

Hanson Springs Ltd Invests in a State of the Art Powder Coating System from Gema

Hanson Springs are a world leader in spring supply to the Flow Control, Oil & Gas, Nuclear and Power Generation industries www.hanson-springs.co.uk - Continual investment in the very latest technology has enabled Hanson Springs to develop into one of the largest independent spring manufacturers in the world, a refreshing change, as many manufacturers are now part of large and often non-spring related corporate groups.

One of Hanson's recent investments includes a state of the art powder coating system from Gema, commissioned in January 2015 at Hanson's 90,000 sq. ft. Cold Coil production facility, pictured below.



John Hanson – Financial Director explained “Our in-house powder coating, plastic coating and aluminising facilities with phosphate pre-wash allow cost effective use of traditionally corrosion susceptible materials in hostile environments. We have for many years used Gema hand held guns on our manual paint

plant at our Mellor Street hot coiling facility and found them to be the best equipment on the market. As part of our continuing expansion and drive to enhance the overall product quality and performance we took the decision to invest in a new, state of the art powder coating system from Gema accompanied by a new track, pre-wash and oven supplied locally by Junair Spray Booths in Heywood. Throughout the procurement, installation and commissioning stages Gema have offered fantastic support and shown a commitment to our project requirements delivering on time.”

Leon Hogg, Head of Sales for Gema UK explained, “The unique circular design of the MagicCylinder benefits from the patented

EquiFlow exhaust technology, and is the first installation of its type in the UK.

Designed and developed at our Centre of Excellence in Switzerland, this design combination optimises colour change time, whilst delivering a uniform airflow to create the ideal conditions for perfect control of the powder application process.

The use of non-conductive plastic materials for the

booth and its self-cleaning floor prevent powder accumulations. Air extraction is concentrated where it is needed most, at the booth's entry and exit. This prevents powder from escaping into the environment, and creates an ideal airflow at the pre- and post- touchup stations.



This results in a perfect balance between the powerful air extraction at the manual coating area and gentle airflow in the automatic section.

The combination of the innovative booth design of the Magic Systems with the best gun technology and the flexible and versatile OptiCenter® exceeds even highest customer expectations in coating quality and quick color changes. The Magic Systems powder circuit guarantees continuous and consistent powder feed with minimal wear on parts. All system components are perfectly synchronized and ensure perfect coating results and optimal working conditions.

Take advantage of our expertise and experience from more than 40 years of electrostatic powder coating application systems. From simple hand coating through to fully auto-mated powder coating, we offer solutions that meet the demands and requirements of customers around the world in a wide range of industrial sectors. A global service network ensures you always get professional support, at any time and any place!

Gema are currently offering free, no-obligation plant audits, equipment demonstrations and application advice across the UK. To book your plant audit, demonstration, or if you require and further information on Gema's market leading products please contact:

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