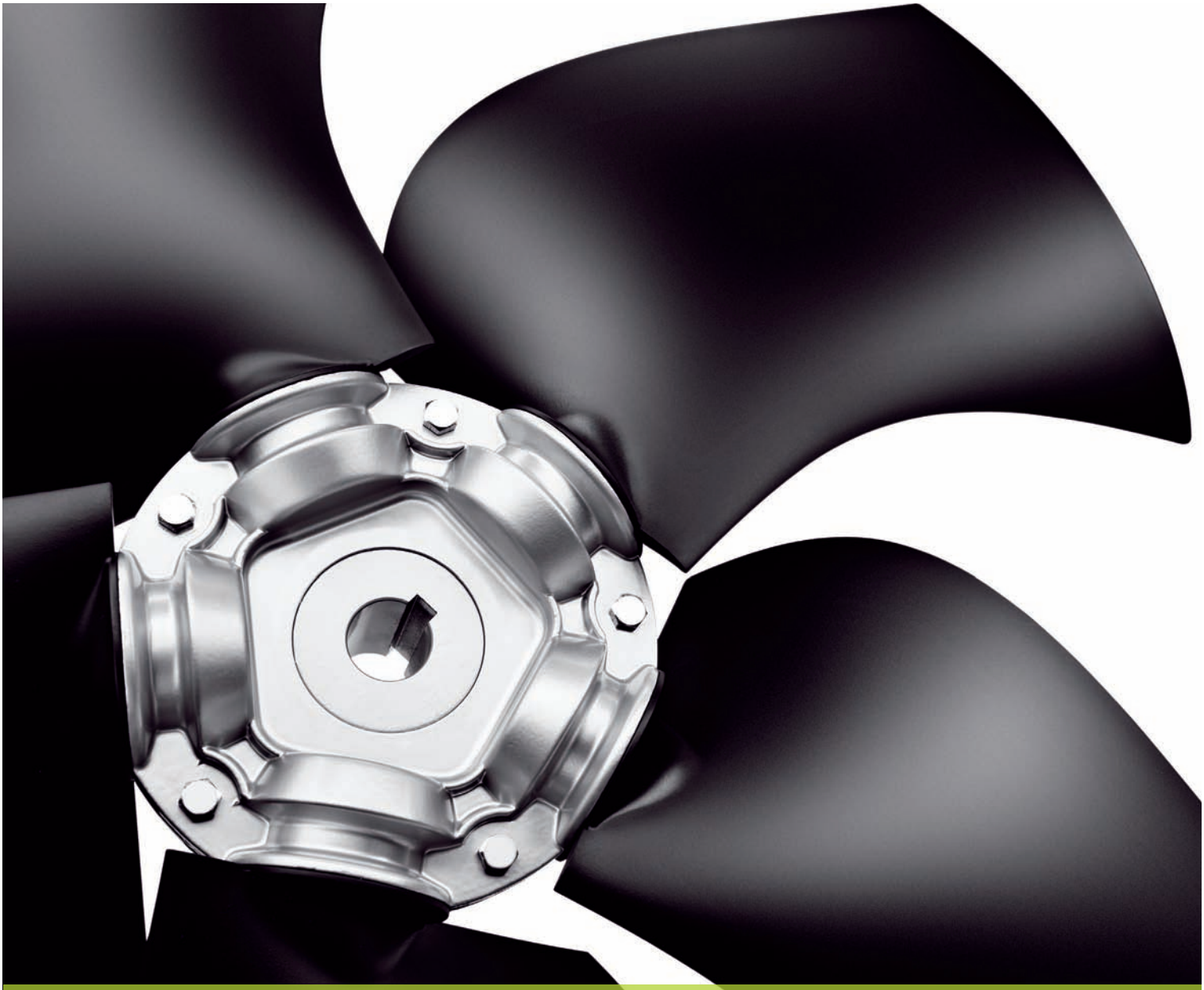


PRODUCT CONCEPT

Multi-Wing designs industrial axial fans for the worldwide Ventilation, Cooling and Industrial Heat Exchanger markets.

