including auto-shutdown, power/ economy modes, and auto exhaustfilter cleaning. Plus two trip meters let you track engine oil and hydraulic oil changes, or jobsite hours.
- Go from backhoe- to excavatorstyle controls with just a twist of your wrist. Control-pattern selector valve is conveniently located in a compartment beneath the seat.
- **3.** Ergonomic short-throw pilot-control levers provide smooth, predictable low-effort fingertip operation.
- **4.** Automatic, high-velocity bi-level climate-control system with automotive-style adjustable louvers helps keep the glass clear and the cab comfortable.



Swing boom and foldable travel pedals are positioned where they're easy to operate, yet allow plenty of foot room.

Auto-idle automatically reduces engine speed when hydraulics aren't in use. Auto shutdown further preserves every precious drop of fuel.

Convenient 12-volt port powers cell phones and other electronic devices. There's also a large cup holder and seatback compartment for documents.

Redesigned cab's 50-mm (2 in.) wider, 150-mm (6 in.) taller front glass and single-hinge door provide unsurpassed all-around visibility.

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Spacious operator stations have wide entryways, making entrance and exit easier than ever. Flat, skid-resistant floor mat removes easily for clean-out.

No operator activation required for highspeed travel. Track speeds automatically slow to low whenever the travel motors encounter a heavier load. Includes a console-mounted, low-speed lock switch.

Noise-reducing muffler (35G) and after-treatment device (50G/60G), plus isochronous high-idle speed, help keep things noticeably quiet. Rubber cab mounts further isolate the operator from noise and vibration to help reduce fatigue.



Power/economy work modes allow you to match engine speed to the application. Select **Power** mode and get the higher engine speeds needed for most general digging work. For lighter digging demands, **Economy** mode reduces engine speed and noise, while improving fuel efficiency.

Large diesels deliver impressive torque for more pull-through power when the going gets tough.

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JOHN DEERE

35G employs the same hydraulic system as the 50G, enabling it to run at a lower rpm for reduced noise and fuel consumption without sacrificing power. G-Series Compacts transport easily between jobsites, making them perfect for "dig-and-go" jobs. Enlarged tie-down openings allow you to secure these machines using the same-size chains used on your larger equipment.

500





Their possibilities are almost endless.

Sure, their compact sizes and reduced-tail-swing design enable these small-but-mighty machines to specialize in close-quarters work. But that's not the only reason to run one. Their highly fuelefficient, direct-injected diesels meet Final Tier 4/Stage IV emission standards and are noticeably quiet so you can put them to work almost anywhere, any time. Standard-equipped with backfill blade, mechanical quick-coupler, and auxiliary hydraulics, plus any of the many optional Worksite Pro[™] attachments, they can make a sizeable impact on your productivity. And profitability.

- Although they won't replace a grading tractor, their standard blades enable these excavators to fill-in quite capably.
- 2. Choose the tracks that are best for the way you work. Rubber tracks traverse virtually any terrain, including paved surfaces. Steel tracks and steel tracks with rubber pads are also available. Optional rubber grousers combine workanywhere flexibility with steel-track serviceability.
- 3. Why allow obstacles to dictate how you work? Get a G-Series Compact and put its independent-swing boom and 360-deg. rotation to good use.
- Virtually unrestricted visibility, precise feel, and smooth control make our compacts ideal for excavating around existing utilities.
- 5. Truck sideboards are no problem for these compacts. Lift height and reach are plentiful, making truck loading easy.





Arm yourself for even more productivity.

Want to do even more with these highly versatile compacts? Add any of the many available buckets and Worksite Pro attachments to your equipment arsenal and watch utilization take off. G-Series Compacts arrive attachment-ready with boom-mounted auxiliary hydraulic lines and a quick-coupler that let you go from bucket to breaker to whatever, quickly and easily. See your John Deere dealer today for details and financing options.

- Standard quick-coupler-equipped, boom-mounted auxiliary hydraulic lines make attachment hookup a snap.
- 2. Wedge-style coupler enables quick changes and accepts a wide variety of buckets and attachments, such as breakers and augers.
- 3. Worksite Pro planetary augers can be equipped with rock, heavy-duty, standard, and tree/shrub bits.

- **4.** Optional 35G and 50G backfill blade angles 25 deg., right or left, at the touch of a button.
- 5. Bust through blacktop, concrete, or other solid surfaces with a Worksite Pro breaker. Front cab screens are available to help prevent glass damage.







Add a top clamp for thumb-like dexterity that comes in handy when handling cumbersome objects or cleaning up jobsites.

Return-flow selector valve accommodates both one- and two-way hydraulic-driven attachments. Make changes with just a twist of the wrist. Worksite Pro breakers and augers also work on other John Deere compact machines, so you can make the most of your investment.

Ditch-cleaning buckets from 762-to-1067-mm (30 to 42 in.) wide handle loose or mucky materials.

Need more digging depth or reach? Choose the long-arm/heavy-counterweight option that provides an increase in both.



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

Don't let their compact statures fool you. Like their larger G-Series siblings, the 35G, 50G, and 60G are exceptionally durable. And for good reason — they share many of the same uptime-boosting features such as powdered-metal oil-impregnated boom, arm, and bucket bushings. Rigid reinforced D-channel side frames. And heavy-duty X-frames. When you know how they're built, you'll run a Deere.



- Single-pin swing-post increases boom stiffness, enhancing the structural integrity of digging components. Wearresistant hoses are routed for protection and Cordura®-wrapped where exposed.
- 2. Heavy-duty shields deflect material and impacts, protecting the boom/ blade cylinders and drive motors.
- **3.** Rubber tracks' unique steel cores resist cracking. Large-diameter drive sprockets and track idlers further increase undercarriage durability.
- **4.** Heavy-duty X-frame provides a solid, stable platform that resists material and dirt buildup.

O-ring face-seal hydraulic fittings virtually eliminate aggravating and costly oil leaks.

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

Rigid, reinforced D-channel side frames resist impact, providing maximum cab and component protection.

Self-priming diesel helps you get back up and running quickly should you ever run out of fuel.

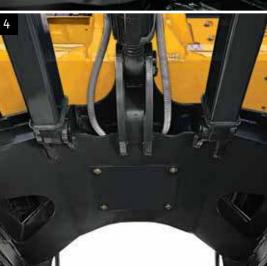
Wet-disc swing brake provides longterm maintenance-free performance.

To help prevent accidental machine movement, a spring-applied, hydraulically released park brake automatically engages when a control lever is released.









Won't bust your tail or your budget.

