

Walk Greens Mowers



Take your greens to a new level.

You steered us in the right direction.

You told us you wanted straighter tracking in a walk greens mower, a more uniform cut, and easier servicing. And that's what you'll find in John Deere Walk Greens Mowers. A dual chain drive for the rear drum delivers even power distribution for consistent speed and straighter striping. A forward-mounted pivot point reduces operator influence over the cutting plane of the mower. Hand adjustment knobs allow for easy, fine adjustment of bedknife-to-reel. A quick-adjust handlebar fits operators of all sizes. And you can now choose a full-contouring cutting unit model, the new 220 E-Cut Hybrid.



180C

This narrow 18-in. (45.7 cm) walker is made for the undulating greens on your course. A 7/64-in. 2.8-mm bedknife for cutting down to 1/8 in. (3.2 mm) is standard equipment. As an option, a 5/64-in. (2 mm) ultra low-cut bedknife is available.





220 E-Cut Hybrid

An industry exclusive ball joint design and electric drive cutting unit allows for the first full-contouring cutting unit walk greens mower.

220C

An excellent all-around performer, the 22-in. (56 cm) 220C features reduced sound levels, decreased distance between the safety bail and handlebar for easier handling, and rear drum designed for less maintenance.



260C

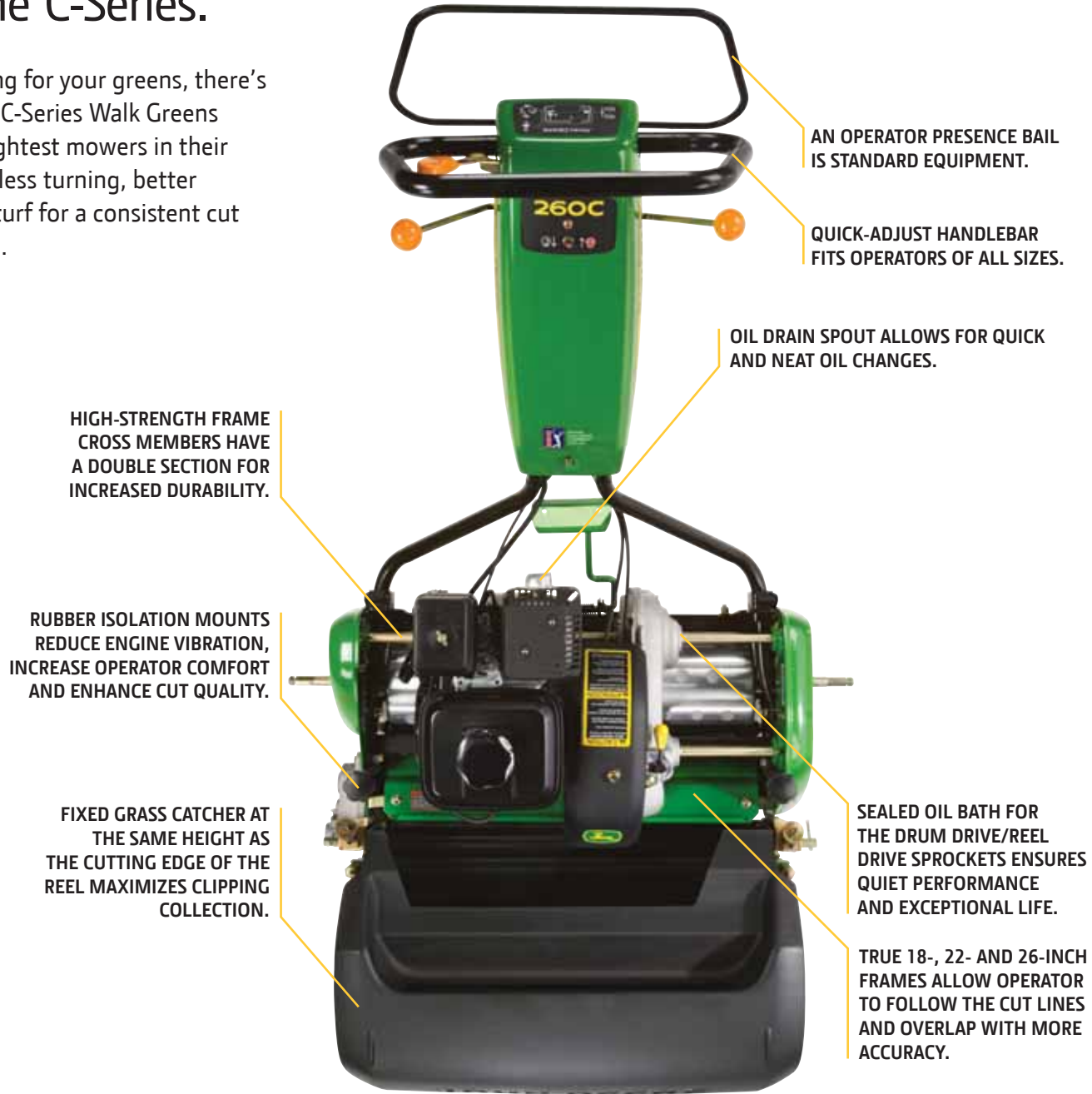
If you walk mow tees or approaches, the 26-in (66 cm) 260C is the perfect choice. You can choose between a standard 7-blade or optional 11-blade reel. Rear roller is dimpled for better traction.



