

FAIRWAY MOWERS



JOHN DEERE

NOTHING RUNS LIKE A DEERE



DEPENDABLE AND CLEAN HIGH-TECH

FAIRWAY MOWERS

The game of golf exemplifies the values we put into constructing our fairway mowers: precision, consistency, and a keen eye for detail. Whether in the form of conventional or hybrid models, all our fairway mowers are designed to provide a premium cut and exceptional after-cut appearance.

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POWERGARD™

STATUS: PROTECTED

When you protect your equipment with a PowerGard™ protection plan*, your business has the steady machine uptime and nonstop peak performance it needs to thrive.



PowerGard™ agreements protect you against unexpected repair costs and keep your maintenance on track with genuine parts. Three fixed rate packages provide increasingly comprehensive levels of cover to keep your machine running at peak performance with steady uptime.

POWERGARD™ PROTECTION PLAN

Preventative maintenance work – it's essential for keeping equipment in good working order based on factory recommended intervals.*

POWERGARD™ PROTECTION

Base level of protection that covers unusual events that can lead to costly repairs, and also covers the main drive train components.

POWERGARD™ PROTECTION PLUS

The ultimate in protection – the total peace of mind package that covers all components included in PowerGard™ Protection, plus electrical, cooling, hydraulics and more.

FINANCING

Include your PowerGard™ Protection agreements into your financing offer and benefit from competitive rates, with flexible payments.**

CLEAR PRICES

Based on this report, you can tell us exactly what work you want done. With transparent pricing and all-in packages for parts and labour, Expert Check takes the guesswork out of repairs and maintenance too.

EXPERT CHECK

FACTS, NOT GUESSWORK

Ever wished you could X-ray your machine to see how it's doing inside? Expert Check is the next best thing: a thorough diagnosis of all key components (including sensors, electronics and software) using up-to-the-minute, field-based checklists and tools that are exclusive to John Deere dealers. The result is a detailed report stating exactly where your machine stands, as well as what needs doing and when.





STAY IN CONTROL OF YOUR MACHINES

JOHN DEERE CONNECTED SUPPORT™

With connected machines, you're always a step ahead. You'll know exactly where your equipment is and how the work progresses. Thanks to diagnostic trouble code notifications, you'll also know right away when a machine does not perform as it should. By staying connected with your dealer, you can benefit from their support and save time and money.

REMOTE MACHINE SUPPORT

With your permission, Service ADVISOR™ Remote enables dealers to conduct remote diagnostics, software programming, and adjustments. For you, that means fewer trips to the workshop, resulting in improved uptime and lower maintenance costs.

MAINTENANCE PLANNING

In the John Deere Operations Center™, you can create or upload maintenance plans for all your equipment. With engine hours updated in real-time via JDLink™, you can schedule maintenance promptly. If wanted, John Deere Connected Support™ allows your dealer to monitor your maintenance needs and assist you in staying ahead of any potential issues.

DIAGNOSTIC TROUBLE CODES

Diagnostic Trouble Codes (DTCs) are messages your machine generates to report its status. Each DTC consists of two numbers – the first indicates the area of the issue, and the second defines the type of problem. Your dealer can decode these messages to determine what he needs to do even before he comes out to see you.

FAIRWAY MOWERS

RELIABLE AND CLEAN HIGH TECH

Whether conventional or hybrid, all our fairway mowers are designed for a premium cut and outstanding after-cut appearance.

Thanks to the TechControl System, every operator can achieve a championship finish every time.



Pre-settings in the TechControl Display automate parts of the machine's operation, making our fairway mowers comfortable and easy to use for all-day operations.

Power to spare – our clean-burning engines pack plenty of power, right up to the mighty 4-cylinder diesel of the 8000A Series. All models come with environment-friendly Stage V-compliant engines.

Precise steering – holding a straight line is incredibly easy, thanks to a dual-action steering cylinder like the one we fit on our greens mowers.

FAST AND ACCURATE DIAGNOSTICS

LoadMatch™ automatically adjusts machine speed in heavy load conditions to maximise productivity while maintaining superior cut quality. The TechControl display shows you machine warnings, onboard electrical diagnostics, and lets you set service timers on a large, easy-to-read screen.



MORE PEACE OF MIND

The password-protected TechControl display puts operator control and consistency at your fingertips. As a supervisor, you can preset the remarkable speeds for mowing and transport in seconds and even set turn speeds to minimise turf scuffing.



