

Special Interest Articles:

- **Vortex® Valves**
Handling the worlds dry bulk solids
- **Innovative**
Tomography solutions from **Malcam**
- Website updated, please visit www.hearnequinton.com

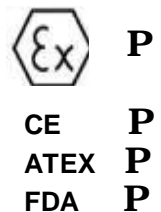
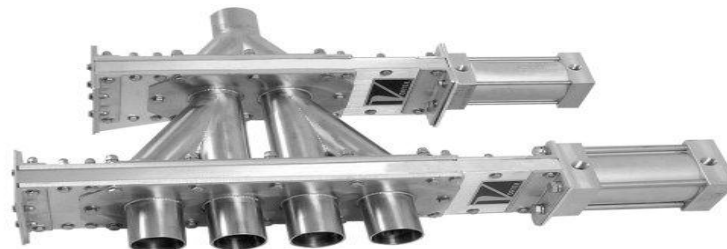
We are delighted to announce that we now Represent **Vortex[®] Valves, Europe Ltd** in Scotland



Salina Vortex supplies material handling valves to a global network of Original Equipment Manufacturers, Fortune 500 companies, and process engineering firms. Throughout the world, you can find Vortex Valves handling the world's dry bulk solids. It took the company three short decades to reach the level of success it enjoys today.

The company originated from humble beginnings in the late 70's. Neil Peterson, a mechanical engineer experienced in pneumatic conveying, and Lee Young, Neil's son-in-law, started Salina Vortex in an early Cold War era military building in 1977. Salina Vortex was named after Salina, Kansas (the city of which the company was

founded) and 'Vortex' after Neil's initial valve concept that created a vortex to direct material flow. His purpose and dream was to design and manufacture innovative and problem-solving valves for handling dry materials in pneumatic conveying systems.



VORTEX[®] 4-WAY WYE LINE DIVERTER™

Neil knew that traditional butterfly valves and knife gates were suitable for handling gases and liquids, however they had deficiencies in handling dry solids.

A new design was needed to eliminate the problems associated with these types of valves, specifically material flow obstruction, self-cleaning, and seal abrasion. His perseverance paid off with a valve design he deemed the *Orifice Gate*.

In 1980, the company was awarded a patent on the Orifice Gate. This new valve design surpassed

the industry's expectations for handling dry materials in pneumatic conveying.

Between 1980 and 1989 additional products were developed. The unique Wye Line Diverter, which applied the same design concepts of the Orifice Gate, dramatically improved process efficiencies when compared to traditional flapper or tunnel style diverters. The Salina Roller Gate and Clear Action Gate were also conceived during this decade. Each new product added more dimension to the material handling capabilities of the

valves. To address increasing demand of these new product lines, additions were made in 1987 and 1989 to the original building. In 1989, Lee Young became CEO of the company in preparation for Neil's retirement. to increase its market presence and expand its manufacturing facilities throughout the 1990's. The company received many industry accolades for new product development and achievement. Since 2000, Vortex has continued to increase its market share and develop new products.

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We're on the Web

See us at:

www.HearneQuinton.com

MALCAM

Click on the link 'World Tobacco' Magazine at right and see the Malcam feature article on pages 35 and 36 of this *online magazine, January 2009 issue. Whether you need to measure moisture in tobacco or filters/tow we can help.

[*www.worldtobacco.co.uk/](http://www.worldtobacco.co.uk/)



Did you know that its possible to locate missing cigarette packs from otherwise full cases using Malcam's microwave density measuring system?

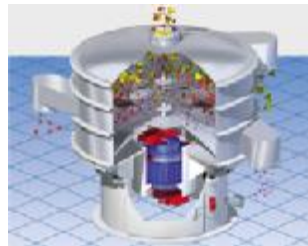


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materials at low cost



About Our Organization...

Hearne Quinton Ltd are
Manufacturers' Agents'
specializing in the supply
of products for the bulk
material processing and
manufacturing industries
in UK & Ireland. We aim

to keep you regularly
informed of new
products as they are
added to our range and
offers from the leading
Manufacturers whom
we represent.

Please do not hesitate
to let us know how we
can support your
requirements. Full
contact information is
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