If there's a way to increase uptime, reduce your daily operating costs, and simplify maintenance, we've implemented it in the G-Series. Extended hydraulic and engine oil-change intervals reduce downtime and expense. Daily checks are done through a steel rear door that slides up and out of the way. If necessary, the operator station tilts forward, providing quick, wide-open component access. And of course, industry-leading parts and service are just as easily accessible at more than 1,300 John Deere locations coast to coast. Easy to work with, easy to maintain — that's our G-Series.

- Vertical spin-on filters allow quick and clean changes. Extended engine and hydraulic oil-change intervals let you work longer.
- Hinged door provides wide-open access to the side-by-side oil cooler and radiator for easier core clean-out.
- **3.** Operator station tilts forward 50 deg., simplifying access to the swing motor, hydraulic control valve, engine starter motor, and alternator.
- 4. Routine checks such as engine oil level are quickly accomplished from ground level. Convenient lube/ maintenance chart helps ensure that nothing gets overlooked.
- Hydraulic fluid sight gauge and see-through coolant reservoir let you quickly check levels at a glance.
- A simple grease gun and a wrench are all it takes to quickly maintain proper track tension.





The EPA FT4/EU Stage IV technology in our excavators is simple, fuel efficient, fully integrated, and fully supported. In the 50G and 60G, it employs field-proven cooled exhaust gas recirculation (EGR) for reducing NO_x, and a diesel particulate filter (DPF) and diesel oxidation catalyst (DOC) to reduce particulate matter. The 35G doesn't require an after-treatment system to meet EPA requirements.

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Seamless DPF cleaning happens automatically without impacting machine productivity. Minimum service interval is 6,000 hours and can be done by your John Deere dealer.

Fuel-sipping diesels, auto-idle, and economy work mode help conserve precious fuel.

Large fuel tanks and 500- and 2,000hour engine and hydraulic oil-service and 500-hour greasing intervals enable these excavators to work longer between stops for scheduled service.







35G

Manufacturer and ModelYanmar 3TNV88FNon-Road Emission StandardEPA Final Tier 4/EU Stage IVDisplacement1.642 L (100.2 cu. in.)Net Power (ISO 9249)17.4 kW (23.3 hp) at 2,400 rpmPowertrainEach track independently driven by hydrostatic axial-pistor motor connected to 2-stage planetary gear-reduction boxMaximum Travel SpeedLow2.8 km/h (1.7 mph)High4.3 km/h (2.7 mph)High4.3 km/h (2.7 mph)Pup ErlowPup FlowPump Flow2 x 38.4 L/m (2 x 10.1 gpm)Gear2.8 km (6.0 gpm)Auxiliary Flow61.2 L/m (16.2 gpm)	Engine	35G							
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Optional Angle Blade 296 kg (653 lb.) Counterweight Standard 540 kg (1,190 lb.)		weight	Standard Counterweight	Extra Counterweight	Extra Counterweight				
Counterweight 540 kg (1,190 lb.)	With Full Fuel Tank and 79-kg (175 lb.) Operator		3690 kg (8,135 lb.)	3783 kg (8,340 lb.)	3953 kg (8,715 lb.)				
Standard 540 kg (1,190 lb.)	Optional Angle Blade	296 kg (653 lb.)							
	Counterweight								
Additional 240 kg (529 lb.)	Standard	540 kg (1,190 lb.)							
	Additional	240 kg (529 lb.)							



Maximum Cutting Height Maximum Dumping Height Maximum Digging Depth Maximum Digging Reach Minimum Front Swing Radius	1315-mm (4 ft. 4 in.) Standard Arm and Canopy 4.87 m (16 ft. 0 in.)	1715-mm (5 ft. 8 in.) Long Arm and Canopy	1315-mm (4 ft. 4 in.) Standard Arm and Cab	1715-mm (5 ft. 8 in.) Long Arm and Cab
Maximum Dumping Height Maximum Digging Depth Maximum Digging Reach	4.87 m (16 ft. 0 in.)	5 15	Standard Arm and Cab	Long Arm and Cab
Maximum Dumping Height Maximum Digging Depth Maximum Digging Reach				3
Maximum Digging Depth Maximum Digging Reach	D / C / J D C / J D	4.95 m (16 ft. 3 in.)	4.70 m (15 ft. 5 in.)	4.74 m (15 ft. 7 in.)
Maximum Digging Reach	3.46 m (11 ft. 4 in.)	3.57 m (11 ft. 9 in.)	3.31 m (10 ft. 10 in.)	3.39 m (11 ft. 1 in.)
55 5	3.06 m (10 ft. 0 in.)	3.46 m (11 ft. 4 in.)	3.06 m (10 ft. 0 in.)	3.46 m (11 ft. 4 in.)
Minimum Front Swing Radius	5.21 m (17 ft. 1 in.)	5.52 m (18 ft. 1 in.)	5.21 m (17 ft. 1 in.)	5.52 m (18 ft. 1 in.)
	2.08 m (6 ft. 10 in.)	2.19 m (7 ft. 2 in.)	2.24 m (7 ft. 4 in.)	2.30 m (7 ft. 7 in.)
Transport Length	4.64 m (15 ft. 3 in.)	4.75 m (15 ft. 7 in.)	4.64 m (15 ft. 3 in.)	4.75 m (15 ft. 7 in.)
igging Force (ISO)				
Arm	19.0 kN (4,277 lb.)	16.9 kN (3,792 lb.)	19.0 kN (4,277 lb.)	16.9 kN (3,792 lb.)
Bucket	27.1 kN (6,085 lb.)	27.1 kN (6,085 lb.)	27.1 kN (6,085 lb.)	27.1 kN (6,085 lb.)
lachine Dimensions				
Upperstructure Width	1.55 m (5 ft. 1 in.)			
Overall Height				
Canopy	2.48 m (8 ft. 2 in.)			
Cab	2.48 m (8 ft. 2 in.)			
Track Width	300 mm (12 in.)			
Undercarriage Width	1.74 m (5 ft. 9 in.)			
Ground Clearance	280 mm (11 in.)		 	— 6 — →
Tail Swing Radius				-
With Standard Arm	870 mm (34 in.)			
With Long Arm and Extra Counterweight	980 mm (39 in.)	Î		
I Engine Cover Height	1.53 m (5 ft. 0 in.)			
Maximum Blade Lift Above Ground	360 mm (14.2 in.)			
Maximum Blade Drop Below Ground	400 mm (15.7 in.)			
lade				Z.
Width	1.74 m (5 ft. 9 in.)			
Height	373 mm (14.7 in.)	A		
Sprocket Center to Idler Center	1.66 m (5 ft. 5 in.)	ΤΙ /	¥1 /	
Undercarriage Length	2.11 m (6 ft. 11 in.)	B	2	
Counterweight Clearance	550 mm (22 in.)		and a	
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Lift Capacities