WORK SMARTER

The eHydro™ Transmission on our A-models ensures next-level performance, traction and comfort. Together with Cruise Control and Turn Speed Management, this intelligent system helps reduce fatigue and increase operator comfort – for smooth, consistent productivity even in challenging conditions.

SUPERIOR CUT QUALITY

QA5 AND QA7 CUTTING UNITS AND VERTICUT UNITS

Our Quick-Adjust cutting units come in two sizes: with a cutting cylinder diameter of either 127 mm (5 in) (QA5) or 178 mm (7 in) (QA7). The precise and straightforward adjustments enable you to tailor the performance exactly to your expectations.



QA7

For a flawless after-cut appearance – the unique rear yoke attaching point keeps the cutting units in perfect contact with the turf.



QA5

For healthier turf conditions, the rear roller height can be adjusted, allowing for a less aggressive approach at lower cutting heights.



QA5 / QA7

The ultimate in quick and accurate height-of-cut adjustments: the Speed Link™ height-of-cut adjustment system ties both sides of the rear roller together.



QA5 / QA7 ATTACHMENTS

Both cutting units can optionally be equipped with features like Fairway Tender Conditioner (FTC), rear roller brushes, or grass catchers.



QA5 AND QA7 VERTICUT

Our A-Series Fairway Mowers deliver optimal verticutting performance.



PRECISIONCUT™

6500A, 6700A, 7500A, 7700A, 8700A,
8900A WITH 26" OR 30"

Produce a championship finish every time with our A-model fairway mowers. Choose from seven hydraulic models featuring Speed Link™, TechControl, Mow-Engine-Speed, internal wet disc brakes, top traction, and easy hop-on/off operator access – all with plenty of power on board.



A-SERIES FEATURES

The PrecisionCut™ mowers give you all the benchmark features that make A-Series Fairway Mowers so successful. These include the TechControl Display with its password protected supervisor controls, and LoadMatch™ for improved cut quality.



GRIP ALL WHEEL DRIVE TRACTION

For superior traction with a true hydraulic all-wheel drive (AWD), the GRIP All-Wheel Drive Traction System is optional on all four-wheel-stance models and standard on all three-wheel-stance PrecisionCut™ and E-Cut™ Hybrid fairway mowers. This system reduces wheel slip by sending flow from the front wheel to the opposite rear wheel.

E-CUT™ HYBRID

6080A, 6500A, 7500A, 6700A, 7700A, 8000A

Stay on the cutting edge with our tried-and-tested E-Cut™ Hybrid models. They feature a maintenance-free electric drive motor powered by a smart alternator belt driven from the engine. This means no additional batteries are needed, reducing maintenance requirements. The alternator and Engine LoadMatch™ ensure consistent cut quality even in challenging conditions. Our fairway mower lineup includes three-wheel-stance models: two with 18" QA5 cutting units for optimal contour following, one with a 22" QA5, and one with a 22" QA7 cutting unit. The lineup is completed by our four-wheel-stance models: the 7500A also comes with 22" QA5 cutting units, while the 7700A offers 22" QA7 cutting units.



NIMBLE

With an 203 cm (80 in) cutting width™ and just three tyres, the 8000A E-Cut™ leaves fairways looking almost like greens. The cleaner, more powerful engine matches the standard eHydro™ transmission perfectly.



