



Vapormatt

The perfect finish is only the start

World leaders in wet-blasting technology

Wet-blasting is a unique surface finishing technology that has numerous advantages over alternative processes. It combines water, an additive and compressed air to deliver a superior finish. Additives and blast pressure can be altered to produce the perfect surface finish. In fact it's significantly more controllable, precise, repeatable and environmentally friendly compared with alternative processes. Its running costs are generally lower too, so ROI is excellent.

Applications are numerous from cleaning and peening to the honing of sharp edges. This makes our wet-blasting systems particularly well suited to multiple industries – see back cover.



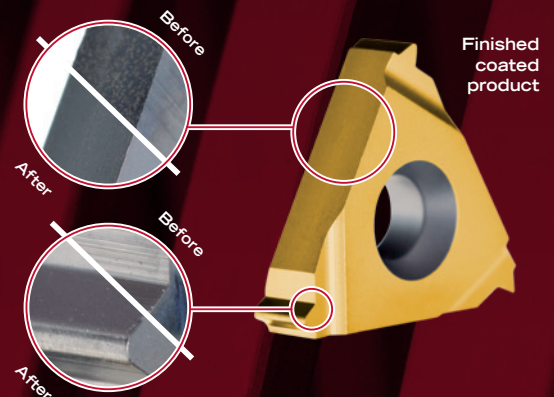
Numerous advantages over alternative processes



Our expertise can be traced back to the first wet-blasting machines developed by Norman Ashworth in the late 1940's whilst looking at surface treatments with Frank Whittle during the development of the jet engine. The Ashworth family continue to successfully run Vapormatt to this day.

Our decades of experience and expertise coupled with continued investment in research and development have resulted in several firsts in wet-blasting advancements and we also hold a large number of patents for significant areas of process control, blast slurry conditioning, media filtration and blast gun systems.

Edge honing

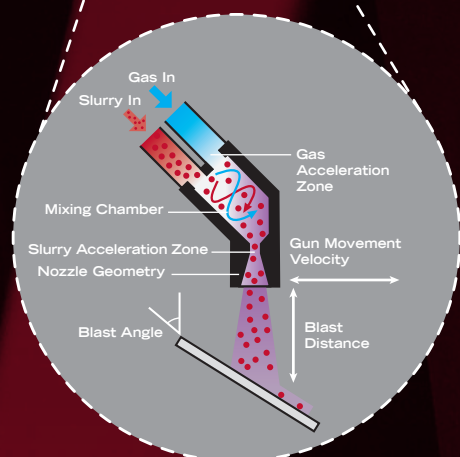
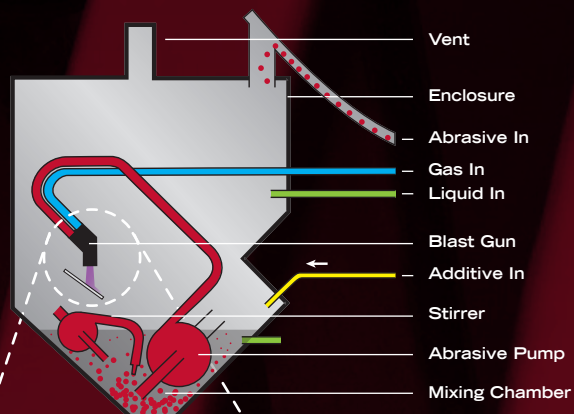




Aerospace OEM and MRO

Our strength is due to our industry leading expertise and the wet-blasting systems we've developed for specific markets

The highly controllable wet-blasting process



Controllable Factors

- Gas** - Type, Pressure, Flow Speed and Temperature
- Slurry** - Solid/Liquid Ratio
- Liquid** - Type, Pressure, Flow Speed and Temperature
- Solid** - Type, Size, Hardness and Shape
- Gun/part kinematics** - Velocity, Distance and Angle

For an animated version of this diagram and more information about the features and benefits of wet blasting visit projects.vapormatt.com/education

Our success is also a result of our commitment to a collaborative approach, to better understand our customers' needs and by making sure we live up to our Vapormatt Promise of ensuring every wet-blasting system delivers the performance specified and agreed with our customer.

We are also able to service, supply spare parts and even upgrade wet-blasting machines made by other suppliers.

As a business we're continually investing in R&D to ensure we remain global leaders in wet-blasting technology. Our R&D team also regularly sample process customer components to ensure the Vapormattsystem they install delivers the perfect surface finish every time.

With our head office in Somerset UK, our R&D facility in Guernsey and a Regional Business Office in Boston USA, we are a global business with systems installed and fully supported on every continent.





Vapormatt

Some of the markets our wet-blasting systems are built for



Bandsaw Blades



Round Shank Tools Carbide Edges



Round Shank Tools Carbide Flutes & Faces



Round Shank Tools HSS Edges



Round Shank Tools HSS Flutes & Faces



Metal Jet Engine Components OEM



Metal Jet Engine Components MRO



Aircraft Wheels MRO



Medical Implants



Medical Instruments



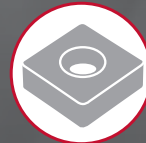
High Voltage Power Cable



Submarine Communications Cable



Inserts Faces



Inserts Edges



Wire - Carding



Wire - Memory



Additive Manufacturing Production



3D Printed Components Prototyping



Aluminium Die Cleaning



Car Wheels



Composite Bonding



Hygienic Surfaces

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