

8700 PrecisionCut

Tame any fairway.

No matter how devilishly difficult the fairway layout, the top-of-the-line 8700 PrecisionCut can tackle it. After all, with a turbo-charged, intercooled diesel engine, QA7 cutting units, available GRIP all-wheel drive and built-in benefits like a double-acting steering cylinder, it's more than a match for whatever course architects dream up.



STANDARD WORK LIGHTS

Three adjustable lights at the front of the operator platform provide optimal light for early morning or evening mowing.



STANDARD BACKLAPPING VALVES

Every PrecisionCut mower includes pressure-sensing backlapping valves to ensure a premium result when sharpening.



DAILY SERVICE, SIMPLIFIED

All checks are located on the left-hand side, and oil cooler tilts out for easy cleaning.

7500/8500 PrecisionCut Fairway Mower
7700/8700 PrecisionCut Fairway Mower

Engine		
Type	3-cylinder Yanmar Diesel	3-cylinder Yanmar Diesel
Maximum rated horsepower	37.1 hp (27.7 kW) @ 2,600 RPM (7500) 43.1 hp (32.2 kW) @ 2,600 RPM (8500)	37.1 hp (27.7 kW) @ 2,600 RPM (7500) 43.1 hp (32.2 kW) @ 2,600 RPM (8500)
Displacement	91.3 cu. in. (1496 cc)	91.3 cu. in. (1496 cc)
Air cleaner	2-stage dry element	2-stage dry element
Cooling system	Liquid centrifugal pump	Liquid centrifugal pump
Traction type	Servo-controlled hydrostatic pump to wheel motors. Optional GRIP All-Wheel-Drive Traction System.	
Reel-drive pump	Tandem-gear pump	Tandem-gear pump
Hydraulic system capacity	12 U.S. gal. (45.4 L)	12 U.S. gal. (45.4 L)
Fuel tank capacity	18 U.S. gal. (66.6 L)	18 U.S. gal. (66.6 L)
Steering tires	20×10-8 turf	20×10-8 turf
Front drive tires	26.5×14-12 turf	26.5×14-12 turf
4WD	(Optional) GRIP All-Wheel-Drive Traction System; when installed, AWD in mow and transport. Hydraulic flow links opposite side wheel motors together for excellent grip on slopes.	
Mower		
Number of blades	7 or 11	8 or 10
Cutting unit width	Quick Adjust QA5 22 in. (55.9 cm)	Quick Adjust QA7 22 in. (55.9 cm)
Reel diameter (std. cutting unit)	5 in. (12.7 cm)	7 in. (17.8 cm)
Total width of cut	100 in. (254 cm)	100 in. (254 cm)
Height of cut		
11- and 7-blade	0.25 in. to 1.125 in. (6.4 cm to 28.5 cm)	N/A
10-blade QA7	N/A	0.25 in. to 2 in. (6.4 cm to 50.8 cm)
8-blade QA7	N/A	0.375 in. to 2 in. (9.5 cm to 50.8 cm)
Frequency of clip (FOC)		
11- or 7-blade QA5	0.044 in./mph (1.12 mm/km/h), 0.069 in./mph (1.75 mm/km/h)	N/A
10-blade QA7	N/A	0.067 (1.70)
8-blade QA7	N/A	0.084 (2.14)
Rollers	2 in. (5.1 mm) front and rear; 3 in. (7.6 mm) optional	3 in. (7.6 mm)
Operating weight wet, full fuel, less operator		
Standard cutting units lowered	2,236 lb. (1014 kg) (7500), 2,340 lb. (1061 kg) (8500)	2,381 lb. (1080 kg) (7700), 2,485 lb. (1127 kg) (8700)
Dimensions		
Height with ROPS	85 in. (216 cm)	85 in. (216 cm)
Length with catchers	115 in. (292 cm)	115 in. (292 cm)
Transport width	87 in. (221 cm)	87 in. (221 cm)
Mowing position width	116 in. (295 cm)	116 in. (295 cm)
Ground speed		
Mowing	0 to 8.0 mph (0 to 12.8 km/h)	0 to 8.0 mph (0 to 12.8 km/h)
4WD mow speed	0 to 8.0 mph (0 to 12.8 km/h)	0 to 8.0 mph (0 to 12.8 km/h)
Transport	7500 - 0 to 11.5 (0 to 18.5) 8500 - 0 to 12.5 (0 to 20.12)	7700 - 0 to 11.5 (0 to 18.5) 8700 - 0 to 12.5 (0 to 20.12)
Reverse	0 to 5.0 mph (0 to 6.4 km/h)	0 to 5.0 mph (0 to 6.4 km/h)



