



Power generation fan blade manufacturing factory

Where are industrial fans made?

We've exceeded the industry standard with quality industrial fans and blowers made right here in the USA for six generations. Find out what our knowledgeable team and flexible solutions can do for you. Use the Product Finder to narrow your search to a specific selection of products based on your application and specs. Quality Products.

How have composite fan blades been tested?

The composite fan blades and cases that are being made at the new facility have already been extensively tested. They've been put through their paces around the world, completing aerodynamic performance, bird-strike, containment, icing, and water ingestion tests, as well as ground and flight testing.

What types of turbine blades does Moeller offer?

Moeller provides high-pressure compressor, high-pressure turbine (HPT), and low-pressure turbine (LPT) blade solutions. Moeller produces 1.25-inch, first-stage turbopump blades all the way up to 28-inch power generation blades.

What kind of centrifugal fans does Clarage offer?

Clarage offers a variety of centrifugal fans designed to tackle a wide range of applications. Whether you have a dirty, abrasive application or are looking for an ultra-efficient fan design, Clarage can provide a fan solution tailored to your exact needs.

Why are turbine blades important?

Turbine blades are critical to converting the high pressure and high temperature kinetic energy of gas into torque within the engine. Whether the powerplant is in the form of a turbojet, turbofan, turboprop, turbopump or a land-based generator, it all comes down to producing a torque about the engine centerline.

How much weight can a Rolls-Royce Fan Save?

A Rolls-Royce fan system made with carbon-fibre composites can save almost 700kg per aircraft, the equivalent of seven passengers and their luggage. "We've been developing carbon-fibre technologies for several decades and we already use the material for parts within many of our engines," says Andy.

Paddle Bladed centrifugal fans are available in three standard types providing varying width proportions to suit the power output required and the materials being transferred, these centrifugal fans can also be manufactured with cutter ...



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fan

blade

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