

Aerators

Aercore™



Punch in. Punch out. Fast.

The standard bearers for quality aeration:

The Aercore 800, 1000, 1500 and 2000™ Aerators from John Deere.

Simplicity meets superior performance. In short, that sums up the John Deere line of Aercore Aerators. These ground-breaking walk-behind and tractor-mounted aerators have consistently delivered high productivity without sacrificing hole quality, durability, or ease of service.

The Aercore design is rooted in common sense and logic. Easily accessible belts, instead of chains, power the systems, making them quieter and more durable in high-shock conditions like hardpan or rocky terrain.

But the true hero of the Aercore story is the patented “flexi-link” design. This supporting arm ensures the tines stay perpendicular to the ground longer for a higher quality hole. The proof is in the productivity: the Aercore 800 can punch up to 582,400 high-quality holes per hour, while the Aercore 1000, 1500, and 2000 exceed that at 600,000, 900,000 and 1,200,800 holes each.

Just like a great golf swing, the Aercore Aerators are remarkably consistent in quality and quantity.



1500
Aercore



800
Aercore



FLEXI-LINK

This patented design keeps the tines perpendicular to the ground longer. The result? Hole quality that's unsurpassed.



PRODUCTIVITY

With the Aercore design, high productivity and hole quality go hand-in-hand. An Aercore Aerator can punch as much as 1.2 million holes an hour.

Got acres and acres of aeration ahead of you? Put one of these behind you.

Whether you're aerating fairways or sports fields, nothing beats the Aercore 1000, 1500 and 2000 for hole quality and productivity. These tractor-mounted units core a mighty swath. The 1000 can aerate from 20,000 to 50,000 sq. ft./hr. at a coring swath of 37.5 inches. The 1500 can do 30,000 to 75,000 sq. ft./hr. at a coring swath of 57.5 inches. And the 2000 aerates from 40,000 to 100,000 sq. ft./hr. at a coring swath of 77.5 inches.

And where tractors are concerned, you can't do better than the most legendary name in the business. Our line of gear- and hydrostatic-drive tractors are the best fit for the Aercores. With a wide range of horsepower choices, these compact tractors feature advantages like power steering, independent PTOs, and differential locks, and offer productive options like four-wheel drive and mid PTOs. The Aercore 1000 requires a minimum of a 15-PTO-hp tractor, the 1500 requires a minimum of a 22-PTO-hp tractor, and the 2000 requires a minimum of a 33-PTO-hp tractor. All require a Category I, three-point hitch and proper ballast.



1000
Aercore



1500
Aercore



2000
Aercore

Exceptional Parts support

Behind every John Deere Product is a parts support network to get you the high-quality part you need fast. If your distributor does not have a part in stock, in most cases you can order it by 5 p.m., and have it the next day. Or even order parts online at www.JDParts.JohnDeere.com.

1000

For tight areas, the Aercore 1000 is sized right, with a coring swath of 37.5 inches and productivity up to 600,000 holes per hour.

1500

The Aercore 1500 can punch up to 900,000 holes per hour at a coring swath of 57.5 inches.

2000

Producing up to 1,200,800 holes per hour, with a coring swath of 77.5 inches, the Aercore 2000 can make short work of long fairways and fields.



DEPTH GAUGE

An easy-to-adjust depth gauge on the outside of the 1000, 1500, and 2000 allow you to choose depth setting up to 4 inches.

TINES

Tired of breaking tines? Our line of HDT (heavy-duty tip) tines can last an entire eighteen holes without being replaced.



Aercore 800. Sets the pace for better productivity.

Bring on the large greens and tees. With the walk-behind Aercore 800, you'll be getting more done in less time. An electrohydraulic lift system cuts the time to lift and lower the coring head in half, greatly improving hole quality. (It also allows the coring head to follow contours and undulations automatically.)

A 25-hp Kohler engine delivers high power to the coring head and traction drive systems, while running at low rpms on entry and exit, further increasing hole quality. Standard drive tire core deflectors allow easier cleanup. There's even an optional carbide-blade tipped verticutter attachment which makes it possible to aerate and verticut simultaneously.

