

MULTI*WING



P MAX

**ENGINE COOLING
IMPELLER RANGE**

OUR NEWEST IMPELLERS FOR HIGH PRESSURE POWERTRAIN COOLING

FOR TIER 4F, TIER 5 AND STAGE V AND HYBRID POWERTRAINS

Increase the Limiting Ambient Temperature and improve the available engine power for essential machine functions while reducing noise emissions with our PMAX fans from 324 mm up to 2,438 mm (12.76–96 inch).

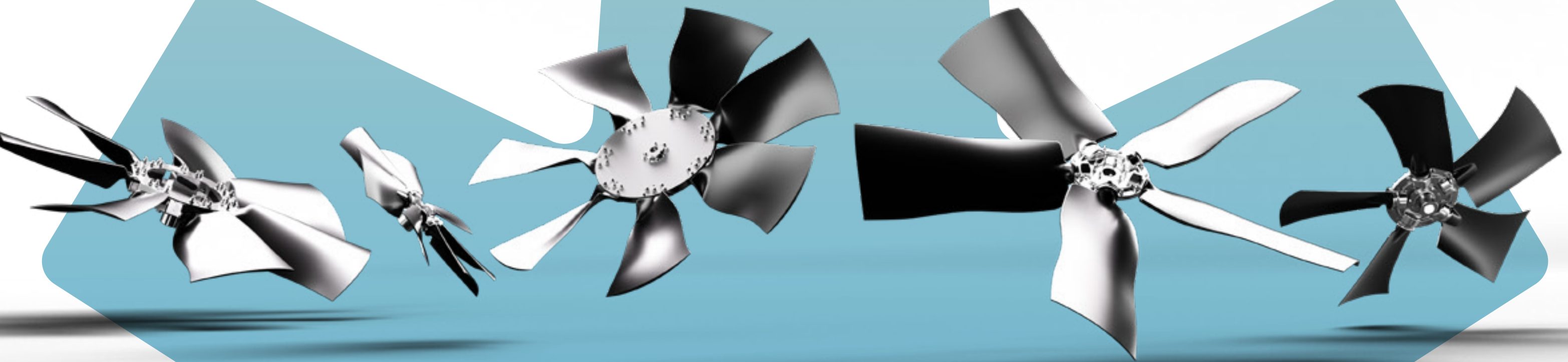
Our new PMAX range of high pressure Off-Highway engine cooling impellers offers significant noise reduction, lower power consumption and higher airflow in harsh environments. The special blade geometry.

PMAX APPLICATIONS

Excavators
Wheel Loaders
Road Construction
Gensets
Mining equipment
Material Handling
Cranes
Back-hoe Loaders
Mobile compressors
Rollers
Dozers
Dumpers



SCAN QR CODE
for more information



ONE-PIECE MOLDED RANGE

FOR TIER 4F, TIER 5 AND STAGE V AND HYBRID POWERTRAINS

The O-P1 and O-PMAX durable one-piece molded fans are well suited to high pressure application requiring high efficiency and low noise emissions.

Our one-piece molded fans are designed to meet the cooling and commercial targets of both construction and agricultural machinery markets.

Both Bi-metal and E-Viscous clutches can be easily fitted to O-PMAX impellers to modulate the fan speed thereby reducing fuel consumption and noise emissions



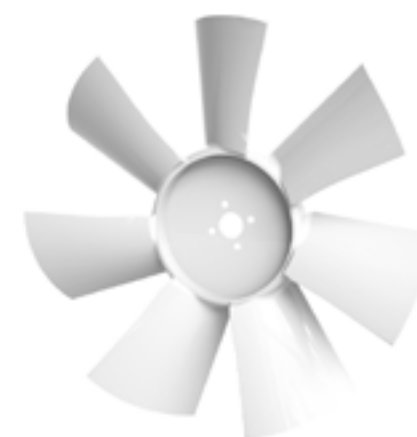
O-P1

324–508 mm (12.76–20.00 in)



O-PMAX2

360–520 mm (14.17–20.47 in)



O-PMAX3

432–600 mm (17.01–23.62 in)