Ground Level at 3.05-m (10 ft.) Radius	12	Canopy and Standard Counterweight		Canopy and Extra Counterweight		Cab and Standard Counterweight		ra ht
Arm	Over Front*	Over Side	Over Front*	Over Side	Over Front*	Over Side	Over Front*	Over Side
1315-mm (4 ft. 4 in.) Standard	1568 kg	641 kg	1568 kg	765 kg	1568 kg	684 kg	1568 kg	808 kg
	(3,453 lb.)	(1,412 lb.)	(3,453 lb.)	(1,686 lb.)	(3,453 lb.)	(1,506 lb.)	(3,453 lb.)	(1,780 lb.)
1715-mm (5 ft. 8 in.) Long	1501 kg	630 kg	1501 kg	755 kg	1501 kg	672 kg	1501 kg	797 kg
	(3,307 lb.)	(1,388 lb.)	(3,307 lb.)	(1,662 lb.)	(3,307 lb.)	(1,481 lb.)	(3,307 lb.)	(1,756 lb.)

*Blade down (limited by hydraulics).



Main facturer and ModelYamar 4TW88CNon-Road Emission StandardEPA Final Tier 4/EU Stage IVNon-Road Emission StandardEPA Final Tier 4/EU Stage IVNet Power (ISO 9249)26.8 kW (35.9 hp) at 2,400 rpPowertationStandard Amount of the stage planetary gear-reduction boxMaintum Travel Speed2.5 km/h (1.6 mph)High4.2 km/h (2.6 mph)High4.2 km/h (2.6 mph)High120.0 L/m (31.7 gpm)Auxiliary Flow87.4 L/m (23.1 gpm)Auxiliary Flow120.0 L/m (31.7 gpm)Auxiliary Flow87.4 L/m (23.1 gpm)ControlsHydraulic Inlot-operated controls for boom, arm, bucket, swing, boom swing, blade, travel, and auxiliary flort-controlsEtertical120.0 L/m (31.7 gpm)Auxiliary Flow87.4 L/m (23.1 gpm)ControlsHydraulic Inlot-operated controls for boom, arm, bucket, swing, boom swing, blade, travel, and auxiliary flort-controlsEtertical120.0 L/m (31.7 gpm)Auxiliary Flow2 halogen: 1 mounted on operator's station and 1 mounted on boomUndercariage1380-mm (4 ft. 6 in)Track, Rubber1380-mm (4 ft. 6 in)Ground Pressure1380-mm (4 ft. 6 in)Standard Arm, Controls2 halogen: 1 wounted on unter on and 2 hong Arm, ControlsWith Rubber Track2 6.9 kPa (3.90 ps)2 3.8 kPa (4.10 ps)2 3.5 kPa (4.20 ps)Upperture2 6.9 kPa (3.90 ps)2 3.8 kPa (4.10 ps)2 5.5 kPa (4.20 ps)Upperture2 6.9 kPa (3.90 ps)2 8.0 kPa (4.10 ps)2 5.5 kPa (4.20 ps)Uppertur	Engine	50G			
Non-Read Emission Standard EPA Final Tirer 4/EU Stage IV Displacement 2,19 L (134 cu, in.) Non-Read Emission Standard 2,6 8 kW (55.3 ph) at 2,400 rpm Powertrain Each track independently driven by hydrostatic axial-piston motor connected to 2-stage planetary gear-reduction box Maximum Travel Speed 2,5 km/h (1.6 mph) Low 2,5 km/h (1.6 mph) High 4,2 km/h (2.6 mph) Mydraulics Cosed-center load sensing with 1 variable-displacement pump Pump Flow 120,0 L/m (3.7, gpm) Auxiliary Flow 87,4 L/m (2.1, gpm) Controls Hydraulic plot-operated controls for boom, arm, bucket, swing, boom swing, blade, travel, and auxiliary functions Electrical Floreader and and travel and auxiliary functions Controls Hydraulic plot-operated controls for boom, arm, bucket, swing, boom swing, blade, travel, and auxiliary functions Controls Hydraulic plot-operated controls for boom, arm, bucket, swing, boom swing, blade, travel, and auxiliary functions Controls Hydraulic plot-operated controls for boom, arm, bucket, swing, boom swing, blade, travel, and auxiliary functions Controls Standard Arm, Canopy, 1380-mm (Aft. 6 in.) Good Pressore Ground Pressore 1380-m	-				
Displacement 2.19 L 13 4 cu. in, or or or one ceted to 2-stage planetary gear-reduction box Net Power (ISO 9249) 26.8 kW (35.9 hp) at 2,400 pr m Each track independently driven by hydrostatic axial-piston motor connected to 2-stage planetary gear-reduction box Miximum Travel Seed Low 2.5 km/h (1.6 mph) High 4.2 km/h (2.6 mph) High 4.2 km/h (2.6 mph) Mydraulics Used Second Seco			IV		
Nei Power (150 92/9) 26.8 kW (35.9 hp] at 2,400 rpm Power takindependently driven by hydrostatic axial-piston motor connected to 2-stage planetary gear-reduction box Maximum Travel Speed Low 2.5 km/h (1.6 mph) High 4.2 km/h (2.6 mph) Hoge Tool 2.5 km/h (2.6 mph) High 4.2 km/h (2.6 mph) Hi		2			
Powertrain Each track independently driven by hydrostatic axial-piston motor connected to 2-stage planetary gear-reduction box Maximum Travel Speed Low 2.5 km/h (1.6 mph) High 4.2 km/h (2.6 mph) Hydraulics Coced-center load sensing with 1 variable-displacement pump Pump Flow Controls 87.4 L/W (12.1 gpm) Controls Hydraulic pliot-operated controls for boom, arm, bucket, swing, boom swing, blade, travel, and auxiliary Electrical	1)0 rpm		
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Maximu Traviel Speed		on motor connected to 2-sta	ige planetary gear-reduction	n hox	
High 4.2 km/h (2.6 mph) Hydraulics Cosed-center load sensing with 1 variable-displacement pump Pump Flow 120.0 L/m (31.7 gpm) Auxiliary Flow 87.4 L/m (2.3.1 gpm) Controls Hydraulic pilot-operated controls for boom, arm, bucket, swing, boom swing, blade, travel, and auxiliary functions Electrical Tunctions Electrical Tunctions Control S Algena tor Rating Mork Lights 2 balogen: 1 mounted on operator's station and 1 mounted on boom Undercarriage Tunctions Tack, Rubber 400 mm (16 in.) Ground Pressure 1380-mm (4 ft. 6 in.) Standard Arm, Conzoy, und Standard Counterweight Extra Counterweight With Rubber Track 26 9 kPa (3.90 psi) 28.3 kPa (4.10 psi) 28.8 kPa (4.17 psi) Upperstructure Spring applied, hydraulically released, automatic, disc type Standard Arm, Cob, and Swing Speed 9.0 rpm Spring applied, hydraulically released, automatic, disc type Spring applied, hydraulically released, automatic, disc type Swing Speed 50.1 (5.3 qt.) 1380-mm (4 ft. 6 in.) 1690-mm (5 ft. 7 in.) 1690-mm (5 ft. 7 in.) Swing Speed 50.1 (18.5 gal.) <t< td=""><td>Maximum Travel Speed</td><td></td><td>ge planetary gear-reduction</td><td></td><td></td></t<>	Maximum Travel Speed		ge planetary gear-reduction		