Best of all, this system employs a mechanical transmission that reduces hydraulics on your greens and uses only 2 quarts of Bio Hy-Gard™ hydraulic fluid.

DEPTH

Easy to adjust depth gauge allows you to choose depth setting up to 3.5 inches



800 Aercore

FOUR GEARS ON THE AERCORE 800 ALLOW YOU TO MATCH PRODUCTIVITY AND SPEED

NARROW 31.5 IN. WIDTH PROMOTES CONSISTENT HOLE DEPTH ON UNDULATIONS

CORING HEAD BETWEEN THE TIRES FOLLOWS CONTOURS AND UNDULATIONS AUTOMATICALLY

Want lusher turf, fast? Try the affordable add-on verticutter for the 800 Aercore.

With it, you can laterally slice rhizomes and stolons to stimulate new, denser growth. Since efficiency and versatility are top concerns, our verticutter with carbide-tipped blades was designed to allow you to aerate only, verticut only—

or do both simultaneously. This is accomplished with the mechanism of a belt drive system that engages when the coring head is lowered, and disengages when the coring head is raised.

It's simple to set height with a convenient, and precise, no-tool

depth adjustment. And with standard tire scrapers to eliminate debris build-up, you can consistently operate at virtually any depth up to 1-3/4-in. (44.5 mm).

So ask your distributor about the Aercore 800 verticutter attachment. It's the ultimate in affordability, convenience and efficiency.

TC125

Finish up the job with our clean up crew.

The TC125 Collection system makes cleaning up cores a breeze. With a 25-cubic-foot-capacity hopper and 48-inch collection swatch, the TC125 can clear the average green in 15 minutes. The adjustable roller height allows for varying turf conditions, which prevents aggressive brush wear. And the hydraulic-powered lift cylinder makes it easy for one person to dump cores.

AN EFFICIENT DIRECT-DRIVE HYDRAULIC MOTOR POWERS THE BRUSH ON THE TC125.

TC125 HAS A GENEROUS 25-CUBIC-FOOT-CAPACITY. THIS OFFSET, TOWED ATTACHMENT ALLOWS ONE PERSON TO EASILY PICKUP AND DUMP CORES.