O-PMAX4

540–762 mm (21.26–30.00 in)

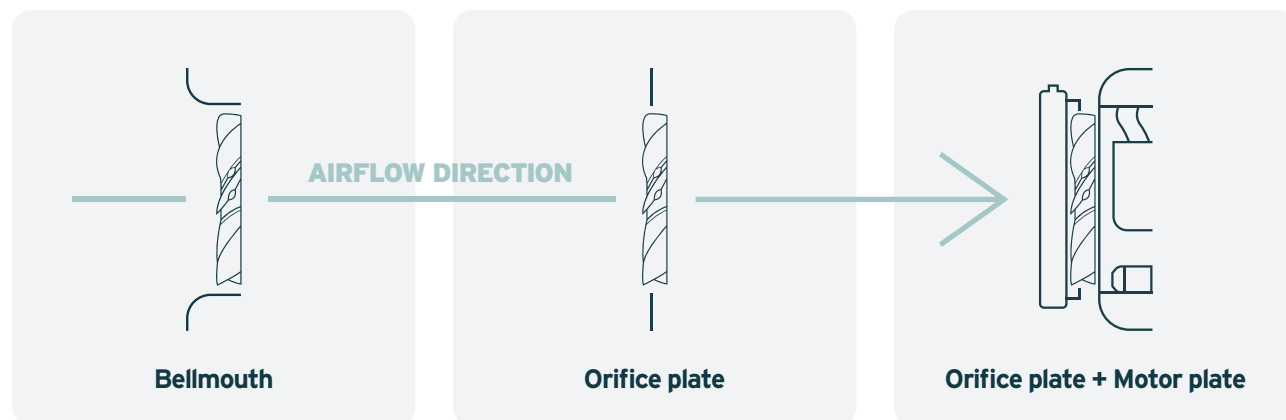
ONE-PIECE MOLDED FANS APPLICATIONS

Tractors
Farm Loaders
Backhoe Loaders
10–15T Excavators
Small Construction
Machinery



