

# AERATORS, BUNKER RAKES AND GOLF SPRAYERS



**JOHN DEERE**

NOTHING RUNS LIKE A DEERE







# UNPARALLELED QUALITY AND VERSATILITY

## AERATORS, BUNKER RAKES AND GOLF SPRAYERS

Whether it's putting the finishing touches to a golf course bunker or a new-course construction project, our aerators, bunker rakes and golf sprayers set the benchmark in terms of quality and versatility.

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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 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.

## POWERGARD™ PROTECTION

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

## FINANCING

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

\*At participating dealers only. PowerGard™ Protection Plan requires a maintenance plan.

\*\*At participating dealers only.



# 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.

## 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.

## ORIGINAL JOHN DEERE PARTS

Even John Deere machines need repairs eventually. When the day comes, our dealers pull out all the stops to maximise uptime and get them back on the job. With a state-of-the-art workshop and a fully-trained technical team on hand, they can provide professional support backed by the latest updates coming direct from the factory. For smaller repairs you'd rather do yourself, they can supply everything you need overnight – even for older models.





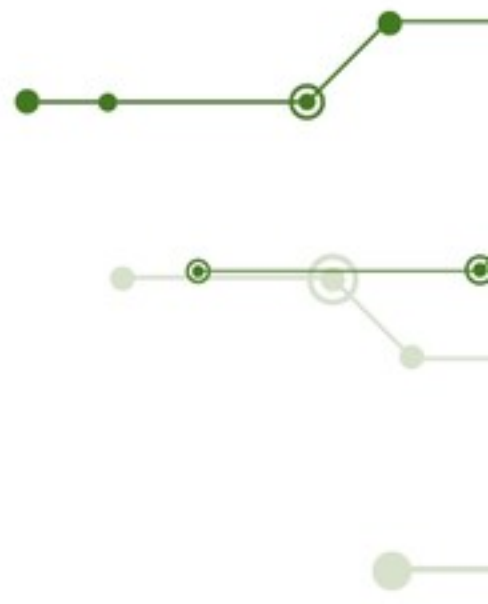


## STAY IN CONTROL OF YOUR MACHINES

### 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. You will also enjoy superior hands-on support and assistance from your dealer with Remote Display Access. And thanks to automatic maintenance alerts, you can ensure your machine always performs its best.





## REMOTE MACHINE SUPPORT

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. And with John Deere Connected Support™ from your dealer, they can 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.



# WALK BEHIND AERATORS

## AERCORE™ 800

On greens and tees, choose a walk-behind John Deere Aerator Aercore™ 800 for outstanding hole quality and versatility.

### HOLE QUALITY

Thanks to the Aercore™ 800's electro-hydraulic system, the coring head lifts and lowers twice as fast and follows contours and undulations automatically. The narrow coring width (80 cm/31.5 in) promotes consistent hole depth on undulating greens. The 18.6 kW (25 hp) Kohler engine runs slower during entry and exit for even cleaner results.

Tight Turns – the mechanical transmission and differential make inner/outer wheel speeds independent.







## VERSATILE VERTICUTTER

The optional verticutter attachment has carbide-tipped blades and lets you aerate, verticut ... or do both at once.



## TD100 TOPDRESSER

The TD100 makes topdressing easy and precise. Rated capacity: 680 kg (1,500 lb); spread width: 142 cm (56 in).



## AERCORE™ 800

18.6 kW (25 hp) at 3,600 rpm

Coring Width: 80 cm (31.5 in)

Coring Depth max.: 8.9 cm (3.5 in)

Dual v-belt drive

**FLEXI-LINK  
CORING SYSTEM**



# BUNKER & FIELD RAKE

1200A & 1220 TRUFINISH™

We offer not one, but two ways to put a pristine finish on your bunkers. Our gear-driven 1200A is the benchmark for all other bunker and field rakes. Prefer a hydrostatic machine? Our 1220 TruFinish™ has pulling and pushing power to spare.



## QUIET AND COMFORTABLE

The nimble, powerful 1200A has the same proven drive train as our popular T-Series Gators. The engine is fully soundproofed, and the adjustable high-back seat and standard rear rake power lift make operation a breeze.



