

**Specification Sheet for Drill Aerator and Drill & Fill<sup>®</sup> Aerator**

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***Turf Tractor***

<b>Engine:</b>	Kubota 1105, 25 h.p., 3 cylinder water cooled diesel
<b>Front Wheel Drive System (Hydrostatic):</b>	a) Sunstrand - Sauer Transmission b) Parker-Ross drive motor w/ 4000 cartridge relief c) Omega transmission/engine coupling
<b>Fuel Capacity:</b>	10 gallons diesel - 11 hours running time at 3/4 throttle
<b>Steering:</b>	Hydrostatic power steering - Ross Hydraglide
<b>Brakes:</b>	Manual hydraulic disc - Chrysler Corp.
<b>Clutch:</b>	Positive neutral, foot pedal
<b>Tires:</b>	27 x 12 LL X 15.6 - Soft Turf LL
<b>Wheel Base:</b>	72" close- open adjustable - rear axle width x 110" length
<b>Instrument Gages:</b>	Engine temperature, alternator charging, hour meter, glow plug indicator, engine oil light
<b>Overall Length:</b>	142"
<b>Overall Height:</b>	60 head - 56", 24 bit Drill and Fill <sup>®</sup> - 78"
<b>Speed:</b>	10 miles per hour maximum
<b>Hydraulic Tank:</b>	8 gallons
<b>PTO Drive:</b>	1,550 at 3,000 engine rpm

***Drill Aerator Head Specifications (60 bit standard drill head: D-60)***

<b>Tooling:</b>	Up to 60 carbide tipped drill bits spaced on 5" centers, 35" x 60" pattern
<b>Drill Depth:</b>	1" to 17"
<b>Drill Bit Sizes:</b>	Standard 5/8" and 3/4"
<b>Aerification Speed:</b>	6,000 sq. ft. per hour at 10" deep
<b>Drill Bit Rotation:</b>	300 at 3,000 engine rpm



***Drill & Fill<sup>®</sup> Aerator (24 bit standard drill head: DF-24)***

<b>Tooling:</b>	24 carbide tipped drill bits spaced on 7.5" centers, 22.5" x 60" pattern
<b>Drill Depth:</b>	1" to 12"
<b>Drill Bit Sizes:</b>	Standard 15/16" diameter and 8" depth Special 3/4" diameter and 12" depth At 8" deep with 15/16" drill bits or 12" deep with 3/4" drill bits will install 0.21 cubic yards of material per 1,000 square feet.
<b>Aerification Speed:</b>	Up to 3,500 square feet per hour at 8" deep
<b>Drill Bit Rotation:</b>	300 at 3,000 engine rpm
<b>Hopper Capacity:</b>	0.21 cubic yards per fill