SCAN QR CODE
for more information



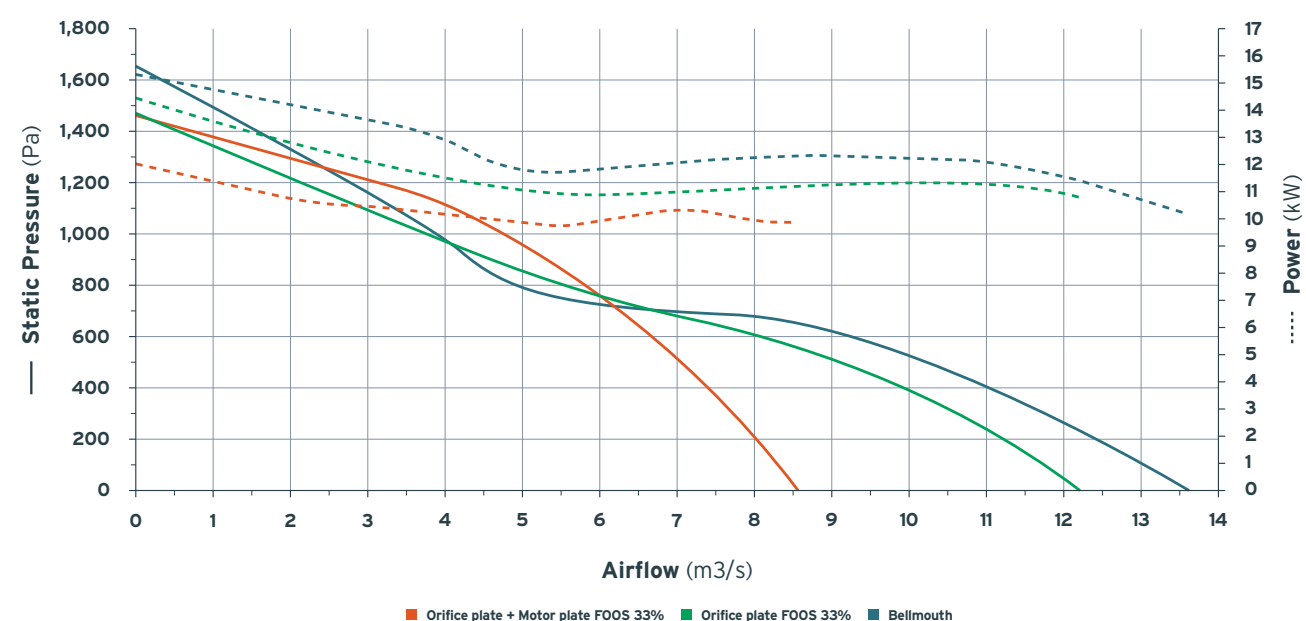


OPTIMISER FOR OPTIMAL AIRFLOW SOLUTION

Optimiser is Multi-Wing's product selection software which helps our customers to opt for the best axial fan solution matching their specific demands.