## EASY TO OPERATE

On the 1200A, you select forward-or-reverse with your left foot and apply the transaxle disc brake with your right foot. Both pedals are conveniently mounted on the foot platforms, so there's no need to stretch or look down.

## GRIP ON DEMAND

Need more traction on that fine sand? Just press your left heel down to lock the differential.





### **SPACE FOR STUFF**

Store clothing, snacks and more in a handy rear basket.

### **SMOOTH AND STEADY (1220 TRUFINISH™)**

The foot-pedal operated hydrostatic transmission keeps operators comfortable all day.

### **SEE IT ALL**

Instruments and controls are positioned for easy reach and visibility.





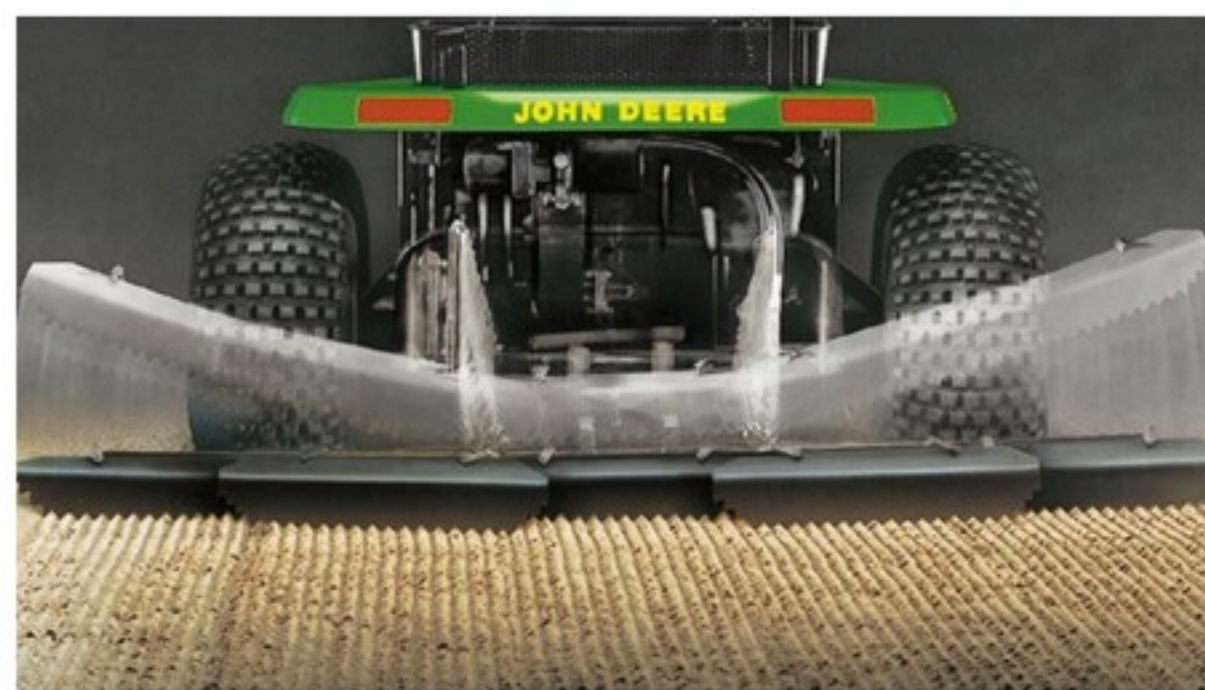


## MID MOUNT PRODUCTIVITY

Our optional mid-mount scarifiers and cultivators are easy to attach to the 1220 TruFinish™. Both have hydraulic controls for easy operation

## POWER-LIFT

Power-lift is standard. Flipping a switch on the 1200A or operating the hydraulic lever on the 1220 TruFinish™ is all it takes to raise and lower the rake or other rear implement.



## NO MORE SLIPPING

For serious torque and traction, choose the 1220 TruFinish™ with its hydrostatic 3-wheel drive and high flotation tyres.