Why you can trust your greens to the C-Series.

When it comes to caring for your greens, there's no surer choice than a C-Series Walk Greens Mower. Some of the lightest mowers in their class, they allow effortless turning, better engagement with the turf for a consistent cut and straighter tracking.

A quick walk-around:





A consistent cut, even with a less-experienced operator.

An operator can unconsciously affect the level of the cut by leaning forward or back. C-Series Walk Greens Mowers compensate for this influence with a forward-mounted pivot point that reduces the operator's leverage over the cutting plane of the mower. C-Series mowers also come standard with an engine gear reduction that marries throttle and reel speed across the full throttle range. So if you have an experienced operator who increases the throttle to mow at a faster speed and a less-experienced operator who slows it down, the frequency of clip between the operators is exactly the same.

Better turning, steering and straighter tracking.

On the C-Series, the distance from the rear drum to front roller is deliberately short. This, along with the low weight of the machine, reduces the effort needed to make turns.

Plus the dual chain drive on the traction drum ensures positive traction to both sides of the machine to keep the rear drum moving in a straight line every time.

Fewer steps to adjust, easier to maintain.

Hand adjustment knobs are the key to effortless, fine bedknife-to-reel and front roller adjustments. And greasable reel and roller bearings, instead of sealed bearings, make it easier to purge system of contaminants from daily use and washing.