UNMATCHED AGILITY

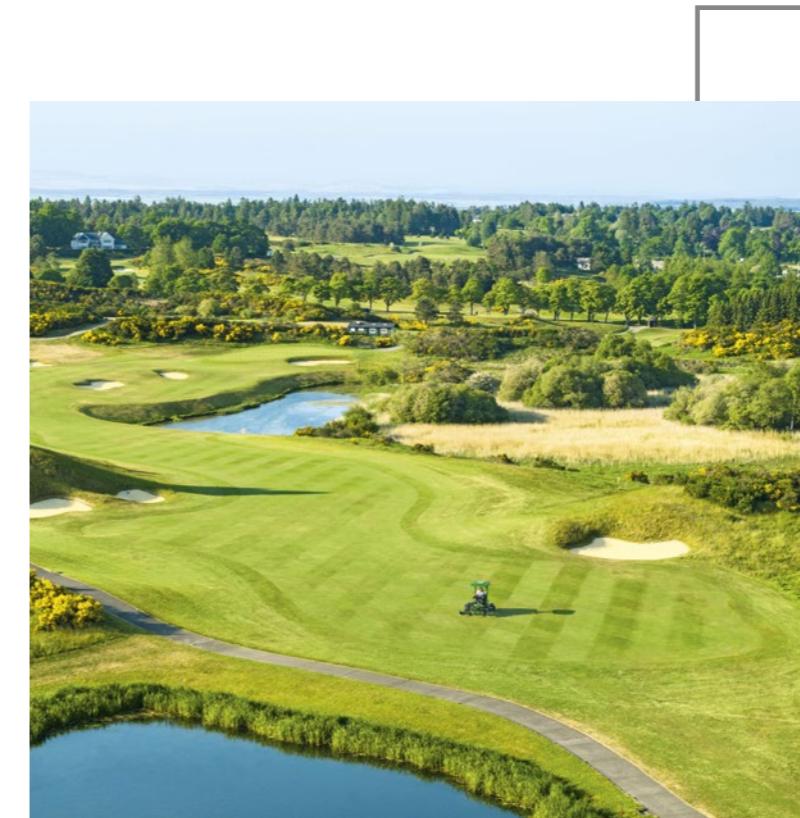
The 6700A E-Cut™ is the only 3-stance hybrid mower with 7" cutting units in the market giving you the extra manoeuvrability.

EFFICIENT PERFORMER

Delivering performance comparable to hydraulic-driven machines, the E-Cut™ Hybrid mowers offer the power to operate with verticut units — while also reducing fuel costs.

FLAWLESS FINISH

The 56-volt, 240-amp smart alternator provides ample power for a flawless after-cut appearance.



SAVINGS

Up to 30% less fuel consumption and significant noise reduction come with every of our E-Cut™ Hybrids.

ON ALL PRECISIONCUT™ MODELS
SPEED LINK™**TECHCONTROL****SPEED SETTINGS****6500A**

18.6 kW (24.7 hp) at 3,000 rpm

5 QA5 cutting units 55.9 cm (22 in)

Total cutting width: 254 cm (100 in)

12.7 cm (5 in) diameter reel

Mowing speed:
0 – 10 km/h (0 – 6 mph)**6700A**

18.6 kW (24.7 hp) at 3,000 rpm

5 QA7 cutting units 55.9 cm (22 in)

Total cutting width: 254 cm (100 in)

17.8 cm (7 in) diameter reel

Mowing speed:
0 – 10 km/h (0 – 6 mph)**7500A**

31 kW (42.1 hp) at 2,800 rpm

5 QA5 cutting units 55.9 cm (22 in)

Total cutting width: 254 cm (100 in)

12.7 cm (5 in) diameter reel

Mowing speed:
0 – 12.8 km/h (0 – 8 mph)**7700A**

31 kW (42.1 hp) at 2,800 rpm

5 QA7 cutting units 55.9 cm (22 in)

Total cutting width: 254 cm (100 in)

17.8 cm (7 in) diameter reel

Mowing speed:
0 – 12.8 km/h (0 – 8 mph)**8700A**

41.1 kW (55.9 hp) at 2,800 rpm

5 QA7 cutting units 55.9 cm (22 in)

Total cutting width: 254 cm (100 in)

17.8 cm (7 in) diameter reel

Mowing speed:
0 – 12.8 km/h (0 – 8 mph)
ON ALL E-CUT™ HYBRID MODELS

Electric reel drive cutting units powered by a 48 volt (180 amp) alternator and 5 QA5 cutting units with 12.7 cm (5 in) diameter reel.

E-HYBRID**QA CUTTING UNITS****TECHCONTROL****6080A E-CUT™**

18.6 kW (24.7 hp) at 3,000 rpm

5 QA5 cutting units 45.7 cm (18 in)

Total cutting width: 203 cm (80 in)

12.7 cm (5 in) diameter reel

Mowing speed:
0 – 10 km/h (0 – 6 mph)**6500A E-CUT™**

18.6 kW (24.7 hp) at 3,000 rpm

5 QA5 cutting units 55.9 cm (22 in)

Total cutting width: 254 cm (100 in)

12.7 cm (5 in) diameter reel

Mowing speed:
0 – 10 km/h (0 – 6 mph)**6700A E-CUT™**

18.6 kW (24.7 hp) at 3,000 rpm

5 QA7 cutting units 56 cm (22 in)

Total cutting width: 254 cm (100 in)