850/6-6L/PMAX4 @1800 rpm with 1% tip clearance



PMAX PERFORMANCE DATA

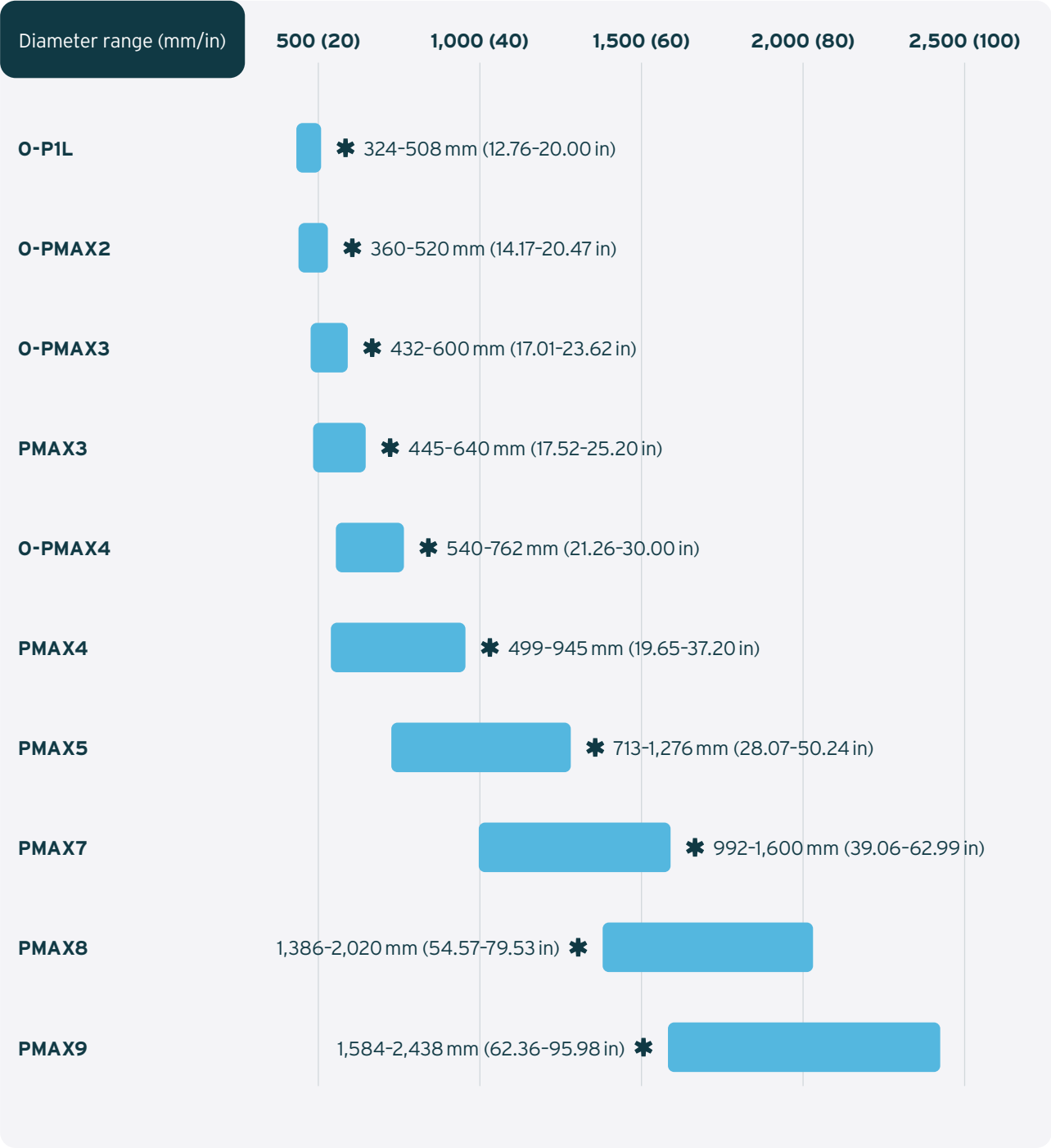


PMAX RANGE

PMAX MODULAR RANGE

	Hub size	Diameter range (mm/in)		Rotation	Performance data
PMAX3	9-9	445-640	(25.2-25.95)	L & R	Orifice plate FOOS 0-60% Orifice + Motor plate FOOS 0-60% Bellmouth
PMAX4	6-6	499-748	(19.64-29.45)	L & R	Orifice plate FOOS 0-60% Orifice + Motor plate FOOS 0-60% Bellmouth
	6-6 L	633-850	(24.91-33.46)		
	7-7	499-756	(19.64-29.76)		
	8-8	561-836	(22.10-32.91)		
	9-9	499-770	(19.64-30.31)		
	9-9 L	561-850	(22.10-33.46)		
	6-12	633-850	(24.91-33.46)		
	8-16	633-945	(24.91-37.20)		
PMAX5	5-5	713-1,080	(28.06-45.52)	L & R	Orifice plate FOOS 0-60% Orifice + Motor plate FOOS 0-60% Bellmouth
	6-6	713-1,080	(28.06-42.52)		
	7-7	713-1,118	(28.06-44.02)		
	8-8	713-1,186	(28.06-46.69)		
	9-9	802-1,276	(31.57-50.24)		
	5-10 / 10-10	802-1,276	(31.57-50.24)		
PMAX7	5-5	992-1,422	(39.06-55.98)	R	Orifice plate FOOS 0-60% Orifice + Motor plate FOOS 0-60%
	7-7	1,114-1,600	(43.86-62.99)		
PMAX8	5-5	1,386-1,827	(54.56-71.93)	R	Orifice plate FOOS 0-60% Bellmouth
	6-6	1,386-1,827	(54.56-71.93)		
	7-7	1,386-1,854	(54.56-73.00)		
	8-8	1,386-1,933	(54.56-76.10)		
	9-9	1,584-2,020	(62.36-79.52)		
	5-10	1,584-2,020	(62.36-79.52)		
PMAX9	5-5	1,584-2,134	(62.36-84.00)	R	Orifice plate FOOS 0-60%
	7-7	1,707-2,438	(67.20-96.00)		

PMAX ENGINE COOLING RANGE



SHAPING AIRFLOW FOR FUTURE GENERATIONS



MULTI*WING

*** A GREENER TRANSITION**

Central to our mission and strategy is a concern for environmental impact - of our business, products, and their applications.

*** EFFICIENT & DURABLE FANS**

Designed to reduce energy consumption, lowering costs and CO₂ emissions.

*** LEGISLATION COMPLIANCE**

Exceeding ESPR and DOJ standards for peace of mind.

*** LIFETIME MAXIMATION**

Fans are repairable and serviceable, making them last longer, decreasing raw material use.

*** DRIVE REPLACEABILITY**

Design for proper recycling of electronics at end of life.

*** SCIENCE-BASED TARGETS**

Approved with a market leading net zero goals aligned with the Paris treaty.

*** UN GLOBAL COMPACT**

Active membership of the world's #1 corporate sustainability initiative.

*** RECYCLED MATERIALS**

>90% recycled aluminum from our main source.