Hydraulics 120.0 L/m (31.7 gpm) Closed-center load sensing with 1 variable-displacement pump 120.0 L/m (31.7 gpm) Auxiliary Flow 87.4 L/m (23.1 gpm) Controls Hydraulic pilet-operated controls for boom, arm, bucket, swing, boom swing, blade, travel, and auxiliary functions Electrical Functions Electrical Number of the sense	Low	2.5 km/h (1.6 mph)			
Closed-center load sensing with 1 variable-displacement pump 120.0 L/m (3.1 gpm) Pump Flow 87.4 L/m (2.3.1 gpm) Auxiliary Flow Hydraulic pilot-operated controls for boom, arm, buckt, swing, boom swing, black, travel, and auxiliary functions Electrical Hydraulic pilot-operated controls for boom, arm, buckt, swing, boom swing, black, travel, and auxiliary functions Electrical Automator Rating S5 amp Work Lights 2 halogen: 1 mounted on operator's station and 1 mounted on boom Internator Rating Tack, Rubber 400 mm (16 in.) If S0-mm (4 ft. 6 in.) If S0-mm (5 ft. 7 in.) If S0 s0 S0 S0 S0 S0 S0 S0 S0 S0 S0 <td>High</td> <td>4.2 km/h (2.6 mph)</td> <td></td> <td></td> <td></td>	High	4.2 km/h (2.6 mph)			
Pump Flow12.0. L/m (13.7.gpm)Auxiliary Flow87.4 L/m (23.1 gpm)Auxiliary Flow87.4 L/m (23.1 gpm)ControlsHydraulic pilot-operated controls for boom, arm, bucket, swing, boom swing, blade, travel, and auxiliary functionsElectricalAtternator Rating55 ampWork Lights2 halogen: 1 mounted on operator's station and 1 mounted on boomUndercarriageTrack, Rubber400 mm (16 in.)Ground Pressure1380-mm (4 fr. 6 in.)Stondard Arm, Canopy, wight1380-mm (4 fr. 6 in.)Stondard Counter- stondard Counter- stondard Counterweight1690-mm (5 fr. 7 in.) Long Arm, Coho, and Long Arm, Coho, and WeightWith Rubber Track26.9 kPa (3.90 psi)28.3 kPa (4.10 psi)28.8 kPa (4.17 psi)Swing Speed9.0 rpmIndependent Swing Boom Left60 deg. Spring applied, hydraulically released, automatic, disc typeSwing System5.0 L (5.3 qt.)Souing System5.0 L (5.3 qt.)Fuel Tank7.0 L (18.5 gal.)Cooling System5.0 L (5.3 qt.)Engine Oil with Filter8.6 L (14.8 gal.)Cooling System5.0 L (5.3 qt.)Standard Counter- standard Counter- standard Counter- standard Arm, Canop, and Log Arm, Caho, and keyftUng Arm, Caho, and weightStandard Arm, Canop, and Log Arm, Caho, and keyftLeft8.0 deg. Sindard Arm, Canop, and L (19.4 qt.)Hydraulically released, automatic, disc typeServicabilityColing System5.0 L (5.3 qt.)	Hydraulics				
Auxilary Flow 87.4 L/m (23.1 g/m) Controls Hydraulic pilot-operated controls for boom, arm, bucket, swing, boom swing, blade, travel, and auxiling functions Electrical Internators Rating S amp Mernator Rating 2 halogen: 1 mounted on operator's station and 1 mounted on boom Internators Rating Undecarriage 380-mm (4 ft. 6 in.) 1690-mm (5 ft. 7 in.) 1690-mm (5 ft. 7 in.) Tack, Rubber Tack 380-mm (4 ft. 6 in.) 1800-mm (4 ft. 6 in.) 1690-mm (5 ft. 7 in.) With Rubber Track 6.5 skPa (3.90 psi) 28.3 kPa (4.10 psi) 28.8 kPa (4.17 psi) 29.5 kPa (4.28 psi) Upperstructure Standard Counterweight Extra Counterweight	Closed-center load sensing with 1 variable-displacement	pump			
Controls Hydraulic pilot-operated controls for boom, arm, bucket, swing, boom swing, blade, travel, and auxiliary functions for boom. The second seco	Pump Flow	120.0 L/m (31.7 gpm)			
Controls Hydraulic pilot-operated controls for boom, arm, bucket, swing, boom swing, blade, travel, and auxiliary functions for boom. The second seco	Auxiliary Flow	87.4 L/m (23.1 gpm)			
Electrical Samp Alternator Rating 2 halogen: 1 mounted on operator's station and 1 mounted on boom Undercarriage 1 Ground Pressure 400 mm (16 in.) Standard Arm, Canopy, and Standard Arm, Canopy, and Standard Arm, Canopy, and Standard Arm, Cab, and weight 1380-mm (4 ft. 6 in.) With Rubber Track 26.9 kPa (3.90 psi) 28.3 kPa (4.10 psi) 28.8 kPa (4.17 psi) 29.5 kPa (4.28 psi) Upperstructure 25.9 kPa (3.90 psi) 28.3 kPa (4.10 psi) 28.8 kPa (4.17 psi) 29.5 kPa (4.28 psi) Upperstructure 25.9 kPa (3.90 psi) 28.3 kPa (4.10 psi) 28.8 kPa (4.17 psi) 29.5 kPa (4.28 psi) Upperstructure 25.9 kPa (3.90 psi) 28.3 kPa (4.10 psi) 28.8 kPa (4.17 psi) 29.5 kPa (4.28 psi) Upperstructure 25.9 kPa (3.90 psi) 28.3 kPa (4.10 psi) 28.8 kPa (4.17 psi) 29.5 kPa (4.28 psi) Upperstructure 25.9 kPa (3.90 psi) 28.3 kPa (4.10 psi) 28.8 kPa (4.17 psi) 29.5 kPa (4.28 psi) Upperstructure 50.0 rm 50	Controls	Hydraulic pilot-operated	controls for boom, arm, buo	ket, swing, boom swing, b:	lade, travel, and auxiliary