Our innovative system of standard, interchangeable components uses a broad range of blade profiles and materials. The result: axial fans tailored to your specific requirements with superior low-noise performance, outstanding engineering support and short lead times.

MULTI-WING™

AIRFOIL SERIES

Our airfoil profile provides uniform, high-volume airflow with low power consumption for optimum efficiency. The airfoil's twisted blade creates a broad operating range, making it suitable for everything from the most demanding engine-cooling applications to essentially any ventilation requirement.

The airfoil's low power consumption saves power while reducing noise, making it a high-efficiency solution for a spectrum of cooling applications.

Diameter ranges (mm):

Axial fan series	min. diameter	max. diameter
C	405	792
H	225	742
Z	225	1261
VK	360	720
W	504	1981
G	1210	2746

Available blades:
2H, 3H, 3Z, 4Z, 5Z, VK, 5W, 6W, 7W, 9W & 10G

SICKLE SERIES

Our sickle profile is the low-noise answer for generating pressure. The blade's swept design and thin trailing edge reduce pure tones in the sound spectrum and decrease vortex shedding to generate low wake turbulence for a quieter fan. The sickle's large chord length and overall surface area also combine to generate greater pressure at slower speeds.

The sickle profile is a natural selection for applications requiring low noise such as radiator packages for stationary and mobile construction, forestry equipment, compressors, generators and refrigeration applications.

Diameter ranges (mm):

Axial fan series	min. diameter	max. diameter
H	284	702
Z	405	1030
W	639	2097
G	1210	2536

Available blades: 1H, 4H, 1Z, 2Z, 7Z, 1W, 2W, 3W, 1G

TRUE REVERSIBLE SERIES

The true reversible profile produces 100% airflow in both directions and is more efficient than standard reversible impellers. The result is a cost-effective, low-noise impeller solution.

The true reversible blade produces impressive cooling performance in rugged industrial applications including wood and brick drying kilns, tunnel ventilation, tanneries, and radiator applications involving heavy debris such as construction, agriculture and waste management.

Diameter ranges (mm):

Axial fan series	min. diameter	max. diameter
TR7Z	319	1095
TR8Z	405	1175
TR11W	567	1606

Available blades: TR7Z, TR8Z & TR11W

INCREASING ARC SERIES

The increasing arc series is the perfect solution for applications requiring high airflow and high static pressure, operating with inefficient inlet geometry – a sharp-edge inlet or large tip clearance – common in engine cooling applications and radiator packages.

The increasing arc profile blades' broad tip area improves impeller performance in less-than-ideal conditions.

Diameter ranges (mm):

Axial fan series	min. diameter	max. diameter
H	225	742
Z	319	1255

Available blades: 6H & 6Z

BROAD PADDLE SERIES

The broad paddle profile produces higher pressure at low speeds due to its broad chord width. Lower operating speeds result in lower tip-speed-generated noise.

The broad paddle profile is ideal for coil applications such as oil coolers, air-cooled condensers and dry coolers.

Diameter ranges (mm):