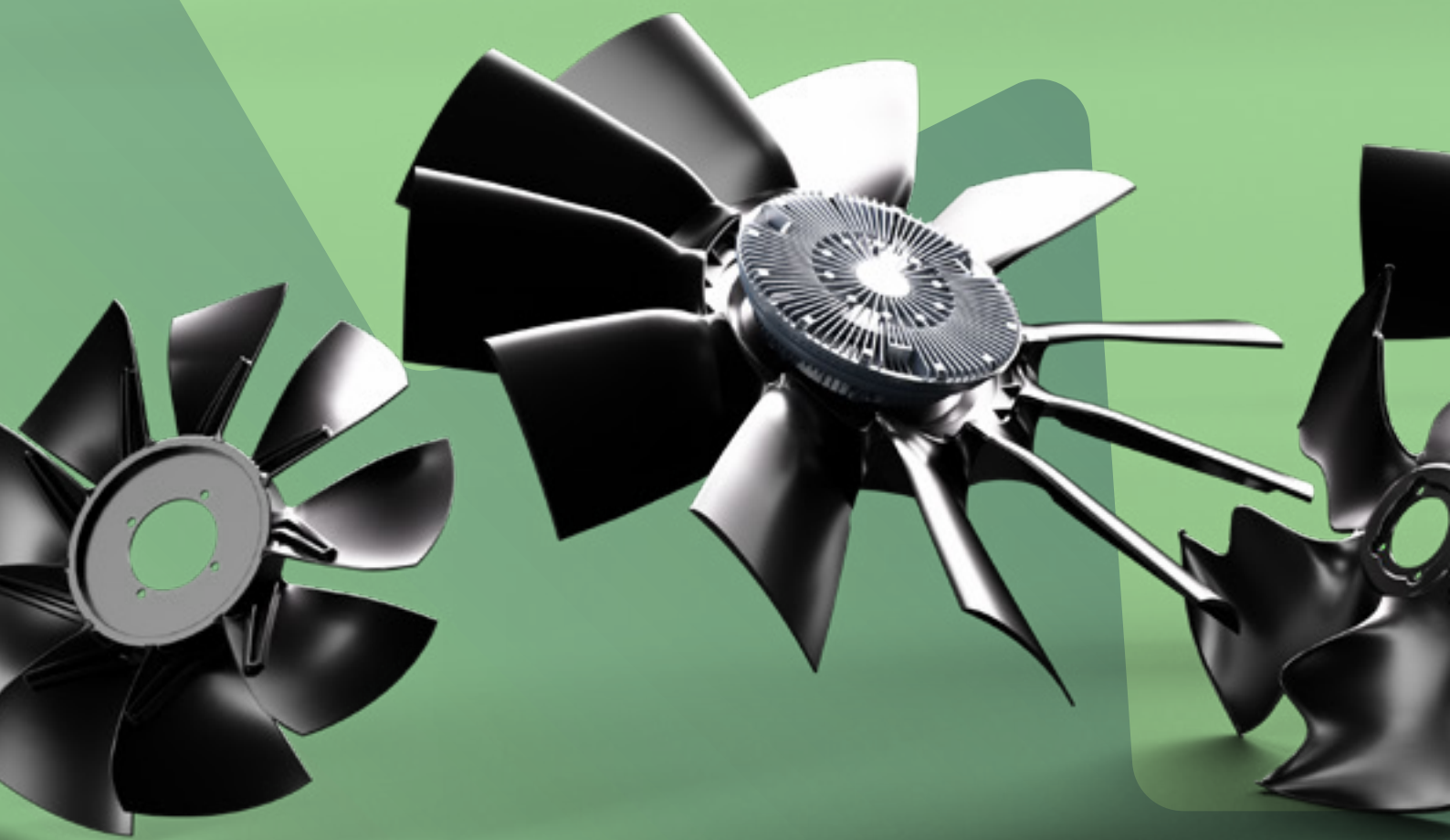
*** GLOBAL PROXIMITY**

Minimizing shipment of components and offering returnable packaging.

*** OUR DEDICATED ESG TEAM**

Ready to help you achieve your sustainability goals.

OUR COMMITMENT TO SUSTAINABILITY



GET IN TOUCH

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