## 1200A

10.1kW (13.5 hp) at 3,600 rpm

Operating speed:  
0 – 20.3 km/h (0 – 12.6 mph)



## 1220 TRUFINISH™

13.4kW (18 hp) at 3,600 rpm

Operating speed:  
0 – 19 km/h (0 – 12 mph)



## ATTACHMENTS FOR BUNKER AND FIELD RAKES

ATTACHMENTS	1200A	1220 TRUFINISH™
<b>FAN RAKE KIT</b>		
Description	–	Installed directly on the rear rake attachment. Save time by combining debris removal with the raking process. Provides a less aggressive grooved playing surface than serrated finish blades alone.
<b>RAKE</b>		
Description	Stainless steel flexible spring tines. For use on less severe compaction, loosens sand while providing protection against bunker edge damage. Rear mount, power-lift control	
Width, mm (in)	1,981 (78)	1,830 (72)
Blades	Five-section, bunker or field	Five-section, bunker
<b>CULTIVATOR</b>		
Description	Triangle steel blades, a more aggressive blade design, allow for aggressive cultivation and weed control practices. Mid mounted, 10 blades, hand control w 5 position depth adjustment	
Width, mm (in)	1,626 (64)	147 (58)
<b>MID MOUNT SPRING TINE SCARIFIERS</b>		
Description	Stainless steel flexible spring tines. For use on less severe compaction, loosens sand while providing protection against bunker edge damage.	
Width, mm (in)	157 (48)	
<b>FRONT BLADE</b>		
Description	Ideal for general-purpose jobs such as pushing sand, gravel, and finish-grade soils. Fully adjustable with stowable operator handle. Heavy-duty construction for extended blade life. Optional, hand control with lock-up position	
Width, mm (in)	1,016 (40)	
<b>ALUMINIUM FRONT BLADE</b>		
Width, mm (in)	1,524 (60)	–
<b>WIDE AND NARROW INTERVAL SCARIFIER TINES ATTACHMENT</b>		
Description	Loosen surface compaction while allowing smaller debris, such as small rocks, to pass through the blades.	
Width, mm (in)	Wide – 1,606 (63.25); Narrow – 1,574.8 (62)	Wide – 147 (58); Narrow – 1,574.8 (62)
<b>MID-MOUNT SCRAPER BLADE ATTACHMENT</b>		
Width, mm (in)	1,649 (64.5)	–
Height, mm (in)	144 (56.25)	–
<b>REAR-MOUNTED FIELD FINISHER</b>		
Description	Provides a smooth playing surface finish on sports fields. Use in dry field conditions.	
Width, mm (in)	1,538 (60)	1,830 (72)
<b>REAR MOUNT FLEX BLADE FINISHER</b>		
Description	Flexible rubber blades work in the toughest conditions, whether the field is wet or dry. Smooths and levels the infield surfaces, providing superior playing surfaces with integrated mesh drag mat.	
Width, mm (in)	–	183 (72)
<b>REAR RAKE MOUNTED BRUSH ATTACHMENT</b>		
Description	–	Installed directly on the rear rake attachment. Provides soft, natural, smooth finish to the playing surface.



Fan rake kit



Rake



Front blade



Wide and narrow interval scarifier tines attachment



Rear-mounted field finisher



Rear mount flex blade finisher



Rear rake mounted brush attachment



# PROGATOR™

## THE CLUB PROFESSIONAL

Meet our club professional! From spraying and top dressing to debris collection, the ProGator™ utility vehicle helps you keep your turf in peak condition. Even under load, the power steering and tight turning radius make it a pleasure to drive.



### LET IT FLOW!

That's no problem with the 750 litre capacity of the HD200 sprayer. And with a range of booms measuring 4.6 m (15 ft), 5.5 m (18 ft) and 6.4 m (21 ft), there's no shortage of choice, either!



### GOOD TOP DRESSING IS HALF THE BATTLE

The TD100 Top Dresser features a seamless conveyor belt up to 0.54 m<sup>3</sup> (19 cu ft.) capacity. What's more, the hopper is made of galvanized steel.