Axial fan series	min. diameter	max. diameter
D	360	660
M	285	508
W	504	1656

Available blades: 8D, 8M & 8W

ONE-PIECE MOULDED FANS

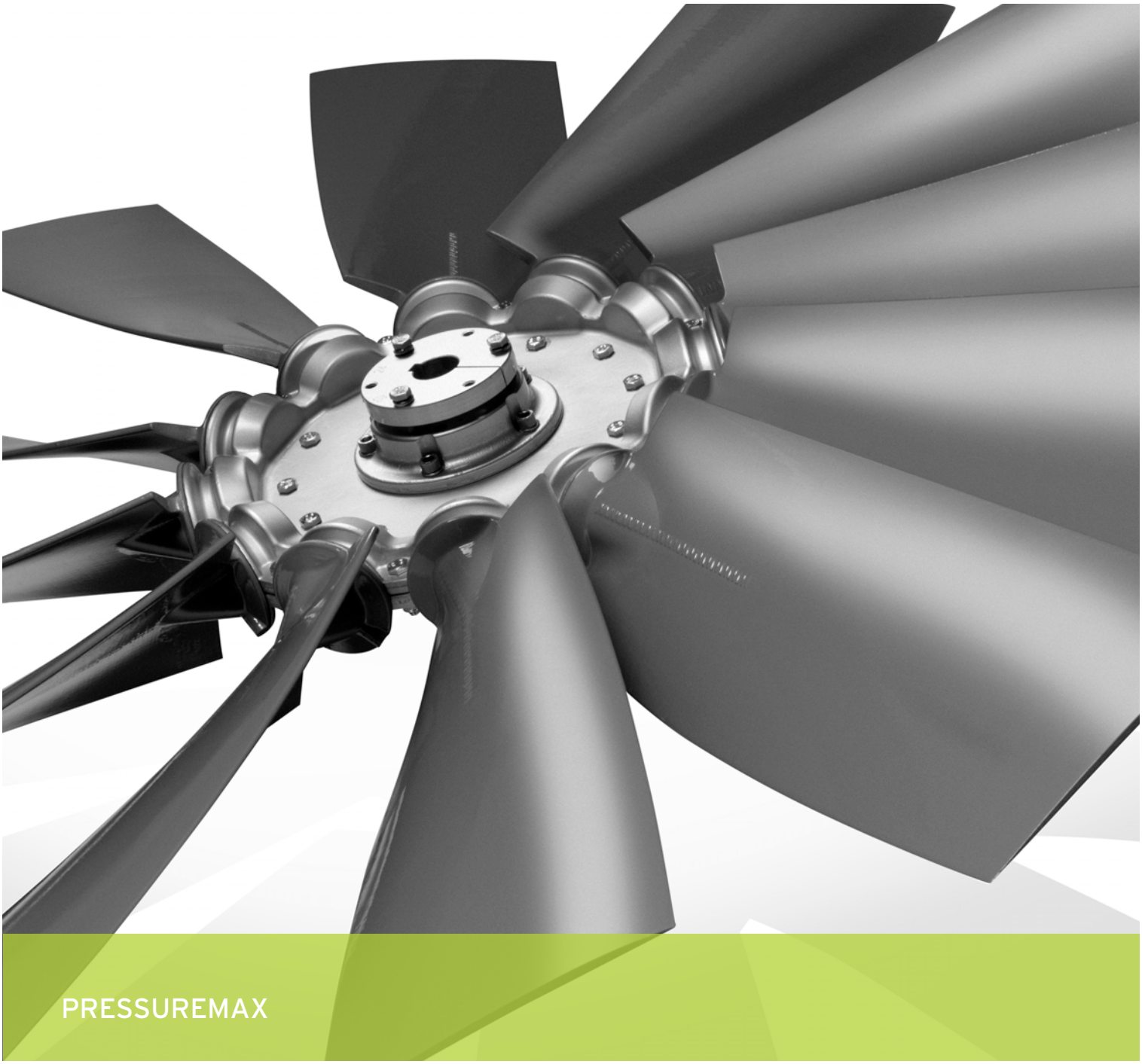
We design one-piece moulded axial fans for all types of applications, ranging from ventilation and cooling to industrial heat exchanger units. The one-piece moulded fans are 100% customised using our state-of-the-art technology and our research and development expertise.

The moulded fan provides outstanding performance while reducing power consumption and noise. We develop the impellers to match exact duty points and application geometries. The result is high-tech impellers at low cost.

Our one piece moulded fans are available in diameters ranging from 147 - 720 mm.

Call your local sales person for information about customized solutions.

Available profiles: airfoil, sickle & broad paddle



PRESSUREMAX

Multi-Wing's new PressureMAX™ axial fan is designed specifically to handle the high heat rejection requirements and ambient temperatures that result from Tier 4/Stage III B emission standards.

The innovative blade design delivers 20 percent more static pressure and is 5-7 percent more efficient than standard airfoil profiles, saving horsepower and fuel. And with virtually zero blade deflection its narrow axial depth makes it a perfect fit for engine compartments with a limited cooling envelope.

Diameter ranges (mm):

Axial fan series	min. diameter	max. diameter
PressureMAX	627	1295

Available blades: PMAX6Z

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www.multi-wing.com

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