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Uhing at Wire 2012 in Düsseldorf

Traversing system automatically ensures a cylindrical winding

To obtain a cylindrical winding in the particularly critical reversing area, Uhing has developed the **AVS Traversing Width Controller** that does not require any interference-prone optical sensors.

The traversing system used here is the well-known Uhing rolling ring drive featuring pneumatically controlled reversing triggered by a microcontroller. As soon as the AVS detects a dent or bulge in the reversal area, it stores the traversing system position and the type of flaw. In the next traversing strokes, the controller will correct this flaw by adapting the traversing width. The result is an optimally wound cylindrical coil that can be further processed without problems.

The AVS Traversing Width Controller stores parameters for up to 10 different coil types. It is suited for coils with straight or conical flanges and cylindrical or conical cores.

Tensioning and clamping systems – enhanced product range

Uhing showcases sizes ELIII 10 and 40 of the **Easylock fast-action clamping system** that allows high torques to be transferred to coils and foil rolls on plain shafts. The customer can now choose from lighter and more ergonomic clamping modules in ten different sizes in the 10 to 40 mm diameter range.

Also shown: the **U-Clip clamping element** that can be used to easily secure coils on plain shafts with diameters from 8 to 30 mm.

We also showcase a new **magnetic fastening element** that mounts on the shaft face and, due to its smooth contours, is ideally suited for dirt-prone areas.

Of course, we will once again show several function models in motion featuring our **rolling ring gear** classics. One of these models demonstrates how winding and unwinding is possible with the RGK by simply reversing the drive direction.

wire 2012 tradefair, Düsseldorf

March 26 – 30, 2012

You will find Uhing in Hall 11, Booth 11B40