Options:

Canopy
 Electronic cruise control
 Rear roller power brush
 Fairway Tender™ Conditioner
 Verticutter
 Rollers

7500/8500 E-Cut Hybrid Fairway Mower

8000 E-Cut Hybrid Fairway Mower

Engine		
Type		
Maximum rated horsepower	37.1 hp (27.7 kW) @ 2,600 RPM (7500) 43.1 hp (32.2 kW) @ 2,600 RPM (8500)	37.1 hp (27.7 kW) @ 2,600 RPM
Displacement	91.3 cu. in. (1496 cc)	91.3 cu. in. (1496 cc)
Air cleaner	2-stage dry element	2-stage dry element
Cooling system	Liquid centrifugal pump	Liquid centrifugal pump
Traction type	Servo-controlled hydrostatic pump to wheel motors. Optional GRIP All-Wheel-Drive Traction System.	
Reel-drive pump	Tandem-gear pump	N/A
Hydraulic system capacity	12 U.S. gal. (45.4 L)	9.8 U.S. gal. (37.1 L)
Fuel tank capacity	18 U.S. gal. (66.6 L)	13 U.S. gal. (49.21 L)
Steering tires	20×10-8 turf	24×12-12 smooth
Front drive tires	26.5×14-12 turf	24×12-12 smooth
Mower		
Number of blades	7 or 11	8 or 10
Cutting unit width	Quick Adjust QA5 22 in. (55.9 cm)	Quick Adjust QA5 18 in. (45.7 cm)
Reel diameter (std. cutting unit)	5 in. (12.7 cm)	5 in. (12.7 cm)
Total width of cut	100 in. (254 cm)	80 in. (203 cm)
Height of cut		
11- and 7-blade	0.25 in. to 1.125 in. (6.4 cm to 28.5 cm)	0.078 in. to 1.125 in. (2 cm to 28.5 cm) requires optional bedknife for lowest HOC and 3-inch roller for highest
Frequency of clip (FOC)		
11- or 7-blade QA5	0.044 in./mph (1.12 mm/km/h), 0.069 in./mph (1.75 mm/km/h)	0.044 in./mph (1.12 mm/km/h), 0.069 in./mph (1.75 mm/km/h)
Rollers	2 in. (5.1 mm) front and rear; 3 in. (7.6 mm) optional	2 in. (5.1 mm) front and rear; 3 in. (7.6 mm) optional
Operating weight wet, full fuel, less operator		
Standard cutting units lowered	2,236 lb. (1014 kg) (7500E), 2,340 lb. (1061 kg) (8500E)	2,131 lb. (967 kg)
Dimensions		
Height with ROPS	85 in. (216 cm)	83 in. (210.8 cm)
Length with catchers	115 in. (292 cm)	115 in. (292 cm)
Transport width	87 in. (221 cm)	89 in. (226 cm)
Mowing position width	116 in. (295 cm)	93 in. (236 cm)
Ground speed		
Mowing	0 to 8.0 mph (0 to 12.8 km/h)	0 to 6.0 mph (0 to 10 km/h)
Transport	0 to 11.5 mph (0 to 18.5 km/h)	0 to 9 mph (0 to 14 km/h)
Reverse	0 to 5.0 mph (0 to 6.4 km/h)	0 to 5.0 mph (0 to 6.4 km/h)

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

Standard on all models

Throttle	Hand throttle at operator's right
Forward/reverse	2-pedal
Mower lift	One-touch single handle
Parking brake	Foot pedal lock for foot-operated park brake
Seat	Deluxe suspension
PTO	Hand lever located on CommandARM™
Tilt steering	Foot operated
Steering	Hydraulic power with double-acting steering cylinder
Ground pressure	10
Brakes	Disc and dynamic braking through closed loop hydrostatic transmission
ROPS	Standard; meets pending ISO 21299 Standard
Warranty	Two-year limited
Certification	CE and ANSI B71.4-2004