Work Lights 2 halogen: 1 mounted on operator's station and 1 mounted on boom Undercarriage 400 mm (16 in.) Track, Rubber 400 mm (16 in.) Ground Pressure 1380-mm (4 ft. 6 in.) 1690-mm (5 ft. 7 in.) 1690-mm (5 ft. 7 in.) Autor of Standard Counter-weight Standard Counter-weight Standard Arm, Canopy, and Long Arm, Cab, and Long Arm, Cab, and Long Arm, Cab, and Long Arm, Cab, and Standard Counter-weight 29.5 kPa (4.28 psi) Upperstructure Standard Counter-weight 28.8 kPa (4.17 psi) 29.5 kPa (4.28 psi) Upperstructure Standard Counter-weight 28.8 kPa (4.17 psi) 29.5 kPa (4.28 psi) Swing Speed 9.0 rpm Standard Counter-weight 28.8 kPa (4.17 psi) 29.5 kPa (4.28 psi) Swing Speed 9.0 rpm Standard Counter-weight 28.8 kPa (4.17 psi) 29.5 kPa (4.28 psi) Swing Speed 9.0 rpm Standard Counter-weight 28.8 kPa (4.17 psi) 29.5 kPa (4.28 psi) Swing Speed 9.0 rpm Standard Counter-weight 28.8 kPa (4.17 psi) 29.5 kPa (4.28 psi) Swing Speed 9.0 rpm Standard Counter-weight 38.8 standard Counter-weight 38.8 standard Counter-weight	Electrical				
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Track, Rubber 400 mm (16 in.) Ground Pressure 1380-mm (4 ft. 6 in.) Standard Arm, Canopy, and Standard Counter- weight 1380-mm (4 ft. 6 in.) With Rubber Track 26.9 kPa (3.90 psi) 28.3 kPa (4.10 psi) 28.8 kPa (4.17 psi) 29.5 kPa (4.28 psi) Upperstructure 28.9 kPa (3.90 psi) 28.3 kPa (4.10 psi) 28.8 kPa (4.17 psi) 29.5 kPa (4.28 psi) Independent Swing Boom 9.0 rpm 5.5 standard Counter- weight 5.5 standard Stan					
Standard Arm, Canopy, and Standard Counter- weight 1380-mm (4 ft. 6 in.) Standard Arm, Cab, and Standard Counterweight 1690-mm (5 ft. 7 in.) Long Arm, Cab, and Extra Counterweight 1690-mm (5 ft. 7 in.) Long Arm, Cab, and Extra Counterweight With Rubber Track 26.9 kPa (3.90 psi) 28.3 kPa (4.10 psi) 28.8 kPa (4.17 psi) 29.5 kPa (4.28 psi) Upperstructure 50.0 prm 50.0 prm 50.0 prm 50.0 prm 50.0 prm Independent Swing Boom 50.0 prm 50.0 prm 50.0 prm 50.0 prm 50.0 prm Swing Brake 80 deg. 50.0 pr 50.0 pr 50.0 pr 50.0 pr Swing Brake Spring applied, hydraulically released, automatic, dist type 50.0 pr 50.0 pr 50.0 pr Fuel Tank 70 L (18.5 gal.) 50.0 pr 50.0 pr 50.0 pr 50.0 pr Hydraulic Tank 50.1 pr 51.0 pr 50.0 pr 50.0 pr 50.0 pr Operating Weights 51.0 pr 51.0 pr 51.0 pr 50.0 pr 50.0 pr Up and Standard Counter- weight 51.0 pr 51.0 pr 50.0 pr 50.0 pr 50.0 pr 50.0 pr 50.0 pr	Track, Rubber	400 mm (16 in.)			
and Standard Counter- weightStandard Arm, Cab, and Standard CounterweightLong Arm, Cab, and Extra CounterweightWith Rubber Track26.9 kPa (3.90 psi)28.3 kPa (4.10 psi)28.8 kPa (4.17 psi)29.5 kPa (4.28 psi)UpperstructureStandard Counterweight29.5 kPa (4.28 psi)29.5 kPa (4.28 psi)29.5 kPa (4.28 psi)Ungendent Swing BoomUUUUULeft80 deg.UUUURight60 deg.UUUUUSwing BrakeSpring applied, hydraulically released, automatic, disc typeUUURefil CapacitiesUU (18.5 gal.)UUUUFuel Tank70 L (18.5 gal.)UUUUUUHydraulic Tank56 L (14.8 gal.)UUU <t< td=""><td>Ground Pressure</td><td>1380-mm (4 ft. 6 in.)</td><td></td><td></td><td></td></t<>	Ground Pressure	1380-mm (4 ft. 6 in.)			
With Rubber Track 26.9 kPa (3.90 psi) 28.3 kPa (4.10 psi) 28.8 kPa (4.17 psi) 29.5 kPa (4.28 psi) Upperstructure Sving Speed 9.0 rpm Standard Ram (4.10 psi) 28.8 kPa (4.17 psi) 29.5 kPa (4.28 psi) Swing Speed 9.0 rpm Standard Ram (4.10 psi) 28.8 kPa (4.17 psi) 29.5 kPa (4.28 psi) Independent Swing Boom Standard Ram (4.10 psi) 28.8 kPa (4.17 psi) 29.5 kPa (4.28 psi) Left 80 deg. Standard Ram (4.10 psi) 28.8 kPa (4.17 psi) 29.5 kPa (4.28 psi) Swing Speed 9.0 rpm Standard Arm (4.10 psi) 28.8 kPa (4.17 psi) 29.5 kPa (4.28 psi) Independent Swing Boom Standard Arm (4.10 psi) Standard Arm (5.10 psi) Standard Arm (4.10 psi) Standard Arm (5.10 psi) Standard Arm (2.10 psi) Standard A		and Standard Counter-	Standard Arm, Cab, and	Long Arm, Canopy, and	Long Arm, Cab, and
Upperstructure 9.0 rpm Swing Speed 9.0 rpm Independent Swing Boom	With Rubber Track	5	5	5	5
Independent Swing Boom Left 80 deg. Right 60 deg. Swing Brake Spring applied, hydraulically released, automatic, disc type Serviceability Refill Capacities Fuel Tank 70 L (18.5 gal.) Cooling System 5.0 L (5.3 qt.) Engine Oil with Filter 8.6 L (9.1 qt.) Hydraulic Tank 56 L (14.8 gal.) Operating Weights Fuel Tank 70 L (18.5 gal.) Cooling System 5.0 L (5.3 qt.) Engine Oil with Filter 8.6 L (9.1 qt.) Hydraulic Tank 56 L (14.8 gal.) Operating Weights With 400-mm (16 in.) Rubber Track, Straight Blade, Full Fuel Tank, and 79-kg (175 lb.) Operator Optional Angle Blade 409 kg (902 lb.) Counterweight Standard M 700 kg (1,543 lb.)	Upperstructure	, , ,	, , ,	, , ,	, , ,
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With 400-mm (16 in.) Rubber Track, Straight Blade, Full 4790 kg (10,560 lb.) 4920 kg (10,847 lb.) 5018 kg (11,063 lb.) 5148 kg (11,349 lb.) Fuel Tank, and 79-kg (175 lb.) Operator 0 409 kg (902 lb.) 5018 kg (11,063 lb.) 5148 kg (11,349 lb.) Optional Angle Blade 409 kg (902 lb.) 600 kg (10,543 lb.) 500 kg (1,543 lb.)		Standard Arm, Canopy, and Standard Counter-	Standard Arm, Cab, and	Long Arm, Canopy, and	Long Arm, Cab, and
Optional Angle Blade 409 kg (902 lb.) Counterweight 700 kg (1,543 lb.)	With 400-mm (16 in.) Rubber Track, Straight Blade, Full	5	5	5	
Counterweight 700 kg (1,543 lb.)	Fuel Tank, and 79-kg (175 lb.) Operator				
Standard 700 kg (1,543 lb.)		409 kg (902 lb.)			
	Optional Angle Blade	409 kg (902 lb.)			
	Optional Angle Blade Counterweight				