## ROOM FOR MORE

With its massive cargo capacity of up to 1,594 kg (3,514 lb) and low centre of gravity, the ProGator™ can take it – literally.



## PROGATOR™

Diesel Engine 18.4 kW (24.7 hp)

Displacement: 1,267 ccm (77.3 cu in)

Speed: 31 km/h (19 mph)

4-Wheel Drive, Optional

Rear Suspension:  
Dual Leaf Springs and Shocks

Towing Capacity: 680 kg (1,500 lb)

Payload Capacity: up to 1,594 kg (3,514 lb)

- Tight Turning Radius
- Low Centre of Gravity
- 5-Speed Synchronesh Transmission

## A MASTER OF ITS CRAFT

The TC125 turf collection system helps you pick up the pace when collecting aeration cores, sand, grass clippings and leaves.





# SELECTSPRAY™

JOHN DEERE HD200 SELECTSPRAY™

This high-performance sprayer makes your ProGator™ even more versatile. No tools required!



## PARKING STAND

Who says sprayers are just for spraying? Get more out of your ProGator™ with this sturdy, easy-to-mount stand.



## AUTO RATE CONTROL

Input which colour nozzles you're using, then synch your target application rate to your ground speed – automatically, and in realtime.



## TOUGH TANKS

The impact-resistant polyethylene tanks are styled for a low centre of gravity and a clear view of the outer boom sections.







### BOOM OPTIONS

Our 5.5 m (18 ft) and convertible 4.6/6.4 m (15/21 ft) booms with electric-hydraulic lift and bi-directional breakaway function are ideal for greens, fairways and tees.

### NOZZLE BODIES

Whatever you need to spray, these standard triple-nozzle bodies make nozzle and droplet setup easy.

### DIAPHRAGM PUMP

Enjoy ample flow for all turf applications – and ample power for high-pressure tank agitation.



### CLEAN LOAD CHEMICAL EDUCTOR

The ergonomic, waist-level eductor takes the strain off operators when lifting and loading heavy chemicals.





# PRECISIONSPRAY

## HD200 GPS PRECISIONSPRAY

Spray more efficiently and document spray jobs automatically – with the HD200 GPS PrecisionSpray. The factory assembled sprayer ensures a consistent finish for an exceptional customer experience.



### PROVEN TECHNOLOGY

Farmers all over the world trust our proven StarFire™ and GreenStar™ components for smooth, fuss-free productivity. Thanks to sophisticated RTK signal correction, the exterior, interior and no-spray zones you map won't shift while you work!



### FINGERTIP CONTROL

With a generous touch screen, convenient section control switches and automated documentation, efficiency has never been so easy.



### AUTOTRAC™ UNIVERSAL 300 (ATU 300)

Less overlap, less fatigue ... with AutoTrac™ at the wheel, operators can focus on what matters most – spraying.







### FOOLPROOF ACCURACY

Every nozzle in every section is controlled automatically, and only sprays inside a mapped area that hasn't been treated yet.



### PRECISE VOLUMES

The simplified plumbing architecture, flow meter and rpm adjuster pump enable precise spray volumes.

### JOHN DEERE OPERATIONS CENTER™

Work Planner and accurate mapping help you set spray zones and rates precisely. That's good for your budget – and good for the environment.





## SPECIFICATIONS



AERCORE™ 800 WALK-BEHIND AERCORE™	
<b>ENGINE</b>	
Type	4 cycle petrol with electric starter
Horsepower, kW (hp)	18.6 (25)* at 3,600 rpm
Displacement, cc (cu in)	725 (44.2)
Fuel Capacity, ltr	18.9
Fuel Type	regular unleaded
<b>CORING</b>	
Transmission (Coring)	Mechanical 1st, 2nd, 3rd and 4th gear
Transmission (Transport)	Transport 5.6 km/h (3.5 mph)
Coring Head Drive	Matched dual v-belts
Lift System	Electro-hydraulic, electric pump, single hydraulic
Width, cm (in)	80 (31.5)
Depth, mm (in)	Up to 88.9 (3.5)
1st gear coring pattern	36 × 36 mm w/mini tines, (1.4 × 1.4 in)
2nd gear coring pattern	50 × 50 mm (2.0 × 2.0 in)
3rd gear coring pattern	65 × 50 mm (2.6 × 2.0 in)
4th gear coring pattern	75 × 50 mm (2.9 × 2.0 in)
<b>PRODUCTIVITY</b>	
1st gear	1,024 sq m/hr, 11,025 sq ft/hr
2nd gear	1,440 sq m/hr, 15,750 sq ft/h
3rd gear	1,933 sq m/hr, 20,710 sq ft/hr
4th gear	2,123 sq m/hr, 22,835 sq ft/hr
Weight, kg (lb)	595 (1,312)
Height, mm (in)	1,110 (44)
Width, mm (in)	1,473 (58)
Length, mm (in)	2,134 (84)

