Flexibility is the key to this versatile line of fans. Shogun Modular Fans are available in a variety of blade counts and virtually any pilot or bolt circle specification. Plus, innovative manufacturing techniques deliver them in short lead times.

Blade segments are riveted to a center disk for efficient customization. Shogun Modular Fans are offered in diameters from 16” to 22” [406.4 to 559 mm] — in configurations of 6 to 10 blades equally spaced.* Choose clockwise or counterclockwise rotation.

Designed to meet the cooling requirements of the new reduced-emission engines, Shogun is compatible with all Horton and competitive viscous fan drives.

- Computer-optimized blade design maximizes cooling performance.
- Unique construction minimizes deflection and reduces fan stress for more stable airflow and higher efficiency.
- Up to 14,000 cu. ft./min. [6.607 cu. m/sec.] of airflow.
- Ideal for off-highway vehicles and stationary equipment such as agricultural tractors, generator sets, skid-steers, backhoes and more.

As always, the fans come with the excellent service and availability you expect from Horton.

*Staggered blade arrangements available upon request.
Shogun™ Modular Fans — Specifications

**Diameters**  
16" – 22" [406.4 – 559 mm]

**Blade Configurations**  
6 – 10 blades equally spaced*

**Standard Pilots**  
1" – 5" [25 – 127 mm]

**Pitch Width**  
2.44" [62 mm]

**Weight**  
- 18" [457 mm] 6-blade fan with 1" [25 mm] pilot = 3.7 lbs. [1.68 kg]
- 22" [559 mm] 10-blade fan with 5" [127 mm] pilot = 6.75 lbs. [3.06 kg]

**Maximum Tip Speed**  
18,000 ft/min [91 m/sec]

*Slagged blade arrangements available upon request.

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**Flexible Cooling Solution.**

**Horton Solution**  
Computer-optimized blade design

**Your Benefit**  
- Minimum deflection
- Reduces fan stress
- Increases airflow stability
- Maximizes efficiency

**INSIDE INFORMATION**

**Horton Solution**  
Innovative manufacturing process

**Your Benefit**  
- Cuts virtually any pilot or bolt circle
- Short lead time

**Horton Solution**  
Fully tested

**Your Benefit**  
- Ensures optimum cooling and durability

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**Engine Cooling Solutions Worldwide**