



Your wishes: our passion, our art

## IMPELLERS & BLISKS



Thanks to the smart balancing between the long experience of some of its specialists in the aeronautical domain and the enthusiasm of a young team of engineers. APR has grown with the passion for five axes simultaneous machining dedicated to **impellers manufacturing**.

Starting from the 3D CAD model (or any other text-file geometry) APR is able to supply **SINGLE PARTS AND PRODUCTION** for highly complex components sculptured out of a forging or bar, such as:

- Impellers
- Integrally bladed disks
- Integrally bladed rings
- Radial expanders
- Axial turbines
- Inducers and pumps
- Propellers & fans
- Integrally shrouded impellers

APR's machining centres capacity can provide parts up to 1000 mm diameter, both flank and point milling in HSC technology, in a wide range of materials: stainless steels, high refractory alloys, titanium alloys, aluminum alloys.

If requested APR can supply complete components to the customer, including raw material, non-destructive test and special processes through a cluster of aerospace-qualified sources closed to Turin.

APR is the ideal development & production centre suited to provide vertical solutions for the following sectors:

- Aero Engines
- Space
- Power Generation
- Offshore & Marine