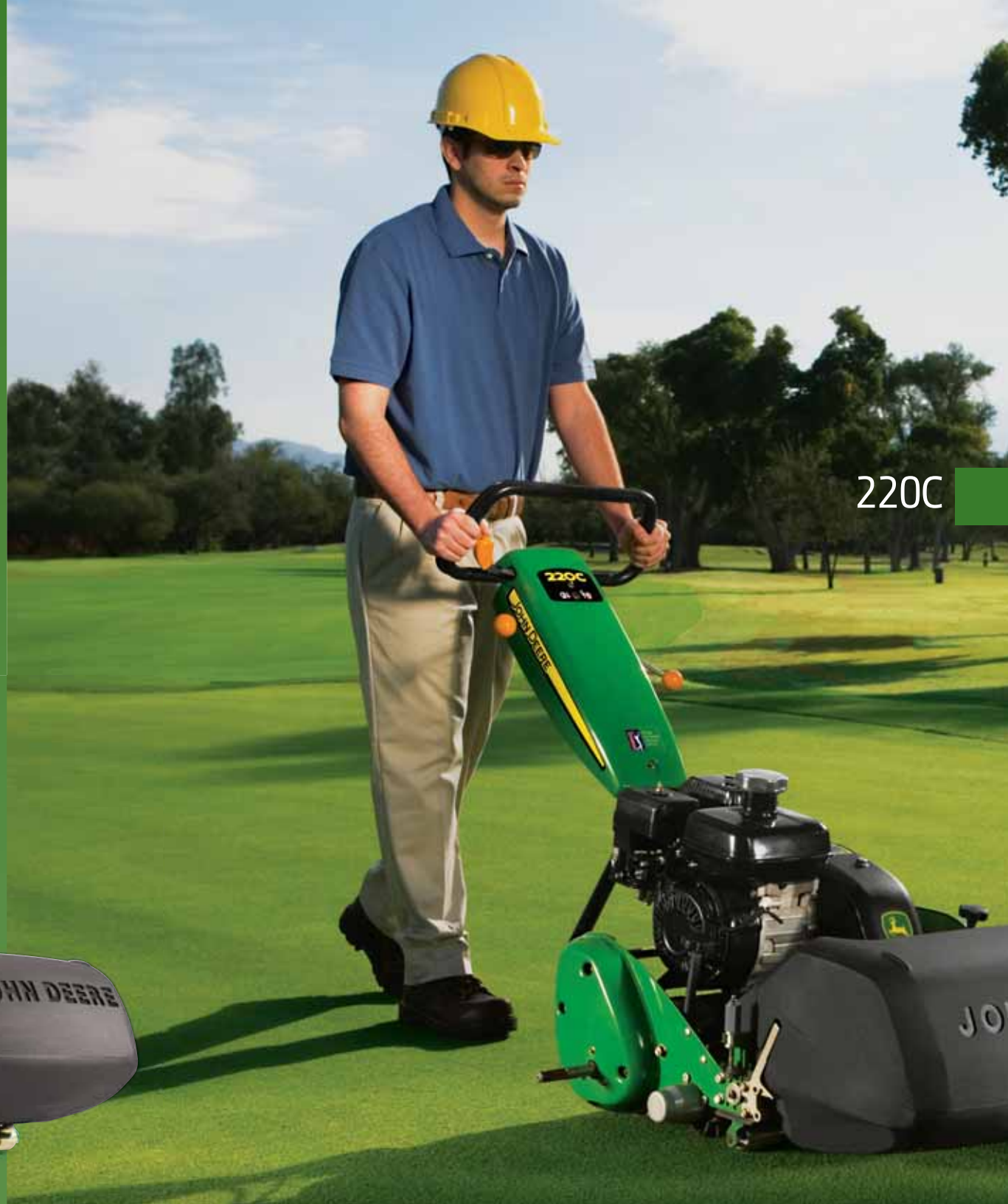
The C-Series line up.

For undulating greens, the 180C.

For the tricky greens on your course, consider the 18-inch walker, the 180C. Like the 220C and 260C, the 180C features a dual-traction rear drum powered by an external differential drive. This delivers even power distribution to both sides for the straightest possible tracking. A 2.8mm (7/64 inch) low-cut bedknife is standard on the 180C making it the ideal unit for undulating greens and for producing superior striping. A 2.0mm ultra-low-cut bedknife is available as an option.



180C



220C



A solid all-around performer, the 220C.

After getting feedback from customers, the 22-inch 220C features a rear drum for less maintenance, reduced sound levels, an ergonomic handlebar, an easy height-of-cut adjustment, and better serviceability. A smaller pitched chain and chain adjuster help dampen sound.

The 260C. The perfect mower for tees and approach areas.

If you walk mow tees or approaches, the top-of-the-line 26-inch 260C is the perfect choice. You can choose between an 11-blade or 7-blade reel. Special features include a larger muffler to reduce noise. Features a dimpled rear roller to increase traction.

The best way to travel—the 22B Utility Trailer*

The 22B can be used with a wide range of John Deere Mid-Duty Utility Vehicles or the ProGator™ Heavy-Duty Utility Vehicle.

- Carries two walk greens mowers
- Compatible with John Deere A, B & C-Series and 220 E-Cut Hybrid Walk Greens Mowers
- Multi-angle location ramp with stainless-steel latch system
- Spray-on bedliner on floor of trailer bed and ramp
- Welded storage holders retain bar when not in use

*Available fall 2009



260C



22B

You've never seen a greens mower follow undulations like this.

