Aercore Aerators

Aercore | 800, 1000, 1500, 2000
The John Deere benchmark for quality aeration: the Aercore 800, 1000, 1500 and 2000 Aerators.

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.
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 1,858 to 4,645 m²/h (20,000 to 50,000 sq.ft./h) at a coring swath of 95 cm (37.5 in). The 1500 can do 2,787 to 6,967 m²/h (30,000 to 75,000 sq.ft./h) at a coring swath of 1.46 m (57.5 in). And the 2000 aerates from 3,716 to 9,290 m²/h (40,000 to 100,000 sq. ft./h) at a coring swath of 1.96 m (77.5 in).

And where tractors are concerned, you can’t do better than with one of the most legendary names in the business. Our line of gear and hydrostatic drive tractors are the best fit for the Aercores. With a wide range of PTOs in our CUT Series, 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 15-24 PTO hp tractor while the 1500 and 2000 perform best between 22 and 30 PTO hp. All require a Category I, three point hitch and proper ballast.

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

<table>
<thead>
<tr>
<th>2000</th>
<th>Depth gauge</th>
<th>Tines</th>
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<tr>
<td>Producing up to 1,200,800 holes per hour, the Aercore 2000 can make short work of long fairways and fields.</td>
<td>An easy to adjust depth gauge on the outside of the 1000, 1500 and 2000 allow you to choose depth settings up to 10.2 cm (4 in.).</td>
<td>Tired of breaking tines? Our line of HDT (heavy duty tip) and HD (heavy duty) tines can last an entire eighteen holes without being replaced.</td>
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<td>The Aercore 1500 can punch up to 900,000 holes per hour at a coring swath of 1.46 m (57.5 in).</td>
<td>For tight areas, the Aercore 1000 is sized right, with a coring swath of 95 cm (37.5 in) and produces up to 600,000 holes per hour.</td>
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Aercore 800. Improved for even better productivity.

Bring on the large greens and tees. With the changes we’ve made to the walk behind Aercore 800, you’ll be getting more done in less time. With a new 25 hp engine, the Aercore 800 delivers increased power to the coring head and traction drive systems. It also allows for lower engine rpms on entry and exit, increasing hole quality.

You’ll also notice that the Aercore 800 now sports standard drive tyre core deflectors. They displace cores that are in the path of the drive tyres, allowing for easier clean-up. And a new electro hydraulic lift lower system cuts the time to lift and lower the coring head in half, greatly improving entry and exit hole quality.

The Aercore 800 still delivers the high productivity and hole quality this line is known for, thanks to the patented “flexi-link” mounting design.

Cores are pulled first, which reduces the surface tension to allow the verticutter attachment to slice cleanly to a maximum depth of 44.5 mm (1 3/4 in) in all four operating gears.

Core dispersal

New core deflectors move cores out of the path of the drive tyres, enabling easier clean-up and preventing cores from being matted down.

Depth

Easy to adjust depth gauge allows you to choose depth settings up 8.9 cm (3.5 in).

Unique concept – aerate and verticut your turf in one pass, saving time and labour from coring to clean-up.
Offset towing feature allows unit to be towed either behind or offset to the right side of the towing unit.

Powerful 12 hp engine provides up to 2.1 hours of pulverising at 75% load capacity.

Adjustable belt drive brushes and rotating blades pulverise cores into fine powder.

If you’d rather grind up cores, the CP48 Core Pulveriser can handle moist or dry cores. A 48 in gathering width collects the cores, while adjustable belt drive brushes and rotating blades pulverise the cores into a fine powder, thus returning the material back to the turf. An offset towing feature allows the unit to be towed either behind or offset to the right side of the towing unit.

The TC125 has a generous 0.7 m³ (25 cubic foot) capacity. The towed attachment allows one person to easily pick up and dump cores.

An efficient direct drive hydraulic motor powers the brush on the TC125.

The TC125 Collection system makes cleaning up cores easy. With a 0.7 m³ (25 cubic foot) capacity hopper and 122 cm (48 in) collection swath, 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.

Finish up the job with our clean up crew.
**Machine:**
- **Coring Width:**
  - SPECS: 800 - 1.47 m (58 in)
  - 1000 - 1.65 m (65 in)
  - 1500 - 1.89 m (74 in)
  - 2000 - 2.13 m (84 in)
- **Coring Depth:**
  - SPECS: 800 - 0.95 m (38 in)
  - 1000 - 1.06 m (42 in)
  - 1500 - 1.20 m (47 in)
  - 2000 - 1.35 m (53 in)
- **Hole Pattern:**
  - SPECS: 800 - 1 x 2 (3.2 x 2 to 5 in)
  - 1000 - 1 x 2 (3.2 x 2 to 5 in)
  - 1500 - 1 x 2 (3.2 x 2 to 5 in)
  - 2000 - 1 x 2 (3.2 x 2 to 5 in)

**Productivity:**
- **Gathering Width:**
  - SPECS: 800 - 1.22 m (48 in)
  - 1000 - 1.22 m (48 in)
  - 1500 - 1.22 m (48 in)
  - 2000 - 1.22 m (48 in)
- **Hopper Capacity:**
  - SPECS: 800 - 3 (25 cu. ft.)
  - 1000 - 3 (25 cu. ft.)
  - 1500 - 3 (25 cu. ft.)
  - 2000 - 3 (25 cu. ft.)
- **SPECS (TC 125 CP 48):**
  - **Vehicle Requirements:**
    - **Power:**
      - 272 kW (600 lb) towing capacity and 12-volt electrical system
      - 1.22 m (48 in)
    - **Rollers:**
      - Brush aggressiveness and flotation controlled by 15.24 cm (6 in) dia. full width roller behind rotary brush. Roller height adjusted to accommodate turf conditions and brush wear.
      - Clear an average green in 15 minutes
    - **Productivity:**
      - Clears an average green in 10 minutes; one person operation
      - Two 18 x 8.5-8 4-ply turf tyres
    - **Tyre Pressure:**
      - 81.28 cm (32 in)
    - **Engine Manufacturer:**
      - Kohler Command Pro 8.9 kW (12 hp)
      - 10-12 psi (0.69-0.84 kg/cm²)
      - Eight section polyester bristle
      - Adjusted by height adjustment cranks on both sides of unit

**Dimensions:**
- **Height:**
  - SPECS: 800 - 99 cm (39 in)
  - 1000 - 99 cm (39 in)
  - 1500 - 99 cm (39 in)
  - 2000 - 99 cm (39 in)
- **Width:**
  - SPECS: 800 - 2.39 m (94 in)
  - 1000 - 1.91 m (75 in)
  - 1500 - 1.66 m (65.5 in)
  - 2000 - 2.18 m (85.7 in)
- **Height Clearance:**
  - SPECS: 800 - 1.20 m (49 in)
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