



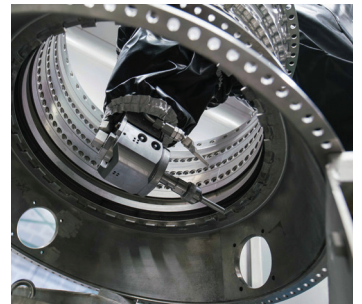
Ultrahigh-Pressure Waterjet Stripping

Single Process Solution

Our ultrahigh-pressure waterjet stripping solutions remove coatings with ease. The waterjet induces a shearing force onto the surface to be stripped that is higher than the strength limit of the material, allowing for efficient removal of all types of materials. Aquarese solutions easily remove soft and hard deposits including thermal barrier coatings, resins, adhesives, rubbers, and more. Coatings are removed due to thermal projection, without damaging the original surface.

Waterjet stripping is an eco-friendly process where no chemicals are used and no pollutants are released. A single process solution, ultrahigh-pressure waterjet stripping removes all coatings, and easily reaches even the hardest to access areas.

Waterjet stripping is up to 10 times faster than chemical removal processes, and a cost-efficient solution for coatings removal on combustors, vanes, boosters, blades, and more. The Aquarese self-centering turntable allows for fast and accurate material loading. A soundproof enclosure and intuitive user interface provide a safe and easy to use system that will allow you to quickly ramp your production.



NADCAP Ready

Our waterjet stripping solutions are NADCAP ready and adhere to strict process requirements. Your part integrity is assured and part traceability is full managed and preserved. Our solutions come complete with automated production reports and data storage to fully manage part processing.

Lifetime Support

Our team is made up of Waterjet experts who are highly-skilled in solving the most challenging manufacturing problems. We offer advanced process solutions and training as well as comprehensive preventative maintenance plans, partnering with our customers to provide lifetime support.

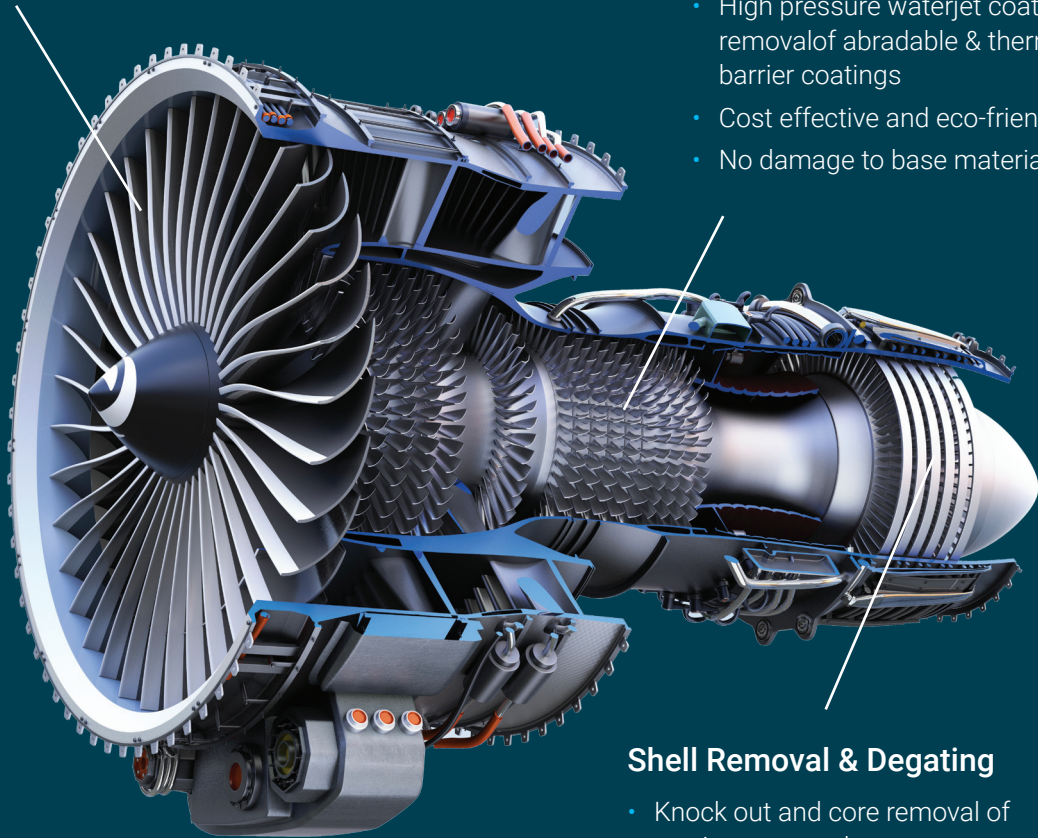
Substrate	Bond Coat and/or Top Coat Materials	Spraying Method	Waterjet Stripping	Example of Application
Inconel Titanium Titanium Aluminide Stainless steel Aluminum Steel	Metal & Alloys MCrAlY M=Ni/Co/ CuNiIn, NiFeCrSi	Plasma Spay	YES	HPT, Combustion Chambers
	Ceramics Al ₂ O ₃ TiO ₂ , ZrO ₂ Y ₂ O ₃	Plasma Spray EB-PVD	YES	LPT, Spools
	Carbide WC Co, NiCr, Cr ₃ C ₂	Plasma SprayHVOF	YES	HPT, Advanced mechanical part
	Rubber	Molded	YES	Vanes
	Abradable & Polymers AlSi-Polyester, AlSi Graphite	Plasma Spray	YES	Vanes

Solve your most challenging manufacturing needs.

Advanced manufacturing processes and custom solutions for precision parts

Waterjet Machining

- High-precision waterjet machining of composites and superalloys, including fan blades & turbine blades
- Significant reduction of milling time
- 3D nesting with offcut material savings



Waterjet Stripping

- High pressure waterjet coating removal of abrasible & thermal barrier coatings
- Cost effective and eco-friendly
- No damage to base material

Shell Removal & Degating

- Knock out and core removal of any investment, lost wax, or plaster casting for any material
- Complex 3D superalloy parts
- Single operation
- No chemicals or toxic waste

Aquarese Industries SAS
Parc des industries Artois Flandres
1095 avenue de Londres
62138 Douvrin, France

Phone: +33 (0)3 21 74 91 00
commercial@aquarese.fr

www.aquarese.fr

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