50G			
1380-mm (4 ft. 6 in.)	1690-mm (5 ft. 7 in.)	1380-mm (4 ft. 6 in.)	1690-mm (5 ft. 7 in.)
Standard Arm and Canopy	Long Arm and Canopy	Standard Arm and Cab	Long Arm and Cab
5.75 m (18 ft. 10 in.)	6.00 m (19 ft. 8 in.)	5.75 m (18 ft. 10 in.)	6.00 m (19 ft. 8 in.)
4.07 m (13 ft. 4 in.)	4.31 m (14 ft. 2 in.)	4.07 m (13 ft. 4 in.)	4.31 m (14 ft. 2 in.)
3.53 m (11 ft. 7 in.)		3.53 m (11 ft. 7 in.)	3.83 m (12 ft. 7 in.)
			6.26 m (20 ft. 6 in.)
			2.30 m (7 ft. 7 in.)
· ·		. ,	5.52 m (18 ft. 1 in.)
5.47 m (17 ft. 11 m.)	5.52 m (10 m. 1 m.)	5.47 m (17 ft. 11 m.)	J.JZ III (1011. 111.)
24 0 kN (5 401 lb)	21 0 kN (/, 718 lb)	24 0 kN (5 401 lb)	21.0 kN (4,718 lb.)
,			36.8 kN (8,267 lb.)
50.8 KN (0,207 ID.)	JU.0 KIN (0,207 ID.)	50.8 KN (8,207 ID.)	30.0 KN (0,207 ID.)
1.85 m (6 ft. 1 in.)			
400 mm (16 in.)			
			-
340 mm (13 in.)		├	_∃→
1.00 m (39 in.)			
1.10 m (43 in.)			
1.59 m (5 ft. 3 in.)			
460 mm (18 in.)			
360 mm (14 in.)		Te .	
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	5.75 m (18 ft. 10 in.) 4.07 m (13 ft. 4 in.) 3.53 m (11 ft. 7 in.) 5.96 m (19 ft. 7 in.) 2.21 m (7 ft. 3 in.) 5.47 m (17 ft. 11 in.) 24.0 kN (5,401 lb.) 36.8 kN (8,267 lb.) 1.85 m (6 ft. 1 in.) 2.53 m (8 ft. 4 in.) 2.53 m (8 ft. 4 in.) 400 mm (16 in.) 2.00 m (6 ft. 7 in.) 340 mm (13 in.) 1.00 m (39 in.) 1.10 m (43 in.)	5.75 m (18 ft. 10 in.) 4.07 m (13 ft. 4 in.) 3.53 m (11 ft. 7 in.) 5.96 m (19 ft. 7 in.) 2.21 m (7 ft. 3 in.) 2.4.0 kN (5,401 lb.) 36.8 kN (8,267 lb.) 1.85 m (6 ft. 1 in.) 2.53 m (8 ft. 4 in.) 2.00 m (6 ft. 7 in.) 340 mm (13 in.) 1.00 m (39 in.) 1.10 m (43 in.) 360 mm (14 in.) 2.00 m (6 ft. 7 in.) 375 mm (15 in.) 2.00 m (6 ft. 7 in.) 375 mm (15 in.) 2.00 m (8 ft. 2 in.) 460 mm (8 ft. 2 in.) 460 mm (16 in.) 2.00 m (6 ft. 7 in.) 375 mm (15 in.) 2.00 m (6 ft. 7 in.) 375 mm (15 in.) 2.00 m (8 ft. 2 in.) 40 m (8 ft. 2 in.)	5.75 m (18 ft. 10 in.) 4.07 m (13 ft. 4 in.) 3.53 m (11 ft. 7 in.) 5.96 m (19 ft. 7 in.) 5.96 m (19 ft. 7 in.) 2.21 m (7 ft. 3 in.) 2.40 kN (5,401 lb.) 21.0 kN (4,718 lb.) 24.0 kN (5,401 lb.) 21.0 kN (4,718 lb.) 24.0 kN (5,401 lb.) 36.8 kN (8,267 lb.) 400 mm (16 in.) 2.00 m (6 ft. 7 in.) 360 mm (14 in.) 2.00 m (6 ft. 7 in.) 375 mm (15 in.) 2.00 m (6 ft. 7 in.) 375 mm (15 in.) 2.00 m (8 ft. 2 in.) 610 mm (24 in.) 400 mm (24 in.)

