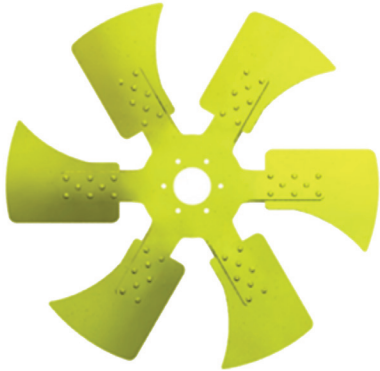
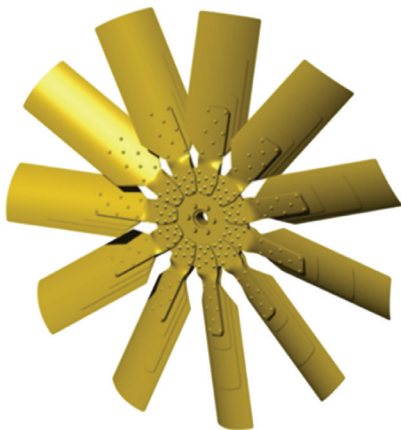


METAL FANS



SPIDER FANS

Robust riveted steel construction fans providing a cost effective solution for a wide range of cooling applications. Aluminium blades can be supplied upon request when there is a requirement for lower weight or higher speeds.



SEGMENTED FANS

Discreet blade assemblies are attached to the centre hub providing wide ranging performance options. Lightweight or super lightweight options are available.



REVERSIBLE METAL FAN

Metal blades riveted to forged arms held inside an aluminium casing. Blades can be manually rotated to reverse the air flow.

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METAL FANS

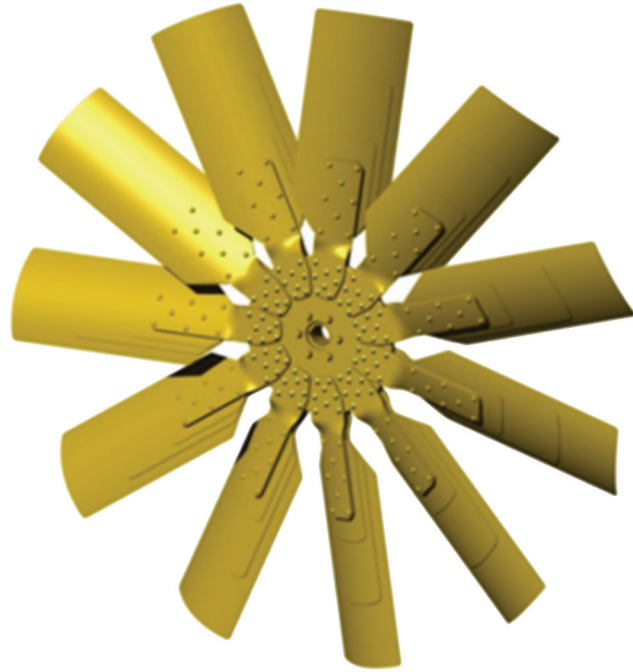
SEGMENTED FANS & LIGHTWEIGHT SEGMENTED FANS

BENEFITS

- Extremely durable design
- Perfect for use in aggressive environments

SPECIFICATIONS:

- Modular design featuring a steel centre hub
- Fan blade assemblies mount to the hub with 'Huck" lock bolts
- Diameter Range: 1500 mm to 3000 mm
- Available with 2 – 15 blades
- Available in steel, stainless steel and aluminium
- Available with three blade profiles: Parallel, Tapered Twist or Sickle



MARKET APPLICATIONS:

- **Engine Cooling:**
 - Mining
 - Power Generation

Fan Type	Min. Diameter	Max. Diameter	Blade Count	Blade Angle	Blade Type	Fan Materials
Segmented	1500 mm	3000 mm	2 - 15	17 to 31 Degree	Parallel, Tapered Twist, Sickle	Steel, Stainless Steel
Lightweight Segmented	1500 mm	2000 mm	2 - 11	17 to 31 Degree	Parallel, Tapered Twist, Sickle	Steel, Stainless steel, Aluminium

COMPARISON OF WEIGHT

Diameter	Cast Aluminium	Segmented Fan	Lightweight Segmented Fan
1524 mm	94 kg	72 kg	47 kg
1905 mm	131 kg	102 kg	78 kg
1981 mm	147 kg	120 kg	96 kg

METAL FANS

SPIDER FANS

BENEFITS

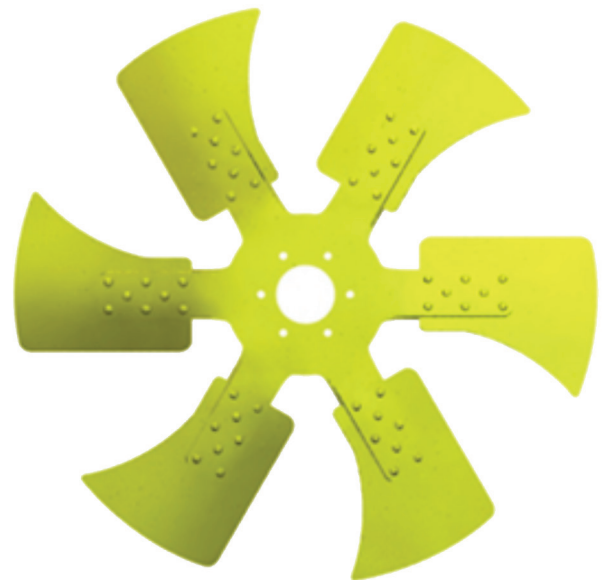
- Easy to create custom fan geometry/performance
- Robust construction
- Excellent for high temperature applications

SPECIFICATIONS:

- Fans materials include steel, stainless steel or aluminium
- Riveted steel construction
- Diameter: 250 mm to 1850 mm
- Two to eleven blades available
- Parallel, Tapered Twist, Sickle, Ejector and Bellmouth blade types available

MARKET APPLICATIONS:

- HVAC
- Engine Cooling:
 - Power generation
 - Industrial
 - Off Road



BLADE TYPES



Standard Parallel



Sickle

- Reduced Noise



Ejector

- Ejects debris to avoid radiator damage



Tapered Twist



Bellmouth

- Shaped to fit fan cowl

Min. Diameter	Max. Diameter	Blade Count	Blade Angle	Blade Type	Fan Materials
250 mm	1850 mm	2 to 11	10 to 40	Parallel, Sickle, Ejector, Tapered Twist and Bellmouth	Steel Stainless Steel Aluminium

METAL FANS

REVERSIBLE METAL FANS

BENEFITS

- Robust, heavy-duty fan
- Blades can be rotated to reverse air flow

SPECIFICATIONS:

- Available in 6 or 8 blades
- 580 mm to 1350 mm in diameter
- Available in steel or aluminium
- Parallel blade profile
- Full range of blade angles

MARKET APPLICATIONS:

- **Engine Cooling:**
 - Dozers
 - Hydraulic excavators
- HVAC



Min. Diameter	Max. Diameter	Blade Count	Blade Angle	Blade Type	Materials
580 mm	1350 mm	6, 8	Full Range	Parallel	Steel, Aluminium

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