17.8 cm (7 in) diameter reel

Mowing speed:
0 – 10 km/h (0 – 6 mph)**7500A E-CUT™**

31 kW (42.1 hp) at 2,800 rpm

5 QA5 cutting units 55.9 cm (22 in)

Total cutting width: 254 cm (100 in)

12.7 cm (5 in) diameter reel

Mowing speed:
0 – 12.8 km/h (0 – 8 mph)**7700A E-CUT™**

31 kW (42.1 hp) at 2,800 rpm

5 QA7 cutting units 56 cm (22 in)

Total cutting width: 254 cm (100 in)

17.8 cm (7 in) diameter reel

Mowing speed:
0 – 10 km/h (0 – 6 mph)**8000A E-CUT™**

31 kW (42.1 hp) at 2,800 rpm

5-QA5 cutting units 45.7 cm (18 in)

Total cutting width: 203 cm (80 in)

Mowing speed:
0 – 10 km/h (0 – 6 mph)
ON 8900A PRECISIONCUT™ MODEL
TECHCONTROL**HIGH PRODUCTIVITY****8900A**

41.1 kW (55.9 hp) at 2,800 rpm

5-QA7 66 cm (26 in) or 76 cm (30 in) cutting units

Total cutting width: 3.3 m (130 in) or 2.9 m (114 in)

17.8 cm (7 in) diameter reel

Mowing speed:
0 – 12.8 km/h (0 – 8 mph)
TAKE CONTROL

The joystick and the cruise control function let operators keep their energy focused on the mowing operation to produce quality work without compromising comfort.



SPECIFICATIONS

6080A E-CUT™ HYBRID		6500A PRECISIONCUT™		6500A E-CUT™ HYBRID					
VEHICLE									
Traction drive Axial piston, electronically controlled hydrostatic traction pump; dual gear pumps for steering, lift, mow, and charge Reel drive 56-V, 240-amp smart alternator belt-driven by the engine, alternator LoadMatch™ Steering Hydraulic power with double-acting steering cylinder Wheels and Tires 24 x 13 – 12 Smooth Drive Tires and 24 x 13 – 12 Smooth Steering Tire Brakes Internal hydraulic wet disc brakes with dynamic braking through closed loop hydrostatic system									
CONTROLS									
Throttle Hand throttle on CommandARM™ at operator's right Forward/reverse 2-pedal Mower lift One-touch single handle on CommandARM™ at operator's right Parking brake Electric Switch on CommandARM™ for Internal Wet Disc Brakes Seat Suspension seat with seat belts and arm rest; fore/aft adjustment; weight and lumbar adjustment PTO Electric Switch on CommandARM™ 3WD GRIP All Wheel Drive Traction System; when installed, AWD in mow and transport Tilt steering Left Foot operated for easy adjustment TechControl Display Standard									
MOWER									
Number of units	5								
Size, cm (in)	QA5 quick adjust 46 (18) 203 (80)	QA5 quick adjust 56 (22) 254 (100)							
Total cutting width, cm (in)	2.0 – 28.5 (0.078 – 1.125)								
Cutting height, mm (in)	51 mm / 2 in front and rear; optional front: 63.5 mm / 2.5 in or 76 mm / 3 in								
Rollers, mm / in	12.7 (5)								
Reel diameter (std. cutting unit), cm (in)	12.7 (5)								
FREQUENCY OF CLIP (FOC)									
11-blade QA5, mm/km/h (in/mph)	0.69 (0.044)								
7-blade QA5, mm/km/h (in/mph)	1.09 (0.069)								
DIMENSIONS									
Height with ROPS, cm (in)	219 (86)								
Length, cm (in)	305 (120)	338 (133)							
Transport width, cm (in)	232 (91)	221 (87)							
Mowing position width, cm (in)	237 (93)	288 (113)							
Operating weight (cutting units lowered, canopy, FTC's and power brush installed, incl. All fluids) kg (lb)	1,080 (2,381)	1,072 (2,358)	1,106 (2,438)						
GROUND SPEED									
Mowing, km/h (mph)	0 – 12.8 (0 – 8)								
Transport, km/h (mph)	0 – 16.1 (0 – 10)								
Reverse, km/h (mph)	0 – 8 (0 – 5)								
CONNECTIVITY									
	Standard								