	800	1000	1500	2000
Machine				
Coring Width	31.5 in. (80 cm)	37.5-in. (95.3 cm)	57.5-in. (146.1 cm)	77.5-in. (196.9 cm)
Coring Depth	Up to 3.5 in. (88.9 mm)	Up to 4 in. (100 mm)	Up to 4 in. (100 mm)	Up to 4 in. (100 mm)
Coring Pattern	1.4 x 1.4 in. w/mini tines (36 x 36 mm) 2.0 x 2.0 in. (50 x 50 mm) 2.6 x 2.0 in. (65 x 50 mm) 2.9 x 2.0 in. (75 x 50 mm)	Variable 2.4 in. x 2.0 in. to 5.0 in. (61 mm x 51 mm to 127 mm) with 4x tine holders. Variable 3.2 in. x 2.0 in. to 5.0 in. (81.3 mm x 50 mm to 125 mm) with 3x tine holders.	Variable 2.4 in. x 2.0 in. to 5.0 in. (61 mm x 51 mm to 127 mm) with 4x tine holders. Variable 3.2 in. x 2.0 in. to 5.0 in. (81.3 mm x 50 mm to 125 mm) with 3x tine holders.	Variable 2.4 in. x 2.0 in. to 5.0 in. (61 mm x 51 mm to 127 mm) with 4x tine holders. Variable 3.2 in. x 2.0 in. to 5.0 in. (81.3 mm x 50 mm to 125 mm) with 3x tine holders.
Productivity				
1.4 in. x 1.4 in. (36mm x 56mm)	11,025 sq. ft./hr. (1024 sq. m/hr)			
2.0 in. x 2.0 in. (50mm x 50mm)	15,750 sq. ft./hr. (1440 sq. m/hr.)			
2.0 in. x 2.6 in. (50mm x 65mm)	20,710 sq. ft./hr. (1933 sq. m/hr.)			
2.0 in. x 3.0 in. (50mm x 75mm)	22,835 sq. ft./hr. (2123 sq. m/hr.)			
2.4 in. x 2.0 in. (30mm x 50mm)		20,013 sq. ft./hr. (1,859 sq. m/hr)	30,020 sq. ft./hr. (2,789 sq. m/hr)	40,026 sq. ft./hr. (3,722 sq. m/hr)
2.4 in. x 2.5 in. (30mm x 64mm)		25,016 sq. ft./hr. (2,324 sq. m/hr)	37,525 sq. ft./hr. (3,486 sq. m/hr)	50,033 sq. ft./hr. (4,653 sq. m/hr)
2.4 in. x 3.0 in. (30mm x 76mm)		30,020 sq. ft./hr. (2,789 sq. m/hr)	45,030 sq. ft./hr. (4,183 sq. m/hr)	60,040 sq. ft./hr. (5,584 sq. m/hr)
2.4 in. x 4.0 in. (30mm x 101mm)		40,026 sq. ft./hr. (3,718 sq. m/hr)	60,039 sq. ft./hr. (5,578 sq. m/hr)	80,053 sq. ft./hr. (7,445 sq. m/hr)
2.4 in. x 4.5 in. (30mm x 111mm)		45,030 sq. ft./hr. (4,069 sq. m/hr)	67,544 sq. ft./hr. (6,282 sq. m/hr)	90,059 sq. ft./hr. (8,376 sq. m/hr)
2.4 in. x 5.0 in. (30mm x 127mm)		50,033 sq. ft./hr. (4,648 sq. m/hr)	75,049 sq. ft./hr. (6,972 sq. m/hr)	100,066 sq. ft./hr. (9,306 sq. m/hr)
Weight	1,372 lb. (622 kg)	865 lb. (392 kg)	1,100 lb. (499 kg)	1,728 lb. (772 kg)
Height	39 in. (990 mm)	39 in. (990 mm)	39 in. (990 mm)	39 in. (990 mm)
Width	58 in. (1,473 mm)	45.7 in. (1,160 mm)	65.5 in. (1,662 mm)	85.7 in. (2,177 mm)
Length	84 in. (2,134 mm)	33 in. (845 mm)	33 in. (845 mm)	33 in. (845 mm)
Engine				
Manufacturer	Kohler Command 25 hp			
Horsepower	25 hp (18.6 kW)*			
Cycle	4			
Displacement	44.2 cu. in. (725 cc)			
Fuel Capacity	5 U.S. gal. (18.9 L)			
Fuel Mixture	Regular-Unleaded, Leaded			
Ignition	Solid State			
Air Filter	1 dual element			
Starter	Electric/Solenoid			
Transmission (Coring)	Mechanical 1st, 2nd, 3rd and, 4th gear			
Transmission (Transport)	Transport 3.5 mph (5.6 km/h)			
Coring Swath	31.5-in. (800.1 mm)			
Coring Head Drive	Matched dual v-belts			
Lift System	Electro-hydraulic, electric pump, single hydraulic actuator			

	TC125
Machine	
Vehicle Requirements	Powered by compact utility tractor or HDUV with a Selective Control Valve (SCV). Hydraulic requirements: 6 gpm (23 Lpm), 2,000 psi (13.8 mPa) (min. continuous)
Gathering Width	48 in. (121.9 cm)
Hopper Capacity	25 cu. ft. (0.71 cubic meters)
Hitch	Attaches with std. 3/4 in. (19 mm) hitch pin
Offset Towing Feature:	Allows the unit to be towed either directly behind or offset to the left side of vehicle. Easily performed while the operator remains seated.
Hydraulic Connection	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	500-600 rpm, direct drive hydraulic motor
Rollers	Brush aggressiveness & flotation controlled by 6 in. (15.24 cm) dia. full width roller behind rotary brush. Roller height adjustable to accommodate turf conditions and brush wear.
Productivity	Clears an average green in 15 minutes
Tires	26.5x14x12
Dimensions	
Height	64 in. (162.5 cm) - lowered, 145 in. (368 cm) - raised
Length	138 in. (350.5 cm)
Width	94 in. (238.7 cm)
Weight	1,250 lb. (578 kg)
Dump Height Clearance	49 in. (120 cm)

Consider us part of your crew.