\* Engine horsepower and torque information are provided by the engine manufacturer to be used for comparison purposes only. Actual operating horsepower and torque will be less. Refer to the engine manufacturers website for additional information.

TC125	
<b>MACHINE INFORMATION</b>	
Vehicle requirements	Powered by either a compact utility tractor or HDUV with a selective control valve (SCV). Hydraulic requirements – 6 gpm (23 Lpm), 2,000 psi (13.8 mPa) minimum continuous
Gathering width, cm (in)	121.9 (48)
Hopper capacity, m <sup>3</sup> (cu ft)	0.71 (25)
Hitch	Attaches with standard 19 mm (3/4 in) hitch pin
Offset towing feature	Allows the unit to be towed directly behind or offset to the left side of the vehicle. Easily performed while operator remains seated
Hydraulic collection	3 quick-disconnect couplers (2 rotary brush, 1 lift cylinder)
Lift	Hydraulic-powered lift cylinder for dumping
Pick-up system	Hydraulic-powered rotary brush
Brush speed, rpm	500–600, direct drive hydraulic motor
Rollers, cm (in)	Brush aggressiveness and flotation is controlled by a 15.24 (6) diameter full-width roller directly behind the rotary brush. The roller height can be adjusted to accommodate the turf conditions and degree of brush wear.
Productivity	Clears an average green in 15 minutes
Tyres	26.5 × 14 – 12
<b>DIMENSIONS</b>	
Height, cm (in)	162.5 (64) lowered; 368 (145) raised
Length, cm (in)	350.5 (138)
Width, cm (in)	238.7 (94)
Weight, kg (lb)	1,250 (578)
Dump height clearance, cm (in)	120 (49)

TD100	
<b>MACHINE INFORMATION</b>	
Vehicle requirements	Powered by a HDUV with a selective control valve (SCV). Hydraulic requirements – 6 gpm (23 Lpm), 2,000 psi (13.8 mPa) minimum continuous
Drive	Hydraulic motor, based on ProGator™ engine rpm; controlled by ProGator™ auxiliary hydraulic control operated from drivers seat
Lift	using ProGator™ auxiliary hydraulic kit, operated from drivers seat
Mounting	two pins at rear, one pin at lift cylinder
<b>HOPPER</b>	
Rated capacity	max 680 kg / 1,500 lb leveld 0.35 m <sup>3</sup> / 12 cu ft heaped 0.54 m <sup>3</sup> / 19 cu ft
Size, cm (in)	Top: 146 × 91 (57.625 × 36) Bottom: 146 × 61 (57.625 × 24) Depth: 40.6 (16)
Spreat width, cm (in)	142 (56)
Material	Galvanized Steel
<b>CONVEYOR BELT</b>	
Material	Nylon/polyester cord, textured, rubber coating
Constraction	endless belt
Width, cm (in)	142 (56)
<b>BRUSH</b>	
Material	Polypropylene
Diameter, cm (in)	22.9 (9)
Speed of rotation	190 (motor at 44) rpm
<b>METERING</b>	
Type	fixed-speed belt, adjustable metering gate
Metering gate adjustment	infinite 0–7.62 cm height (0–3 in)
Controls	two hand levers, one to adjust, one to lock
<b>DIMENSIONS</b>	
Height, cm (in)	63.5 (25)
Length, cm (in)	131 (51.5)
Width, cm (in)	164 (64.5)
Overall height mounted on vehicle	129.5 (51)
Weight, kg (lb) empty	311 (685)
Shipping Weight, kg (lb)	367 (810)