7500A PRECISIONCUT™		7500A E-CUT™ HYBRID		8000A E-CUT™ HYBRID					
VEHICLE									
Traction drive	eHydro™ electronic-controlled hydrostatic pump to wheel motors								
Reel drive	Tandem gear pump	56-V, 240-amp smart alternator belt-driven by the engine, alternator LoadMatch™							
Steering	Hydraulic power with double-acting steering cylinder								
Wheels and Tires	26.5 x 14 – 12 turf Drive Tires and 20 x 12 – 10 turf Steering Tires	24 x 13 – 12 Smooth Drive Tires and 24 x 13 – 12 Smooth Steering Tires							
Brakes	Internal hydraulic wet disc brakes with dynamic braking through closed loop hydrostatic system								
CONTROLS									
Throttle	Automatic controls with AutoPedal™ foot controls; manual control through TechControl display								
Forward/reverse	2-pedal								
Mower lift	One-touch single handle on CommandARM™ at operator's right								
Parking brake	Electric Switch on CommandARM™ for Internal Wet Disc Brakes								
Seat	Suspension seat with seat belts and arm rest; fore/aft adjustment; weight and lumbar adjustment								
PTO	Electric switch on CommandARM™								
3WD	(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		GRIP All Wheel Drive Traction System; AWD in mow and transport. Hydraulic flow links wheel motors together for excellent traction				
Tilt steering	Left foot-operated for easy adjustment								
TechControl Display	Standard								
MOWER									
Number of units	5								
Size, cm (in)	QA5 quick adjust 56 (22)				QA5 quick adjust 46 (18)				
Total cutting width, cm (in)	254 (100)								
Cutting height, mm (in)	2.0 – 28.5 (0.078 – 1.125)								
Rollers, mm / in	51 mm / 2 in front and rear; optional front: 63.5 mm / 2.5 in or 76 mm / 3 in								
Reel diameter (std. cutting unit), cm (in)	12.7 (5)								
FREQUENCY OF CLIP (FOC)									
11-blade QA5, mm/km/h (in/mph)	0.69 (0.044)								
7-blade QA5, mm/km/h (in/mph)	1.09 (0.069)								
DIMENSIONS									
Height with ROPS, cm (in)	219 (86)								
Length, cm (in)	338 (133)				232.5 (88)				
Transport width, cm (in)	221 (87)	231 (91)							
Mowing position width, cm (in)	287 (113)	236 (93)							
GROUND SPEED									
Mowing, km/h (mph)	0 – 12.9 (0 – 8)								
Transport, km/h (mph)	0 – 19.3 (0 – 12)								
Reverse, km/h (mph)	0 – 9.7 (0 – 6)								
CONNECTIVITY									
	Standard								



6700A PRECISIONCUT™ **6700A E-CUT™ HYBRID** **7700A PRECISIONCUT™** **7700A E-CUT™ HYBRID**
FAIRWAY MOWERS

ENGINE			
Type	Three Cylinder Engine	Turbocharged 3-cylinder	
Maximum rated power as per SAE J1995, kW (hp)	18.6 (24.7) at 3,000 rpm	31 (42.1) at 2,800 rpm	
Displacement, cc (cu in)	1,267 (77.3)	1,568 (95.69)	
Injection	Indirect	Direct inject	
Air cleaner		2-stage dry element	
Fuel		Diesel	
Fuel tank capacity l (US gal)	43.5 (11.5)	61.7 (16)	
Cooling system	Liquid centrifugal. Pump – forward machine location for optimum cooling		
VEHICLE			
Traction drive	eHydro™ electronic-controlled hydrostatic pump to wheel motors		
Reel drive pump	Gear pump – single	56-V, 240-amp alternator belt-driven by the engine, alternator LoadMatch™	Tandem gear pump
Steering	Hydraulic power with double-acting steering cylinder		
Wheels and Tires	26.5 x 14 – 12 Smooth Drive Tires and 24 x 13 – 12 Smooth Steering Tire	26.5 x 14 – 12 turf Drive Tires and 20 x 12 – 10 turf Steering Tires	
Brakes	Internal hydraulic wet disc brakes with dynamic braking through closed loop hydrostatic system		
CONTROLS			
Throttle	Hand throttle on CommandARM™ at operator's right	Automatic controls with AutoPedal™ foot controls; manual control through TechControl display	
Forward/reverse		2-pedal	
Mower lift	One-touch single handle on CommandARM™ at operator's right		
Parking brake	Electric Switch on CommandARM™ for Internal Wet Disc Brakes		
Seat	Suspension seat with seat belts and arm rest; fore/aft adjustment; weight and lumbar adjustment		
PTO	Electric Switch on CommandARM™		
4WD	GRIP All Wheel Drive Traction System; when installed, AWD in mow and transport	(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	
Tilt steering	Left Foot operated for easy adjustment		
TechControl Display	Yes		
MOWER			
Number of units	5		
Size, cm (in)	QA7 quick adjust 56 (22) 254 (100)		
Total cutting width, cm (in)	6.3 – 50.8 (0.25 – 2)		
Cutting height, mm (in)	7.6 (3)		
Rollers, cm (in)	17.8 (7)		
Reel diameter (std. cutting unit), cm (in)			
FREQUENCY OF CLIP (FOC)			
10-blade QA7, mm/km/h (in/mph)	1.06 (0.067)		
8-blade QA7, mm/km/h (in/mph)	1.33 (0.084)		
DIMENSIONS			
Height with ROPS, cm (in)	218 (86)		
Length, cm (in)	338 (133)	339 (133)	
Transport width, cm (in)	221 (87)	221 (87)	
Mowing position width, cm (in)	287 (113)	295 (116)	
GROUND SPEED			
Mowing, km/h (mph)	0 – 12.9 (0 – 8)		
Transport, km/h (mph)	0 – 16.1 (0 – 10)	0 – 19.3 (0 – 12)	
Reverse, km/h (mph)	0 – 8 (0 – 5)	0 – 9.7 (0 – 6)	
CONNECTIVITY			
	Standard		



