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Vapormatt Profelis offers exceptional wet blasting performance

Vapormatt has launched the Profelis, an in-line wet blasting, cleaning and drying system that offers exceptionally high quality results with all continuous wire, cable and strip products. The machine has been designed for easy integration with existing process lines, bringing the potential to apply a range of surface treatments to the maximum number of users.



The Profelis can be used to clean, degrease, descale, etch or satin polish all wire, cable and strip products and provides an extremely consistent surface finish that can be reproduced time after time. The Profelis is also versatile, and can cope with a wide range of diameters and materials, including plastic, soft metals and steel. No harsh chemicals are used in the process and no dust is created. In addition to its versatility, the Profelis is constructed from durable composite and PU components that offer a long lifespan, despite the stresses of the wet blast processing environment, to deliver maximum ROI.

The Vapormatt wet blast process combines controlled flows of gas, air and solids which are mixed then accelerated through focused blasting nozzles. Changing the fluid pressures, blast material, slurry composition, number and direction of attack of the blasting nozzles allows for a range of processing effects to be achieved, from harsh to soft. Follow on rinsing and drying stages further wash, clean and dry the product creating an almost surgically clean surface to the product exiting the Vapormatt Profelis line. The entire machine is ventilated and watertight, while media concentration, process temperature, additive and blast pressures can all be controlled to ensure the most effective and repeatable wet blasting results.

Typical applications include: heat scale and surface contamination removal; cosmetic finishing; preparation for bonding, coating, encapsulation and cladding; pre cleaning and oxide removal of feedstock in preparation for follow on processes; drawing lubricant / soap removal; band saw blade honing, descaling, peening and satin polishing; and carding wire processing.

Machines such as Profelis have established Vapormatt as the world's leading wet blasting company. Through continuous research, development and innovation, Vapormatt sets the global benchmark in wet blasting technology.

About Vapormatt

The global Vapormatt Group was established in 1978 and the Head Office is based in Taunton, Somerset in the UK. The Company is owned by the third generation of the Ashworth family. As the originators of the pressure recirculatory wet blast process, the Ashworth family have accumulated experience and expertise in this field for over 50 years.



The Company designs and manufactures manual and automatic surface cleaning, peening and finishing machines, using the Vapormatt Wet Blast and High Pressure Water Systems.

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