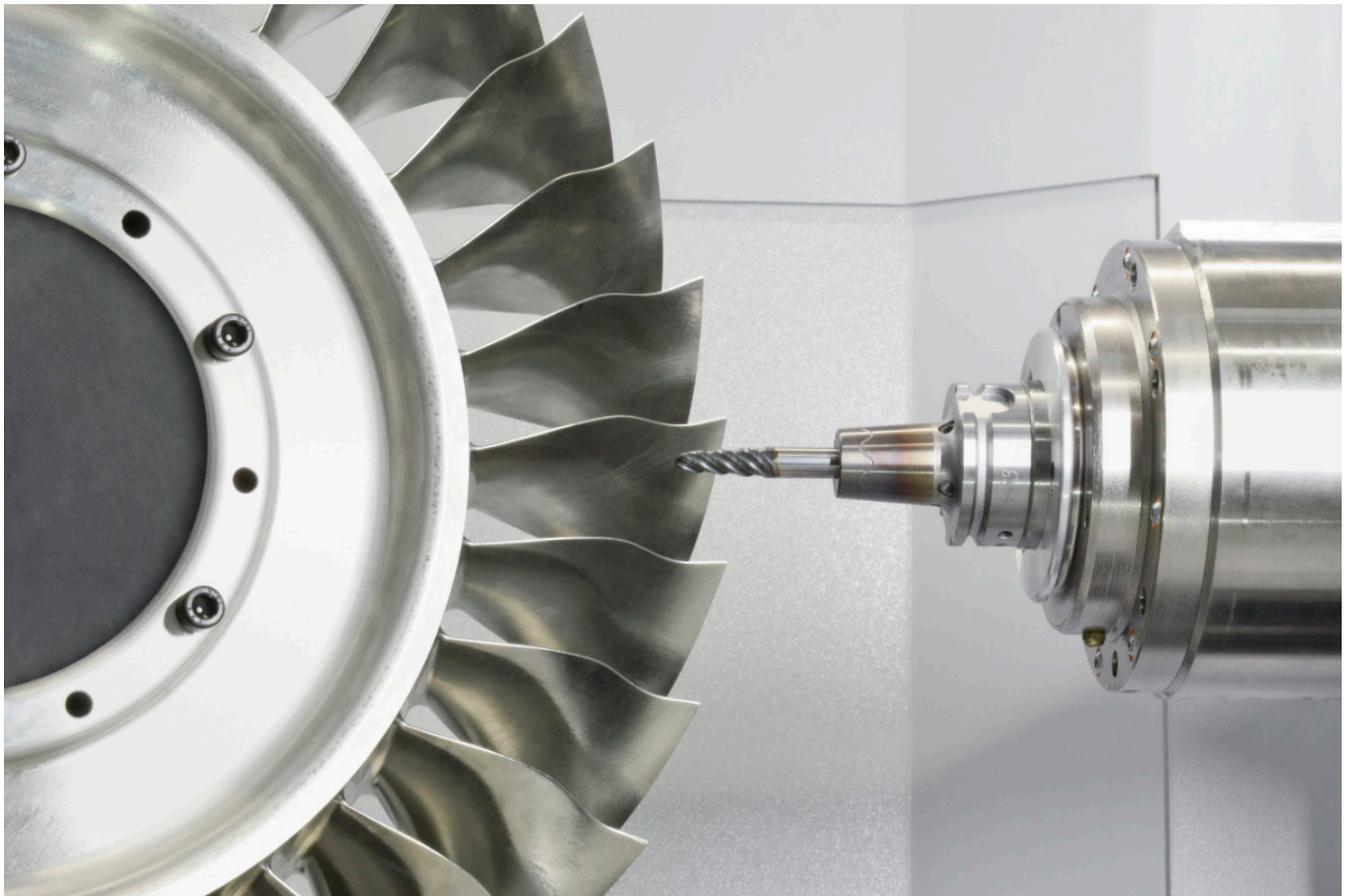


Starrag press release 04-2019

Paris Air Show: Imparting knowledge with structural components, blisks and blades
Starrag expertise – a talking point for aviation experts