Lift Capacities									
Ground Level at 3.05-m (10 ft.) Radius		Canopy and Standard Counterweight		Canopy and Extra Counterweight		Cab and Standard Counterweight		Cab and Extra Counterweight	
Arm	Over Front*	Over Side	Over Front*	Over Side	Over Front*	Over Side	Over Front*	Over Side	
1380-mm (4 ft. 6 in.) Standard	2511 kg (5,531 lb.)	1110 kg (2,444 lb.)	2511 kg (5,531 lb.)	1232 kg (2,714 lb.)	2511 kg (5,531 lb.)	1150 kg (2,534 lb.)	2511 kg (5,531 lb.)	1273 kg (2,803 lb.)	
1690-mm (5 ft. 7 in.) Long	2477 kg (5,456 lb.)	1088 kg (2,396 lb.)	2477 kg (5,456 lb.)	1210 kg (2,666 lb.)	2477 kg (5,456 lb.)	1129 kg (2,486 lb.)	2477 kg (5,456 lb.)	1251 kg (2,755 lb.)	

*Blade down (limited by hydraulics).

60G

Engine	60G			
Manufacturer and Model	Yanmar 4TNV98C			
Non-Road Emission Standard	EPA Final Tier 4/EU Stage	IV		
Displacement	3.3 L (203 cu. in.)			
Net Power (ISO 9249)	39.6 kW (53 hp) at 2,000	rpm		
Powertrain				
Each track independently driven by hydrostatic axial-pisto	n motor connected to 2-sta	ge planetary gear-reductio	n box	
Maximum Travel Speed		5, 55		
Low	2.9 km/h (1.8 mph)			
High	4.8 km/h (3.0 mph)			
Hydraulics				
Closed-center load sensing				
Main Pumps	1 variable-displacement p	amu		
Pump Flow	144 L/m (38.0 gpm)	, and p		
Auxiliary Flow	92 L/m (24.2 qpm)			
Controls		controls for boom, arm, bud	ket swing hoom swing h	lade travel and auxiliary
	functions			ace, stavel, and dakindry
Electrical				
Alternator Rating	55 amp			
Work Lights	1	boom and 1 mounted on fr	ame	
Undercarriage	2 halogen. I mounted on	boom and T mounted on m	unic	
Track. Rubber	400 mm (16 in.)			
Ground Pressure	. ,	andard Arm and Standard	1850-mm (6 ft 1 in 11 or	a Arm and Extra Counter
	Counterweight		weight	ig Ann and Extra counter
With Rubber Track	35 kPa (5.12 psi)		37 kPa (5.37 psi)	
Upperstructure	55 ki û (5.12 psi)		57 ki u (5.57 psi)	
Swing Speed	9.5 rpm			
Independent Swing Boom	5.5 ipin			
Left	80 deg.			
Right	60 deg.			
Swing Brake	5	ally released, automatic, dis	c type	
Serviceability	spring applied, hydradied	iny released, automatic, ais	e type	
Refill Capacities				
Fuel Tank	120 L (31.7 gal.)			
Cooling System	7.7 L (8.1 qt.)			
Engine Oil with Filter	11.2 L (11.8 qt.)			
Hydraulic Tank	80 L (21.1 gal.)			
,	ou L (21.1 gal.)			
Operating Weights	1500 mm // ft 11 in 1	1500-mm (4 ft. 11 in.)	1850-mm (6 ft. 1 in.)	1850-mm (6 ft. 1 in.)
	1500-mm (4 ft. 11 in.)	. ,	· /	· /
	Standard Arm, Standard	,	Long Arm, Extra Coun-	Long Arm, Extra Coun-
	Counterweight, and	Counterweight, and	terweight, and Rubber	terweight, and Steel
	Rubber Tracks	Steel Tracks	Tracks	Tracks
			6443 kg (14,204 lb.)	6543 kg (14,425 lb.)
With 0.22-m ³ (7.8 cu. ft.) Bucket, Full Fuel Tank, and	6145 kg (13,547 lb.)	6245 kg (13,768 lb.)	e : :5 ::g (: :,=e : :5:,	5, , ,
79-kg (175 lb.) Operator		6245 kg (15,766 lb.)	······································	5, , ,
79-kg (175 lb.) Operator Optional Angle Blade	6145 kg (13,547 lb.) 458 kg (1,010 lb.)	6245 kg (15,766 lb.)	o o g (, = o ,	5,
79-kg (175 lb.) Operator Optional Angle Blade Counterweight	458 kg (1,010 lb.)	6245 kg (15,766 lb.)	·····	2
79-kg (175 lb.) Operator Optional Angle Blade		6245 kg (13,766 lb.)	oog (oo.)	5

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Operating Dimensions	60G	
	1500-mm (4 ft. 11 in.) Standard Arm	1850-mm (6 ft. 1 in.) Long Arm
A Maximum Cutting Height	5.96 m (19 ft. 7 in.)	6.19 m (20 ft. 4 in.)
B Maximum Dumping Height	4.17 m (13 ft. 8 in.)	4.41 m (14 ft. 6 in.)
Maximum Digging Depth	3.77 m (12 ft. 4 in.)	4.12 m (13 ft. 6 in.)
D Maximum Digging Reach	6.23 m (20 ft. 5 in.)	6.56 m (21 ft. 6 in.)
E Minimum Front Swing Radius	2.45 m (8 ft. 0 in.)	2.54 m (8 ft. 4 in.)
F Transport Length	5.76 m (18 ft. 11 in.)	5.90 m (19 ft. 4 in.)
Digging Force (ISO)		
Arm	31.1 kN (6,989 lb.)	27.0 kN (6,063 lb.)
Bucket	41.1 kN (9,237 lb.)	41.1 kN (9,237 lb.)
Vachine Dimensions		
G Upperstructure Width	2.00 m (6 ft. 7 in.)	
H Overall Height	2.54 m (8 ft. 4 in.)	
Track Width	400 mm (16 in.)	
Undercarriage Width	2.00 m (6 ft. 7 in.)	
Ground Clearance	340 mm (13 in.)	
L Tail Swing Radius	ן.ווו כדן ווווו סדכ	← E→
With Standard Arm	1.30 m (4 ft. 3 in.)	
With Long Arm and Extra Counterweight	1.41 m (4 ft. 8 in.)	
M Engine Cover Height	1.60 m (5 ft. 3 in.)	
N Maximum Blade Lift Above Ground	, ,	
D Maximum Blade Drop Below Ground	460 mm (18 in.) 370 mm (15 in.)	
Blade	370 mm (15 m.)	
	2.00 m (C ft 7 in)	
Width	2.00 m (6 ft. 7 in.)	
Height	420 mm (16 in.)	
P Sprocket Center to Idler Center	1.55 III (0 II. 0 III.)	
C Track Length	2.50 m (8 ft. 2 in.) 620 mm (24 in.)	
R Counterweight Clearance	620 mm (24 in.) B	
No. of the second secon		
PT CONTRACTOR		
		← F
G		
		<u>∖</u>

Lift Capacities

Ground Level at 3.05-m (10 ft.) Radius	Standard Counterweight		Standard Counterweight		Extra Counterweight		Extra Counterweight	
	and Rubber Track		and Steel Track		and Rubber Track		and Steel Track	
Arm	Over Front*	Over Side	Over Front*	Over Side	Over Front*	Over Side	Over Front*	Over Side
1500-mm (4 ft. 11 in.) Standard	3785 kg	1463 kg	3785 kg	1490 kg	3785 kg	1657 kg	3785 kg	1683 kg
	(8,345 lb.)	(3,225 lb.)	(8,345 lb.)	(3,284 lb.)	(8,345 lb.)	(3,652 lb.)	(8,345 lb.)	(3,711 lb.)
1850-mm (6 ft. 1 in.) Long	3719 kg	1444 kg	3719 kg	1471 kg	3719 kg	1638 kg	3719 kg	1665 kg
	(8,198 lb.)	(3,184 lb.)	(8,198 lb.)	(3,243 lb.)	(8,198 lb.)	(3,612 lb.)	(8,198 lb.)	(3,671 lb.)