With a unique ball-joint design, the new 220 E-Cut Hybrid takes contour-following to new extremes. Its industry-exclusive ball-joint design combined with the E-Cut Hybrid electric-reel-drive technology allows for maximum movement of the cutting unit in following contours. And the cutting unit's range of motion can be adjusted to meet the most demanding conditions. This unique cutting system can even steer through the clean up pass—reducing stress around the outside of the green. All while a mechanical-drive traction drum keeps the mower speed consistent (to maintain a consistent frequency of clip no matter how severe an undulation). And all this technology was first suggested by you. So no wonder it performs flawlessly.

**STEER THROUGH
THE CLEAN-UP CUT.**

220 E-Cut Hybrid Walk Greens Mower

EXTREME CONTOUR FOLLOWING.

With a fully contouring head, the 220 E-Cut Hybrid can easily follow the most severe undulations. Limit chains control how much the cutting unit contours and the amount of rear roller drop when unit is lifted during a turn so you can easily adjust contouring for your greens.



EASIER BACKLAPPING.

On-board backlapping is standard. At a flip of a switch you can keep the reel and bedknife sharp for optimum cut quality.



NEW QUICK ADJUST REEL

Use a cordless drill with the patented Speed Link System to make quick height adjustments.



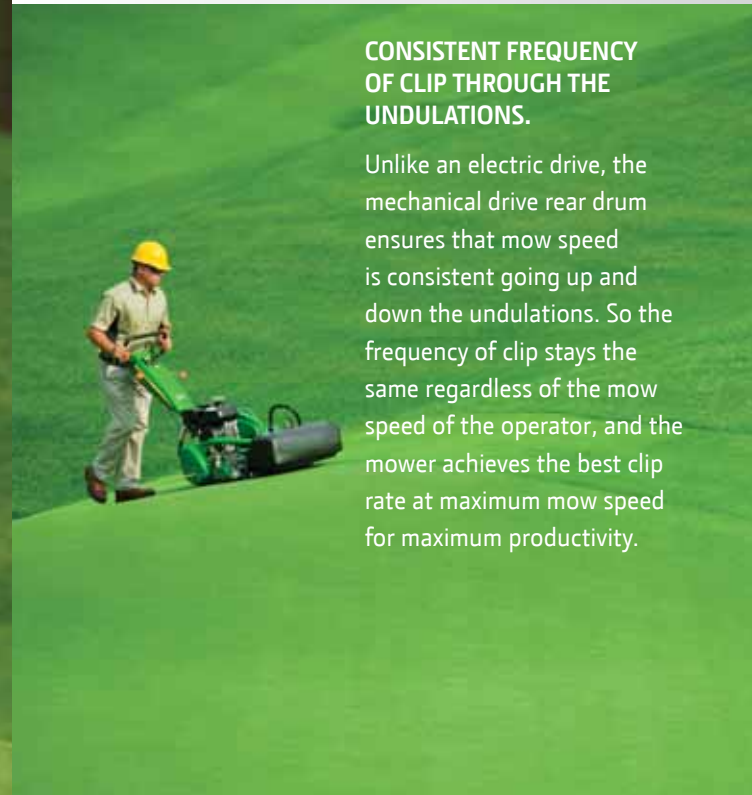
ADJUSTABLE FREQUENCY OF CLIP WITH LOCKOUT.

Frequency of clip can be adjusted with a simple dial, then mechanically locked to prevent further changes.



CONSISTENT FREQUENCY OF CLIP THROUGH THE UNDULATIONS.

Unlike an electric drive, the mechanical drive rear drum ensures that mow speed is consistent going up and down the undulations. So the frequency of clip stays the same regardless of the mow speed of the operator, and the mower achieves the best clip rate at maximum mow speed for maximum productivity.



