

Drill & Fill[®] Mfg.

Specialty Aerification Equipment



Drill & Fill[®] Aerator Specifications

Amend The Soil Profile While Aerifying

Drill & Fill® Aerator Specifications

Turf Tractor

Engine: Kubota D1105, 25 hp
3 cylinder water cooled diesel

**Front Wheel
Drive System
(Hydrostatic):**

- a) Danfoss Transmission
- b) Parker drive motor w/ 4000 cartridge relief
- c) Omega transmission/engine coupling

Fuel Capacity: 10 gallons diesel - 11 hours running time at 3/4 throttle

Steering: Hydrostatic power steering - Danfoss

Brakes: Manual hydraulic disc - Dexter

Clutch: Positive neutral, foot pedal

Tires: 27 x 12 LL X 15.6 - Soft Turf LL

Wheel Base: 72" close - open adjustable - rear axle width x 110" length

Instrument Gages: Engine temperature, alternator charging, hour meter, glow plug indicator, engine oil light

Overall Length: 142"

Overall Height: 78" with 24 bit Drill and Fill® head

Speed: 10 miles per hour maximum

Hydraulic Tank: 8 gallons

PTO Drive: 1,550 at 3,000 engine rpm

Drill & Fill® Aerator (24 bit drill/fill head: DF-24)

Tooling: 24 carbide tipped drill bits
22.5" x 60" pattern

Drill Depth: 1" to 12"

Drill Spacing: 7 1/2" on center

Drill Bit Sizes: 15/16" diameter at 8" depth
3/4" diameter at 12" depth
15/16" drill bits at 8" depth or 3/4" drill bits at 12" depth will install 0.26 cubic yards of material per 1,000 square feet.

Aerification Speed: Up to 3,500 square feet per hour at 8" depth

Drill Bit Rotation: 300 at 3,000 engine rpm

Hopper Capacity: 0.18 cubic yards per fill

Drill & Fill® Aerator Drill Bit Options

3/4" x 16 1/2"	3/4" x 12" Soilless *
15/16" x 12"	3/4" x 16 1/2" Soilless *
1" x 16 1/2"	15/16" x 12" Soilless *
1 1/4" x 12"	

* no material left on surface

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