1200A

1220 TRUFINISH™

## BUNKER AND FIELD RAKE

ENGINE			
Type	4-cycle, air-cooled		
Maximum rated power, kW (hp)*	10.1 (13.5) at 3,600 rpm		13.4 (18.0) at 3,600 rpm
Cubic capacity, cc (cu in)	401 (24.5)		570 (34.8)
Lubrication	Full-pressure lubrication		
Oil filter	Standard		
Idle speed, rpm	1,175 ± 75 low speed 3,100 ± 75 fast speed		1,750 rpm low speed 3,300 rpm fast speed
ELECTRICAL SYSTEM			
Type	12 volt, 13-amp regulated		12 volt, 16 amp
Battery	12 volt, 38-amp hour		12 volt, 500 CCA
Starter	Electric		
Ignition	Transistor type		
Light kit	Available		
FUEL SYSTEM			
Tank capacity, ltr	13.6		18.9
Fuel required	Regular leaded or unleaded petrol		Regular unleaded petrol
TRANSMISSION			
Type	Belt-driven torque converter with Kanzaki gear-driven transaxle		Hydrostatic with 3 hydraulic wheel motors and selectable 2WD/3WD
Fluid capacity, ltr	13.6		18.9
TRAVEL SPEED			
Forward, km/h (mph)	Variable, 0 – 20.3 (0 – 12.6)		0 – 19 (0 – 12)
reverse, km/h (mph)	Variable, 0 – 20.3 (0 – 12.6)		0 – 8 (0 – 5)
BRAKES			
Type	Mechanically operated disc with parking brake		Dual rear wheel parking brakes; dynamic braking provided by closed loop hydrostatic powertrain
TYRES			
Front	One 22.5 × 10 – 8, 2 PR high flotation		One 22 – 11 × 10 Knobby Tire
Rear	Two 25 × 12 – 9, 2 PR high flotation		Two 22 – 11 × 10 Knobby Tire
DIMENSIONS			
Width, cm (in)	147 (58)		
Height, cm (in)	104 (41)		189 (74.4)
Length, cm (in)	168 (66)		173 (68)
Wheelbase, cm (in)	105 (41.5)		107 (42)
Ground clearance at rake attachment, mm (in)	241 (9.5)		178 (7)
Turning radius, mm (in)	305 (12)		0
Weight (approx.), kg (lb)	263 (580)		431 (950)

\* Engine horsepower and torque information are provided by the engine manufacturer to be used for comparison purposes only. Actual operating horsepower and torque will be less. Refer to the engine manufacturer's website for additional information.






**PROGATOR™ 2030A**
**HEAVY DUTY WORK SERIES**

<b>ENGINE</b>	
Type	1,267 cc, 3-Cylinder, Diesel
Power kW (hp) at min <sup>-1</sup>	17.8 (24.2) at 3,200
Cooling System	Liquid
Air filter	Replaceable dual dry-type
Air Filter restriction indicator	Standard
Fuel Tank, ltr	30.3
<b>POWER STEERING</b>	
	Yes
<b>4 -WHEEL DRIVE</b>	
	Optional
<b>DRIVE SYSTEM</b>	
Type	5-speed Synchronesh with Five Forward Gears and One Reverse Gear
Ground Speed, km/h*	0 – 31 Forward
Differential Lock	Standard, Hand-Operated
Brakes	4-wheel hydraulic drum
Suspension, Front	Dual Leaf Springs and Shocks
Suspension, Rear	Dual Leaf Springs and Shocks
<b>DIMENSIONS</b>	
Dimensions (W × L × H), mm (incl. Cargo box and std tires)	1,586 × 3,285 × 1,936
Turning circle diameter inside 2WD, cm (in)	43,2 (17)
Turning circle diameter inside 4WD, cm (in)	175,3 (69)
Weight (Including Fluids, standard suspension), kg (lb) – 2WD	856 (Base Maschine, No Driver, No Passenger, No Loaded Attachment)
Weight (Including Fluids, standard suspension), kg (lb) – 4WD	915 (2,017)
Towing Capacity, kg (lb)	680 (1,500)
Payload Capacity, kg (lb) 2wd standard suspension	1,594 (3,514)
Payload Capacity, kg (lb) 4wd standard suspension	1,535 (3,384)
<b>GROUND CLEARANCE</b>	
	Under Transaxle: 168
<b>DELUXE CARGO BOX</b>	
Type / Material	Steel
Dimensions (L × W × D), mm	1,650 × 1,283 × 267
Volume, ltr	565
<b>TYRES</b>	
Front	23 × 10.50 – 12, 4 PR Industrial Trax or Smooth Tyres
Rear	26 × 12.00 – 12, 4 PR MultiTrac C/S 26 × 14.00 – 12, 4 PR MultiTrac C/S 26 × 14.00 – 12, 4 PR Smooth Tyres 26 × 14.00 – 12, 4 PR Fairway Tyres
Seating Capacity	2