Specifications

180C Walk Greens Mower

220C Walk Greens Mower

| Engine | | |
|---|---|--|
| Type | Honda, air-cooled, GX120 | Honda, air-cooled, GX120 |
| Cycle | 4-cycle | 4-cycle |
| Bore and stroke, in. (mm) | 2.36-in x 1.73-in (60 x 44 mm) | 2.36-in x 1.73-in (60 x 44 mm) |
| Piston displacement, cc | 118 cc | 118 cc |
| Compression ratio | 8.05:01 | 8.05:01 |
| Horsepower, hp (kW) | 3.5 hp (2.6 kW)* | 3.5 hp (2.6 kW) |
| Direction of rotation of output shaft | Counterclockwise viewed from shaft side | Counterclockwise viewed from shaft side |
| Inclination limit | Tilted up to 20 degrees in any direction | Tilted up to 20 degrees in any direction |
| Idle speed at output shaft, rpm | 1,300 rpm | 1,300 rpm |
| Maximum speed at output shaft, rpm | 3100 rpm | 3100 rpm |
| Fuel | | |
| Type | Regular grade unleaded or leaded | Regular grade unleaded or leaded |
| Tank capacity, U.S. qt. (l) | 2.7 US qt (2.5 L) | 2.7 US qt (2.5 L) |
| Oil | | |
| Type | SAE30 or SAE 10W-30 | SAE30 or SAE 10W-30 |
| Capacity, U.S. qt. (l) | 0.6 US qt (0.57 L) | 0.6 US qt (0.57 L) |
| Differential drive capacity, U.S. pt. (l) | 0.7 US pts (0.35 L) | 0.7 US pts (0.35 L) |
| Cutting Equipment | | |
| Cutting width | 18-in (45.7 cm) | 22-in (55.9 cm) |
| Cutting height (minimum), in. (cm) | --- | --- |
| Standard - 3.0 mm bedknife, in. (mm) | 1/8-in (3.2 mm) | 1/8-in (3.2 mm) - standard on 220C |
| Optional - 2.5 mm bedknife, in. (mm) | 7/64-in (2.8 mm) - standard on 180C | 7/64-in (2.8 mm) |
| Optional - 2.0 mm bedknife, in. (mm) | 5/64-in (2.0 mm) | 5/64-in (2.0 mm) |
| Optional - tee bedknife, in. (mm) | N/A | N/A |
| Frequency of clip standard, in. (mm) | 0.182 in (4.62 mm) | 0.182 in (4.62 mm) |
| Reel | | |
| Diameter, in. (mm) | 5-in (127 mm) | 5-in (127 mm) |
| Number of blades | 11 blade | 11 blade |
| Material | Heat-treated chromium molydenum steel | Heat-treated chromium molydenum steel |
| Bedknife - standard, in. (mm) | 0.098-in (2.5 mm) thick x 18-in (45.8 cm) long | 0.118-in (3.0 mm) thick x 22-in (56.0 cm) long |
| Rotary Brush and Greens Tender Conditioner (Optional) | | |
| Brush | Interlocked w/ reel, rotation in reverse direction; 2-3/8-in (60 mm) diameter nylon | Interlocked w/ reel, rotation in reverse direction; 2-3/8-in (60 mm) diameter nylon |
| Vertical cutter blades | Specially hardened carbon tool steel; star shaped; 2-3/8-in (60 mm) diameter, 60 blades | Specially hardened carbon tool steel; star shaped; 2-3/8-in (60 mm) diameter, 75 blades |
| Adjustable brush or cutter height, in. (mm) | Brush even with Height of cut; GTC 1/32-in (.79 mm) below height of Cut | Brush even with Height of cut; GTC 1/32-in (.79 mm) below height of Cut |
| Gear drive | Gear driven from reel shaft, opposite direction of reel, rotation powers brush or vertical cutter | Gear driven from reel shaft, opposite direction of reel, rotation powers brush or GTC blades |
| Grass Catcher | | |
| Size, lb. (kg) | 6-lb (2.7 kg) | 7-lb (3.2 kg) |
| Type | Polyethylene | Polyethylene |
| Clutches | | |
| Transport | Belt tension | Belt tension |
| Reel jaw-type clutch | On/off | On/off |
| Brush/GTC jaw-type clutch | On/off | On/off |
| Traction drum | Dual, aluminum, traction | Dual, aluminum, traction |
| Traveling Device | | |
| Forward speed, mph (km/h) | 5.2 mph (8.4 km/h) with transport wheels @3500 engine rpm | 5.2 mph (8.4 km/h) with transport wheels @3500 engine rpm |
| Roller (rear), in. (mm) | Aluminum, 7.5-in (190 mm) diameter | Aluminum, 7.5-in (190 mm) diameter |
| Roller (front) (grooved or smooth), in. (mm) | Machined steel, 2-3/8-in (60 mm) diameter (for cutting height adjustment) | Machined steel, 2-3/8-in (60 mm) diameter (for cutting height adjustment) |
| Dimensions | | |
| Length (w/tires installed), in. (mm) | 37-in (94 cm) | 37-in (94 cm) |
| Width (w/tires installed), in. (cm) | 33.25-in (84.5 cm) | 37.25-in (94.6 cm) |
| Height (w/tires installed), in. (cm) | 47-in (119 cm) | 47-in (119 cm) |
| Weight (less GTC's, gear drive and transport wheel, with catcher), lb. (kg) | 203 lbs (92.3 kg) | 219 lbs (99.5 kg) |
| Sound Levels | | |
| Operator ear | 82 dB(A) | 84 dB(A) |
| Measuring standard | ISO 11201 | ISO 11201 |
| Attachments installed | GTCs, reels engaged | GTCs, reels engaged |
| Certificate | | |
| Type | ANSI B71.4-2004 | ANSI B71.4-2004 |