*Blade down (limited by hydraulics).

Additional equipment

35G	50 G	60G	Engine
•	۲	•	Meets EPA Final Tier 4/EU Stage IV
			emissions
•	•	•	Engine coolant to –37 deg. C (–34
			deg. F)
•	٠	٠	Engine preheater
•	۲	•	Fan guard
•	٠	•	Fuel/water separator
•	•	•	Full-flow oil filter
•	۲	•	Isolation mounted
•	•	•	Key start switch with electric fuel shutoff
•	٠	٠	Single dry-type air filter
			Hydraulic System
۲	۲	•	Auxiliary function right-hand pilot-
			lever control
•	•	•	Auxiliary hydraulic lines with quick-
			couplers to end of boom
•	٠	•	Auxiliary return-flow selector valve
•	•	•	Axial-piston swing motor
•	۲	•	Boom-swing foot control
•	•	•	Excavator-to-backhoe control
			pattern change valve
•			Open center with 2 variable-displace-
			ment pumps and 1 fixed-gear pump
	•	•	Closed center load sensing with
	-	-	1 variable-displacement pump
•	•	•	Hydraulic pilot-operated controls
			for boom, arm, bucket, swing, boom
			swing, blade, travel, and auxiliary functions
			Wet-disc swing brake
•	•	•	Undercarriage
			Planetary final drive
-	-		3
•	•	•	Propel motor shield
•	•	•	2-speed axial-piston propel motors
•			Rubber track, 300 mm (12 in.)
	•	•	Rubber track, 400 mm (16 in.)
			Steel track, 300 mm (12 in.) with
			triple semi-grousers

Key: ● Standard ▲ Optional or special

See your John Deere dealer for further information.

35G	50G	60G	Undercarriage (continued)
550	JU U	•	Steel track, 400 mm (16 in.) with
	-	-	triple semi-grousers
			Rubber crawler pad, 300 mm (12 in.)
-			Rubber crawler pad, 400 mm (16 in.)
	-	-	Upperstructure
			360-deg. rotation
-	•	•	Counterweight, 540 kg (1,190 lb.)
•			Counterweight, 700 kg (1,543 lb.)
	•	-	Counterweight, 745 kg (1,642 lb.)
-	•	•	
•	•	•	Hinged service-access doors
-	•	•	
•	•		ROPS/TOPS/FOPS (canopy)
		•	ROPS/TOPS/FOPS (cab) with air
-	~	-	conditioning and heater
•	•	•	Vandal protection for service doors,
-	•		fuel cap, and toolbox
•	•	_	Zero-tail-swing configuration
		•	Reduced-tail-swing configuration
			Front Attachments
•			Arm, 1315 mm (4 ft. 4 in.)
	•		Arm, 1380 mm (4 ft. 6 in.)
		•	Arm, 1500 mm (4 ft. 11 in.)
			Long arm, 1715 mm (5 ft. 8 in.),
			includes additional 240-kg (529 lb.)
			counterweight
			Long arm, 1690 mm (5 ft. 7 in.),
			includes additional 200-kg (441 lb.)
			counterweight
			Long arm, 1850 mm (6 ft. 1 in.),
			includes additional 270-kg (595 lb.)
-	~	-	counterweight
•	•	•	Articulation hose shield
•			Backfill blade, 1.74 m (5 ft. 9 in.)
	٠	•	Backfill blade, 2.00 m (6 ft. 7 in.)
			Hydraulic angle backfill blade
•			Boom, 2.465 m (8 ft. 1 in.)
	•		Boom, 2.85 m (9 ft. 4.2 in.)
			Boom, 2.965 m (9 ft. 9 in.)

Mechanical quick-coupler

			-
35G	50G	60G	Front Attachments (continued)
			Augers: Planetary / Chain drive /
			Bits / Bit adapters
			Clamp
			Hammers: Points / Tools
			Quick-coupler buckets: Bucket
			teeth / Ditching / Heavy-duty
_	_	_	Operator's Station
•	•	•	Horn
•	•	•	Hour meter
•	•	•	Instrumentation lights
•	•	•	Monitor system: Preheat indicator / Engine oil pressure indicator with alarm / Alternator voltage indicator / Fuel gauge and low-fuel-level indi- cator / Engine coolant temperature gauge and engine coolant temper- ature indicator with alarm / Hour meter / Work lights indicator
•	•	•	Motion alarm with cancel switch
•	•	•	Work lights switch
•	•	•	Propel levers and foldable pedals
•	•	•	2 travel speeds with automatic shifting
•	•	•	Seat belt, 51 mm (2 in.), retractable
			Seat belt, 76 mm (3 in.), retractable
•	•		Vinyl seat with fore/aft adjustment
		•	Suspension seat (cloth)
			Front screen
			Rear secondary exit kit
			Electrical
•	٠	•	12-volt accessory outlet
•	٠	•	Alternator, 55 amp
•	۲	•	Low-maintenance battery
•	•	•	Blade-type multi-fused circuits
•	۲	•	Positive-terminal battery covers
			Lights
•	•	•	Work lights: Halogen / 1 mounted on operator's station / 1 mounted on boom



Net engine power is with standard equipment including air cleaner, exhaust system, alternator, and cooling fan at test conditions per ISO 9249. These machines are not equipped with spark-arrestor mufflers. Usage in forestry applications is not recommended. 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 units with standard arms, full fuel tanks, and 79-kg (175 lb.) operators; a 35C canopy unit with 610-mm (24 in.), 0.11-m² (4.0 cu. ft.) bucket, 300-mm (12 in.) rubber track, and 540-kg (1,190 lb.) counterweight; a 50C canopy unit with 610-mm (24 in.), 0.16-m³ (5.7 cu. ft.) bucket, 400-mm (16 in.) rubber track, and 700-kg (1,543 lb.) counterweight; and a 60C cab unit with 0.19-m³ (6.8 cu. ft.) bucket, 400-mm (16 in.) rubber track, and 745-kg (1,642 lb.) counterweight.