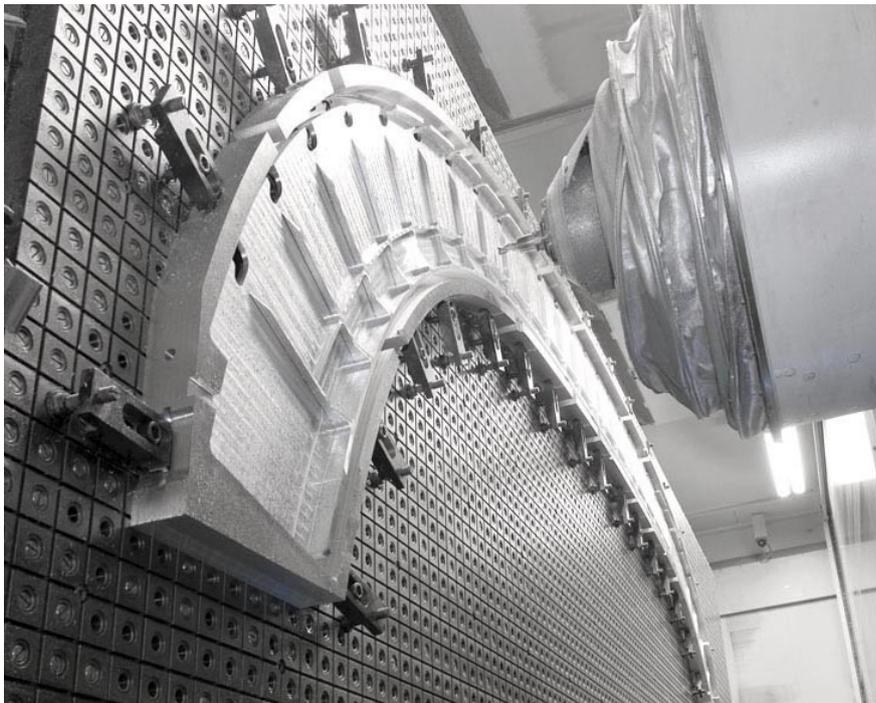
On display: Starrag will demonstrate the fine art of complete machining at the Paris Air Show using components such as a blisk rotor made on the Starrag NB 151.

Le Bourget/Paris

Getting summer off to a flying start: The who's who of the aerospace industry will be gathering once again at Le Bourget in Paris from 17 – 23 June. Starrag's special exhibits made of aluminium, titanium or nickel-based alloys will provide a talking point for visitors to the Paris Air Show, which takes place every two years. The Swiss company will present products such as structural components, blisks, blades and impellers that have been manufactured on Starrag machines using these materials.



International Paris Air Show
Paris, Le Bourget, 17 – 23 June 2019
Hall 4, Stand B77



Productivity like no other: Aluminium structural components are made on Ecospeed machining centres at an unrivalled level of productivity.

These exhibits clearly explain the basis of the Starrag claim **Engineering precisely what you value**. The user can manufacture their products in the exact quality and batch size they require – both productively and efficiently – on machine tools that are fitted with the necessary equipment and are able to deliver the power required to do so. Starrag can substantiate this claim with numerous components that are manufactured using machines in Starrag’s Bumotec, Dörries, Droop+Rein, Ecospeed, Heckert, Scharmann, SIP and Starrag product ranges. These components are destined for all areas of the aviation industry. The Heckert and Starrag STC 800 five-axis machining centres, for example, offer high system availability (in some cases > 96 %) and bring about outstanding improvements in performance (+ 30 to 40 %). Ecospeed machining centres yield even greater increases in productivity when machining aluminium structural components. The patented Sprint Z3 parallel kinematic machining head makes it possible to achieve maximum dynamics when machining large structural components on five axes.

A complete blisk rotor in a single clamping position

Particular highlights at the Paris Air Show will be blisks and impellers manufactured on the new Starrag NB 151. These components are made entirely in a single step, using a process that is both fast and reliable.

„This five-axis machining centre can be used for the complete machining of heavy workpieces weighing up to 300 kg and measuring up to 600 mm in diameter and 290 mm in length.

The NB 151 is equipped with two circular axes that were developed and manufactured in-house for the sole purpose of machining blisks.

Dropping by stand B77 (at the Swiss participation) in hall 4 will give visitors the opportunity to talk to Starrag experts in even greater depth – including about Industry 4.0 solutions that the company has already implemented in the aviation industry...

Company profile Starrag High-precision machine tools for greater productivity

Starrag Group is a global technology leader in manufacturing high-precision machine tools for milling, turning, boring and grinding workpieces of metallic, composite and ceramic materials. Principle customers are internationally active companies in the Aero-space, Energy, Transportation and Industrial sectors (Industrial Components, Luxury Goods, Med Tech). In addition to its portfolio of machine tools, Starrag Group provides integrated technology and maintenance services that significantly enhance customer quality and productivity.

The umbrella brand Starrag unites the product ranges Berthiez, Bumotec, Dörries, Droop+Rein, Ecospeed, Heckert, Scharmann, SIP, Starrag, TTL and WMW. Headquartered in Rorschach/Switzerland, the Starrag Group operates manufacturing plants in Switzerland, Germany, France, the UK and India and has established a network of sales and services subsidiaries in the most important customer countries.

The shares of Starrag Group Holding AG are listed on the SIX Swiss Exchange.

For further information

Starrag
Michael Schedler
Head of Marketing
T +49 2166 454 0
F +49 2166 454 300
info@starrag.com
www.starrag.com