* Engine hp is provided by engine mfr. for comparison purposes only. Actual operating hp will be less

220E E-Cut Hybrid Walk Greens Mower

260C Walk Greens Mower

| | | |
|---|---|---|
| Engine | | |
| Type | Honda, air-cooled, GX120 | Honda, air-cooled, GX120 |
| Cycle | 4-cycle | 4-cycle |
| Bore and stroke, in. (mm) | 2.36-in x 1.73-in (60 x 44 mm) | 2.36-in x 1.73-in (60 x 44 mm) |
| Piston displacement, cc | 118 cc | 118 cc |
| Compression ratio | 8.05:01 | 8.05:01 |
| Horsepower, hp (kW) | 3.5 hp (2.6 kW) | 3.5 hp (2.6 kW) |
| Direction of rotation of output shaft | Counterclockwise viewed from shaft side | Counterclockwise viewed from shaft side |
| Inclination limit | Tilted up to 20 degrees in any direction | Tilted up to 20 degrees in any direction |
| Idle speed at output shaft, rpm | 1,300 rpm | 1,300 rpm |
| Maximum speed at output shaft, rpm | 3100 rpm | 3100 rpm |
| Fuel | | |
| Type | Regular grade unleaded or leaded | Regular grade unleaded or leaded |
| Tank capacity, U.S. qt. (l) | 2.7 US qt (2.5 L) | 2.7 US qt (2.5 L) |
| Oil | | |
| Type | SAE30 or SAE 10W-30 | SAE30 or SAE 10W-30 |
| Capacity, U.S. qt. (l) | 0.6 US qt (0.57 L) | 0.6 US qt (0.57 L) |
| Differential drive capacity, U.S. pt. (l) | 0.7 US pts (0.35 L) | 0.7 US pts (0.35 L) |
| Cutting Equipment | | |
| Cutting width | 26-in (66.0 cm) | Quick Adjust QA5 22-in (55.9 cm) |
| Cutting height (minimum), in. (cm) | --- | --- |
| Standard - 3.0 mm bedknife, in. (mm) | 1/8-in (3.2 mm) - standard on 260C | 1/8-in (3.2 mm) - standard |
| Optional - 2.5 mm bedknife, in. (mm) | N/A | 7/64-in (2.8 mm) |
| Optional - 2.0 mm bedknife, in. (mm) | N/A | 5/64-in (2.0 mm) |
| Optional - tee bedknife, in. (mm) | 3/16-in (4.8 mm) | N/A |
| Frequency of clip standard, in. (mm) | 0.182 in (4.62 mm) 11 blade; 0.286-in (7.26 mm) 7 blade | Variable with 5 settings .162, .180, .220, .380, .480 (4.11, 4.57, 5.59, 9.65, 12.1) |
| Reel | | |
| Diameter, in. (mm) | 5-in (127 mm) | 5-in (127 mm) |
| Number of blades | 7 or 11 blade | 11 blade |
| Material | Heat-treated chromium molydenum steel | Heat-treated chromium molydenum steel |
| Bedknife - standard, in. (mm) | 0.118-in (3.0 mm) thick x 26-in (66.0 cm) long | 0.118-in (3.0 mm) thick x 22-in (56.0 cm) long |
| Rotary Brush and Greens Tender Conditioner (Optional) | | |
| Brush | Interlocked w/ reel, rotation in reverse direction; 2-3/8-in (60 mm) diameter nylon | Interlocked w/ reel, rotation in reverse direction; 2-3/8-in (60 mm) diameter nylon |