8700A PRECISIONCUT™ **8900A**
FAIRWAY MOWERS

ENGINE					
Type	Turbocharged diesel 4-cylinder				
Maximum rated power as per SAE J1995, kW (hp)	41.1 (55.9) at 2,800 rpm				
Displacement, cc (cu in)	2,091 (127.06)				
Injection	Direct inject				
Air cleaner	2-stage dry element				
Fuel	Diesel				
Fuel tank capacity l (US gal)	61.7 (16)				
Cooling system	Liquid centrifugal. Pump – forward machine location for optimum cooling				
VEHICLE					
Traction drive	eHydro™ electronic-controlled hydrostatic pump to wheel motors				
Reel drive pump	Tandem gear pump				
Steering	Hydraulic power with double-acting steering cylinder				
Front drive tyres	26.5 x 14 – 12 turf Drive Tires and 20 x 12 – 10 turf Steering Tires				
Ground pressure, psi	10				
Brakes	Internal hydraulic wet disc brakes with dynamic braking through closed loop hydrostatic system				
ROPS	Standard; meets ISO 21299 Standard				
CONTROLS					
Throttle	Automatic controls with AutoPedal™ foot controls; manual control through TechControl display				
Forward/reverse	2-pedal				
Mower lift	One-touch single handle on CommandARM™ at operator's right				
Parking brake	Electric Switch on CommandARM™ for Internal Wet Disc Brakes				
Seat	Suspension seat with seat belts and arm rest; fore/aft adjustment; weight and lumbar adjustment				
PTO	Electric switch on CommandARM™				
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				
Tilt steering	Left foot-operated for easy adjustment				
TechControl Display	Yes				
MOWER					
Number of units	5				
Size, cm (in)	Quick Adjust QA7 56 (22)				
Total cutting width, cm (in)	254 (100)	Quick Adjust QA7 66 (26) or 76 (30)			
Cutting height, mm (in)	6.3 – 50.8 (0.25 – 2)				
Rollers, cm (in)	7.6 (3)				
Reel diameter (std. cutting unit), cm (in)	17.8 (7)				
FREQUENCY OF CLIP (FOC)					
10-blade QA7, mm/km/h (in/mph)	1.06 (0.067)				
8-blade QA7, mm/km/h (in/mph)	1.33 (0.084)				
DIMENSIONS					
Height with ROPS, cm (in)	218 (86)				
Length, cm (in)	338 (133)				
Transport width, cm (in)	221 (87)	QA7 with 66 (26) is 221 (87) or with 76 (30) is 239 (94)			
Mowing position width, cm (in)	287 (113)	QA7 with 66 (26) is 330 (130) or with 76 (30) is 371 (146)			
GROUND SPEED					
Mowing, km/h (mph)	0 – 12.9 (0 – 8)				
Transport, km/h (mph)	0 – 19.3 (0 – 12)				
Reverse, km/h (mph)	0 – 9.7 (0 – 6)				
CONNECTIVITY					

