

# Walk Greens Mowers



Fewer steps to a perfect green.



# 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.

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

With a unique ball-joint design, the 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.

## 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.



Steer through the clean-up cut.



### 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.



### Quick Adjust Cutting Unit

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.

## 260SL PrecisionCut Walk Greens Mower

## 220 E-Cut Hybrid Walk Greens Mower

<b>Engine</b>		
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 1.73-in (60 x 44 mm)
Piston displacement, cc	118 cc	118 cc
Compression ratio	8.5:1	8:05:01
Horsepower, hp (kW)	3.5 hp (2.6 kW) @ 3,600 rpm	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	1,400 rpm ± 150	1,300 rpm
Maximum speed at output shaft, rpm	2,950 rpm ± 150	3,100 rpm
<b>Fuel</b>		
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)
<b>Oil</b>		
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)
<b>Cutting Equipment</b>		
Cutting width	26-in (66 cm)	Quick Adjust QA5 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) standard	1/8-in (3.2 mm) – standard
Optional - 2.5 mm bedknife, in. (mm)	Min. 7/64-in (2.8 mm) – Max. 7/8-in (22 mm) option	7/64-in (2.8 mm)
Optional - 2.0 mm bedknife, in. (mm)	Min. 5/64-in (2.0 mm) – Max. 7/8-in (22 mm) option	5/64-in (2.0 mm)
Optional - tee bedknife, in. (mm)	N/A	N/A
Optional 3-in Roller installed	Max. Height of cut 1-3/8 (35mm)	----
Frequency of clip standard, in. (mm)	0.182 in (4.62 mm)	Variable with 5 settings .162, .180, .220, 380, .480 (4.11, 4.57, 5.59, 9.65, 12.1)
<b>Reel</b>		
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 22-in (56.0 cm) long
<b>Rotary Brush and Greens Tender Conditioner (Optional)</b>		
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 (.8 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 greens tender condition	Gear driven from reel shaft, opposite direction of reel, rotation powers brush or GTC blades
<b>Grass Catcher</b>		
Size, lb. (kg)	6-lb (2.7 kg)	7-lb (3.2 kg)
Type	Polyethylene	Polyethylene
<b>Clutches</b>		
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, traction
<b>Traveling Device</b>		
Forward speed, mph (km/h)	4.5 mph (7.2 km/h) with transport wheels @3,000 engine rpm	5.2 mph (8.4 km/h) with transport wheels @3,500 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, 2-3/8-in (60 mm) diameter (for cutting height adjustment)
<b>Dimensions</b>		
Length (w/tires installed), in. (mm)	52-in (132 cm)	37-in (94 cm)
Width (w/tires installed), in. (cm)	41.3-in (105 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)	237 lb (107.7 kg)	267 lb (121 kg)
<b>Sound Levels</b>		
Operator ear	84 dB(A)	79 dB(A)
Measuring standard	ISO 11201	ISO 11201
Attachments installed	GTCs, reels engaged	GTCs, reels engaged
<b>Certificate</b>		
Type	ANSI B71.4-2004	ANSI B71.4-2004



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