| Vertical cutter blades | Specially hardened carbon tool steel; star shaped; 2-3/8-in (60 mm) diameter, 88 blades | Specially hardened carbon tool steel; star shaped; 2-3/8-in (60 mm) diameter, 75 blades |
| Adjustable brush or cutter height, in. (mm) | Brush even with Height of cut; GTC 1/32-in (.79 mm) below height of Cut | Brush even with Height of cut; GTC 1/32-in (.79 mm) below height of Cut |
| Gear drive | Gear driven from reel shaft, opposite direction of reel, rotation powers brush or vertical cutter | Gear driven from reel shaft, opposite direction of reel, rotation powers brush or greens tender condition |
| Grass Catcher | | |
| Size, lb. (kg) | 8-lb (3.7 kg) | 7-lb (3.2 kg) |
| Type | Polyethylene | Polyethylene |
| Clutches | | |
| Transport | Belt tension | Belt tension |
| Reel jaw-type clutch | On/off | On/off |
| Brush/GTC jaw-type clutch | On/off | On/off |
| Traction drum | Dual, aluminum, traction | Dual, aluminum, traction |
| Traveling Device | | |
| Forward speed, mph (km/h) | 5.2 mph (8.4 km/h) with transport wheels @3500 engine rpm | 5.2 mph (8.4 km/h) with transport wheels @3500 engine rpm |
| Roller (rear), in. (mm) | Aluminum, 7.5-in (190 mm) diameter; dimpled | Aluminum, 7.5-in (190 mm) diameter |
| Roller (front) (grooved or smooth), in. (mm) | Machined steel, 2-3/8-in (60 mm) diameter (for cutting height adjustment) | Machined steel, 2-3/8-in (60 mm) diameter (for cutting height adjustment) |
| Dimensions | | |
| Length (w/tires installed), in. (mm) | 37-in (94 cm) | 39-in (99 cm) |
| Width (w/tires installed), in. (cm) | 41.25-in (104.8 cm) | 37.25-in (94.6 cm) |
| Height (w/tires installed), in. (cm) | 47-in (119 cm) | 47-in (119 cm) |
| Weight (less GTC's, gear drive and transport wheel, with catcher), lb. (kg) | 235 lbs (106.8 kg) | 267 lb (121 kg) |
| Sound Levels | | |
| Operator ear | 83 dB(A) | 79 dB(A) |
| Measuring standard | ISO 11201 | ISO 11201 |
| Attachments installed | GTCs, reels engaged | GTCs, reels engaged |
| Certificate | | |
| Type | ANSI B71.4-2004 | ANSI B71.4-2004 |

Consider us part of your crew.

John Deere Golf unites a fleet of agronomic experts, dedicated equipment distributors, a full irrigation component and a financing arm with over a century of experience. All personally dedicated to your success.



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