\* Homologation type and speed may vary by country. Please refer to your dealer.

**MACHINE INFORMATION**

Vehicle requirements

**SPRAYER**

Tank  
Frame  
Capacity gross, ltr  
Capacity rated, ltr  
Agitation  
Pressure/flow regulator  
Filter  
Boom shutoff valves  
Throttling valves  
Clean Water Tank, ltr  
Foamer Soap Tank, ltr  
Rinse Tank Capacity gross, ltr  
Rinse Tank Capacity rated, ltr

**DIAPHRAGM PUMP**

Number of diaphragms  
Lubrication  
PTO  
Max flow, ltr/min  
Max pressure, psi (bar)  
Relief pressure, psi (bar)

**AUTOMATIC RATE CONTROLLER**

Type  
Switches on control box  
Pressure sensor, psi (bar)  
Gauges

Rate control

**BOOM**

Construction  
Number of sections  
Breakaway  
Boom height  
Lift systems  
Width, m (ft)  
Nozzle configuration  
Shut Off

**FOAM MARKER**

Type  
Pump  
Rate

**MOUNTING**

Type  
Removal

Storage

**DIMENSIONS (18-FT BOOM)**

Boom height (wings raised), cm (in)  
Boom width (wings raised), cm (in)  
Boom width (wings lowered), cm (in)  
Nozzle count

**DIMENSIONS (15-FT/21-FT BOOM)**

Boom height (wings raised and extensions folded), cm (in)  
Boom height (wings raised and extensions raised), cm (in)  
Boom width (wings lowered and extensions extended), cm (in)  
Boom width (wings lowered and extensions folded), cm (in)  
Boom width (wings raised), cm (in)  
Nozzle body count





### HD200 SELECTSPRAY™

#### SPRAYER

Powered by HDUV ProGator™ 2030 with a selective control valve (SCV). Hydraulic requirements – 6 gpm (23 Lpm), 2,000 psi (13.8 mPa) minimum continuous, mirror kit, Throttle/Governor control kit; need to be ordered separately

High density polyethylene

Welded steel

757

700

Standard intense jet agitation with several arigation nozzles, adjusted by proportional control valve; 7.9 mm / 0.313 (5/16) in orifice

Electric

100 mesh, self-cleaning

Electric

Standard; adjustable

integrated, 15

integrated, 15

75

70

3

Oil

Hydraulically driven motor

113.9

290 (20)

200 (13.8)

Weather-resistant control box with electronic control switches and digital pressure display; removable without tools for storage

Individual boom on/off, boom master, foam marker, boom lift/lower, pressure increase/decrease, auto/manual

363 (25)

Digital speed, digital pressure, digital tank sight gauge and digital flow rate on rate controller screen

Constant pressure or constant flow

Heavy duty 14-gauge square tubing

3

Bidirectional

Adjustable

Electro-hydraulic standard

5.5 (18) or 4.6 (15) / 6.4 (21)

