

Walk Greens Mowers



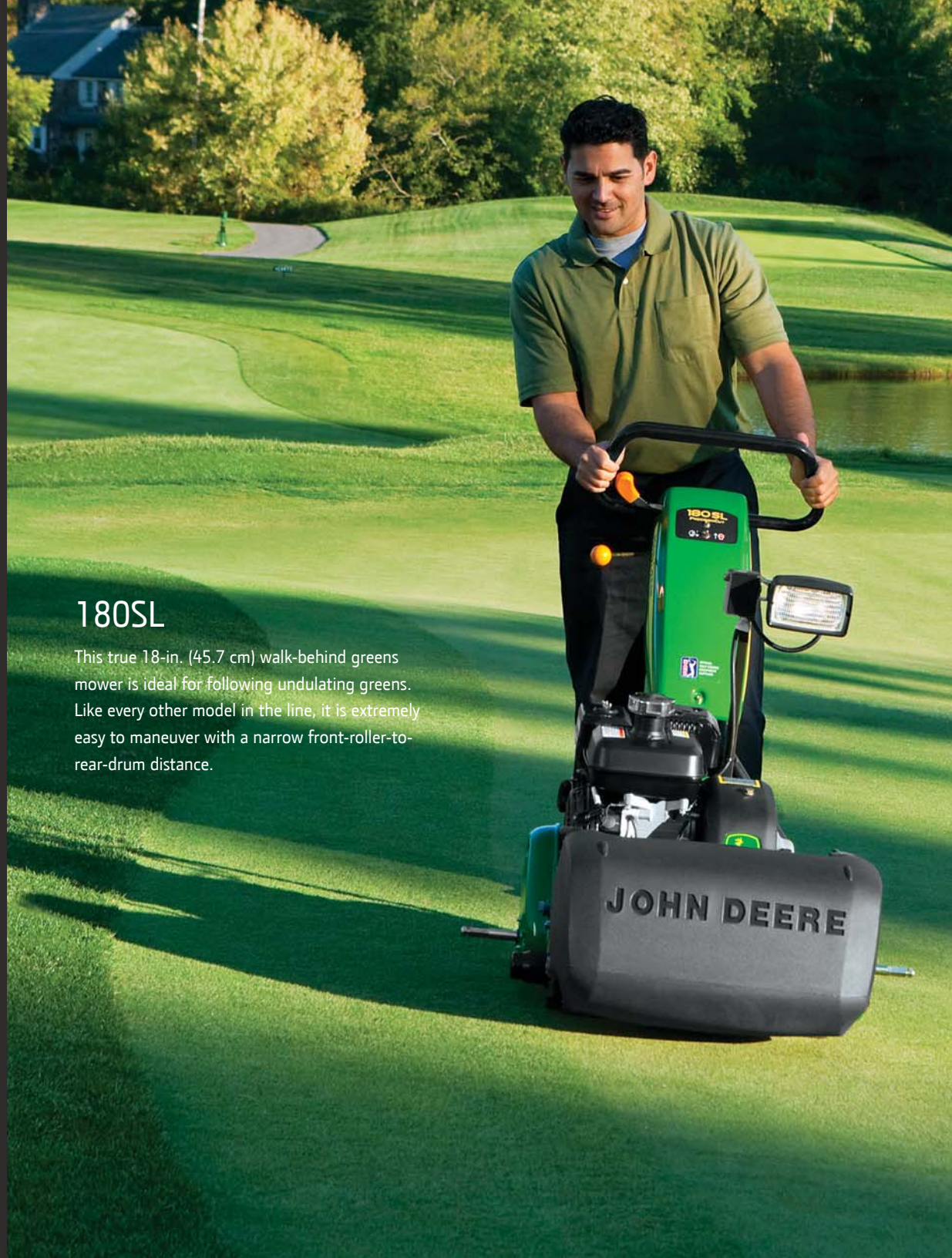
Fewer steps to a perfect green.

You steered us in the right direction, and then we kept going.

With our new **SL PrecisionCut™ Walk Greens Mowers**, we've kept all the great features you loved from the C models, like the dual chain drive, forward-mounted pivot point and superior cut quality and taken it a few steps further. We added the popular **Speed Link™ Height-of-Cut System** found on our QA5 and QA7 cutting units. Everything is easier to adjust. You can switch rollers to adjust to different growing conditions just by removing two bolts. And Greens Tender™ Conditioners and rotary brushes are easier to install and adjust, thanks to a new **built-in patented bracket**. We even added a new push brush option to deliver more pronounced striping while increasing cut quality. And we're now the **only manufacturer** to use the same height-of-cut adjustment system on all our reel mowers. With only one design to learn, your service technicians can use the same few tools to adjust all the reel mowers in your fleet.

180SL

This true 18-in. (45.7 cm) walk-behind greens mower is ideal for following undulating greens. Like every other model in the line, it is extremely easy to maneuver with a narrow front-roller-to-rear-drum distance.





