



POSSIBLE AND FEASIBLE

June 27, 2008

Aquarèse and exports

Although AQUARESE has had the opportunity to provide equipment and services abroad (USA, Iran...) since its early days, it was not obvious to envisage that exports would later account for a preponderant share of our activities. Yet it has been so for two years and we are very enthusiastic about it. Our products have indeed made a name for themselves and the related services can be tailored as well as high-quality.

The whole firm rallies with and around:

- new local technical and commercial partners
- the setting-up of new communication tools (customer web-site, remote machine connection)
- the greatest of pleasure and a humble pride to welcome "the whole world" in Billy-Berclau!

It is definitely possible and feasible to extend the technological lead of our solutions, the quality and versatility of our teams as well as our ability to be as close to requirements as possible, even from a geographically great distance. Many thanks to all those that trust us!

August 05, 2007

Aquarèse's innovations for the diesel automotive sector

AQUARESE develops automated, modular and flexible solutions integrating autofrettage, cleaning, flushing, assembly and testing, deburring. These processes are appropriate for rails, tubes or injectors.

For example, our tubes process uses bending, autofrettage, cleaning and drying. All processes are operated in 15 seconds, by guaranteeing quality, transfers reductions, intermediate storage and process stability.

Aquarèse proposes a number of services in the domain of maintenance, training and development of a process or a prototype.

Aquarèse offers a comprehensive service in the optic of a "win-win" partnership.

February 05, 2007

Foundries and finishing: new solutions...

Aquarèse has been working with the **aircraft industry** for many years and has been developing several applications specifically dedicated to this business: **trimming** of forged parts, **tooling** of single-piece bolt-blank titanium, **blasting** (ceramic barriers, weld-bead,...) and **micro-drilling**.

Thanks to this activity, Aquarèse has brought itself through a new stage suggesting solutions even further upstream process-wise, and particularly around the foundry pole.

Cast parts actually require several finishing operations to be performed after melting: **shaking-out**, gate **cutting-out**, **deburring** and even **grinding** and **resurfacing**.

Water jets may be the ideal tool as they provide:

- **Efficiency** (the shaking-out of ceramics can be performed at less than 1,500 bars)
- **Flexibility** (water jets are programmable)
- **Polyvalence** (water jets, according to the specific tool installed, can perform various operations)
- **Economic gains** (possibility of a single energy source for several tools)

Aquarèse has designed installations combining **water-jets**, **robots** and **computer-vision** via their subsidiary **Astiria**.

Our solutions provide our clients with:

- A cycle **time-saving** solutions (fewer finishing operations)
- A **cleaner** technology (no more chemicals-based baths)
- A **more comfortable** and **safer** working station for operators.