Triple-nozzle bodies on 50cm (20 in) spacing section

Electric

Individual air and liquid pumps, solution mixes at foamer head

Adjustable with no tools by turning rotary knob on foamer box

3-pin sprayer to frame

3 pins, disconnect three electrical connectors, two hydraulic lines for easy removal with no tools

Optional storage stands

228 (90)

180 (71)

514 (203)

11

178 (70)

244 (96)

615 (242)

478 (188)

252 (99)

13



### HD200 GPS PRECISIONSPRAY

#### SPRAYER

#### MACHINE INFORMATION

Vehicle requirements

Powered by HDUV ProGator™ 2030, 17.6 kW (23.6 hp) 1,267 diesel engine, with a selective control valve (SCV). Hydraulic requirements – 6 gpm (23 Lpm), 2,000 psi (13.8 mPa) minimum continuous, mirror kit, Throttle/Governor control kit, roof kit w rear panel, 4WD, Fairway Rear Tires, Standard Turf Fron Tires, Heave Duty suspension kit, 4 post ROPS, pre-wired ready to spray

#### SPRAYER

Tank

High density polyethylene

Frame

Welded steel

Capacity gross, ltr

757

Capacity rated, ltr

700

Agitation

Standard intense jet agitation with several arigation nozzles, adjusted by proportional control valve; 7.9 mm / 0.313 (5/16) in orifice

Pressure/flow regulator

Electric

Filter

100 mesh, self-cleaning

Boom shutoff valves

Electric

Throttling valves

Standard; adjustable

Clean Water Tank, ltr

integrated, 15

Foamer Soap Tank, ltr

integrated, 15

Rinse Tank Capacity gross, ltr

75

Rinse Tank Capacity rated, ltr

70

#### DIAPHRAGM PUMP

Number of diaphragms

3

Lubrication

Oil

PTO

Hydraulically driven motor

Max flow, ltr/min

113.9

Max pressure, psi (bar)

290 (20)

Relief pressure, psi (bar)

200 (13.8)

#### CONTROL SYSTEM

Display

John Deere 4240 Universal Display

Reciever

John Deere StarFire™ 6000 Reciever

Steering System

John Deere AutoTrac™ ATU 300 Universal

Rate Controller

John Deere Green Stare Rate Contol GRC

Celluar Modem

John Deere Yukon 4G

Pressure Senor

WIKA

Pressure Sensor Spec

25 bar max; 18.4 mV/PSI 1/4; NTP Thread

Flowmeter

ARAG 2660-0069

Flowmeter spec

Paddle 1.3 – 26 GPM (5–100 L/min); 290 max PSI (20 bar); ARAG 4 bolt pattern; typical calibration 2,365 pulses/gallon

Rate control

Constant pressure or constant flow

#### BOOMS

Construction

Heavy duty 11-gauge square tubing w blach powdercoat

Number of sections

3

Breakaway

Bidirectional

Boom height

Adjustable

Lift systems

Electro-hydraulic standard

Width, m (ft)

5.5 (18)

Nozzle configuration

Triple-nozzle bodies on 50cm (20 in) spacing

Shut Off

individual nozzlw shut of

Max Operation Pressure (plumbing) psi (bar)

150 (10.3)

#### FOAM MARKER (OPTIONAL)

Type

Electric

Pump

Individual air and liquid pumps, solution mixes at foamer head

Rate

Adjustable with no tools by turning rotary knob on foamer box

#### MOUNTING

Type

3-pin sprayer to frame

Removal

3 pins, disconnect three electrical connectors, two hydraulic lines for easy removal with no tools

Storage

Optional storage stands

#### DIMENSIONS (18-FT BOOM)

Boom height (wings raised), cm (in)

239 (94)

Boom width (wings raised), cm (in)

180 (71)

Boom width (wings lowered), cm (in)

531 (209)

Weight boom empty kg (lb)

210 (95)

Nozzle body count

11



# AT HOME WHERE YOU ARE

When you work where others play, you need a turf equipment partner you can trust to keep your course or sports field in perfect condition. For all your golf course equipment and sports turf equipment needs, you can count on John Deere to be there for you with top-quality machines, forward-thinking technology, and reliable support.



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