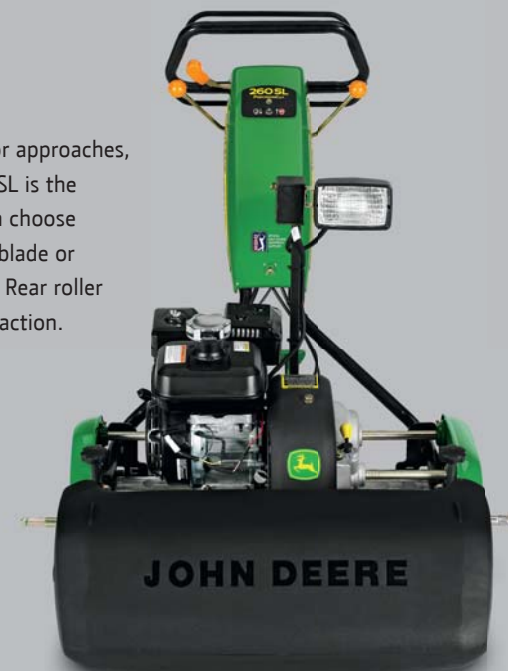
220SL

An excellent all-around performer, the 22-in. (56 cm) 220SL can be enhanced, like every other model, with a Greens Tender Conditioner or rotary brush to reduce grain and help control runners for an even more impressive after-cut appearance.



260SL

If you walk mow tees or approaches, the 26-in. (66 cm) 260SL 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 SL PrecisionCut models.

When it comes to caring for your greens, there's no surer choice than a SL PrecisionCut 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 consistent cut, even with a less-experienced operator.

An operator can unconsciously affect the level of the cut by leaning forward or back. SL PrecisionCut Walk Greens Mowers compensate for this influence with a forward-mounted pivot point that reduces the operator's leverage over the mower's cutting plane. SL 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 SL, 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 the system of contaminants from daily use and washing.



Speed Link HOC Adjustment System

Our patented system from the QA5 and QA7 cutting units allows you to rapidly and precisely change your SL PrecisionCut Walk Greens Mower height-of-cut. You can make instant one-thousandth-of-an-inch adjustments to both sides of the roller from one point.



Here's how it works:

- A Speed Link bar connects both ends of the roller, so that adjustments made on one side are exactly matched on the other side.
- A high-reduction worm gear enables the use of a cordless drill to make extremely quick and precise adjustments.
- The worm gear ensures that the adjustment holds out on the green.

Front Rollers

Our rollers are quick and simple to change. All you have to do is remove the bolt that secures the bottom half of the roller bracket. This patented feature allows switching rollers to meet the changing demands of the growing season. Adjusting the roller position or height is also easy to do.

Grass Tender Conditioner (GTC) and Rotary Brush options

For the ultimate in cut quality, you can add a Greens Tender Conditioner (GTC) or rotary brush that rotates counter to the reel to stand grass up prior to cutting, to better control runners and reduce the grain. The GTC also slices stolons to promote new growth. Both have new features that make adjusting the depth and engagement easier.

Out Front Push Brushes

Our push brush helps stand up the grass prior to cutting and keeps the distance between the rear drum and front roller close. It combines well with the 180SL to give you maximum ground following and a more pronounced stripe. The brush angle can also be adjusted for aggressiveness. Plus, we've increased the bristle count over our competitors to help you better stand up turf. A softer bristle brush is available through JDParts for times of stress.



The SL model line up.

For undulating greens, the 180SL

For the tricky greens on your course, consider the 18-inch walker, the 180SL. Like the 220SL and 260SL, the 180SL 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 2.0 mm (5/64-inch) ultra-low-cut bedknife is standard on the 180SL making it the ideal unit for undulating greens and producing superior striping.



220SL

A solid all-around performer, the 220SL.

After getting feedback from customers, the 22-inch 220SL 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.

Specifications

	180SL PrecisionCut Walk Greens Mower	220SL PrecisionCut 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 1.65-in (60 x 42 mm)	2.36-in x 1.65-in (60 x 42 mm)
Piston displacement, cc	118 cc	118 cc
Compression ratio	8.5:1	8.5:1
Horsepower, hp (kW)	3.5 hp (2.6 kW)*@ 3,600 rpm	3.5 hp (2.6 kW) @ 3,600 rpm
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	1,400 rpm ± 150	1,400 rpm ± 150
Maximum speed at output shaft, rpm	2,950 rpm ± 150	2,950 rpm ± 150
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)	Min. 1/8-in (3.2 mm) – Max. 7/8-in (22 mm) option	Min. 1/8-in (3.2 mm) – Max. 7/8-in (22 mm) option
Optional - 2.5 mm bedknife, in. (mm)	Min. 7/64-in (2.5 mm) – Max. 7/8-in (22 mm) option	Min. 7/64-in (2.5 mm) – Max. 7/8-in (22 mm) standard
Optional - 2.0 mm bedknife, in. (mm)	Min. 5/64-in (2.0 mm) – Max. 7/8-in (22 mm) standard	Min. 5/64-in (2.0 mm) – Max. 7/8-in (22 mm) option
Optional - tee bedknife, in. (mm)	N/A	N/A
Optional 3-in Roller installed	Max. Height of cut 1-3/8 (35mm)	Max. Height of cut 1-3/8 (35mm)
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)	----	----
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 (.8 mm) below height of cut maximum	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 vertical cutter
Grass Catcher		
Size, lb. (kg)	6-lb (2.7 kg)	6-lb (2.7 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	Dual, aluminum
Traveling Device		
Forward speed, mph (km/h)	4.5 mph (7.2 km/h) with transport wheels @3,000 engine rpm	4.5 mph (7.2 km/h) with transport wheels @3,000 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-in (50 mm) diameter (for cutting height adjustment)	Machined steel, 2-in (50 mm) diameter (for cutting height adjustment)
Dimensions		
Length (w/tires installed), in. (mm)	52-in (132 cm)	37-in (94 cm)
Width (w/tires installed), in. (cm)	33.3-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 GTCs, gear drive and transport wheel, with catcher), lb. (kg)	204 lb (92.7 kg)	219 lb (99.5 kg)
Sound Levels		
Operator ear	82 dB(A)	82 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.



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