



The International Magazine for the Wire & Cable Industries



wire 2020 show issue

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Dimensional control and cleaning of extrusion dies?

**Elementary, my dear Watson!**

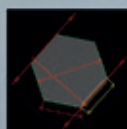
## Eagle DIE INSPECTION MACHINE

**This machine is just right for you!**

Imago, leader of industrial vision systems for product quality control and management of production lines, presents Eagle: the new machine designed for the extrusion sector, able to perform a dimensional control with centesimal precision and ideal for all types of dies. Any shape can be inspected: flat, round, hexagonal, squared and any other profile. With this system it is possible to check every die and assure the highest product quality. Furthermore, specific areas can be set with different tolerances in order to have a more strict control in the most critical parts of the die.



Special profile dimensions



Hexagonal die dimensions

For further information on Eagle and for information on bar straightness control systems.



Frame the QR code with your smartphone to visit the dedicated page

[www.imagovision.it/en/eagle\\_extrusion](http://www.imagovision.it/en/eagle_extrusion)



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## Rolling ring drive ready for Industry 4.0

UHING has been developing and innovating for nearly 70 years. As early as 1952, company founder Joachim Uhing invented the rolling ring drive, to satisfy the wish of a user from the winding and traversing sector for a perfect linear drive. The first version was launched on a plain round shaft.

Over the years, the Uhing rolling ring drives became more powerful and could be adapted to the general drive needs of other industries. To meet automation demands, additional electronic control units were developed in the late 1990s, leading to the fully developed Uhing Motion Drive in 2016.

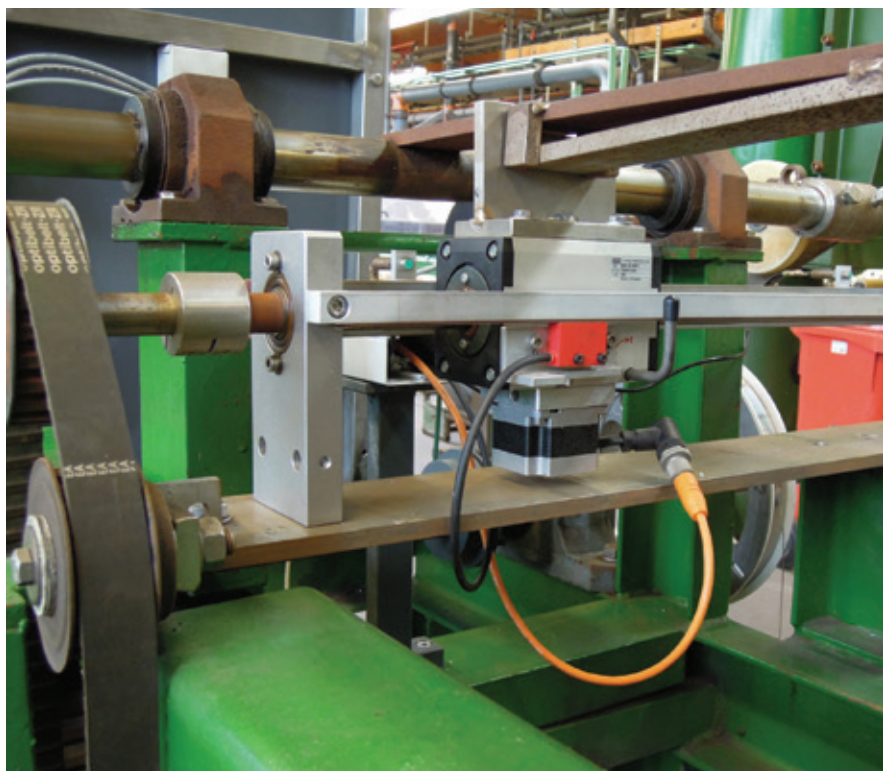
In the spirit of Industry 4.0, the UMD variant is not just electronic; the Uhing Motion Drive is essentially still a mechanical rolling ring drive, but the scale and reversing lever have been omitted and a stepper motor and an electronic control unit have been added.

In addition to standard programs for winding applications, other user-specific programs can be loaded, which makes the Uhing Motion Drive a flexible drive for general applications. The specifications and possibilities of the mechanical processes can be emulated electronically.

Uhing has continuously developed the proven rolling ring principle after many discussions with industrial customers, such as those from the paper processing or food industries.

The Uhing Motion Drive can be extended step by step for production-related modernisation. For example, one control unit can control and monitor several systems in parallel. Wolfgang Weber, Uhing's managing director, commented, "Whether it's for use in new machines or for converting and upgrading existing systems, with Uhing Motion Drive we meet our customers' requirements for digitalisation of mechanical automation processes. In this way, we are working at the forefront in order to ensure a sustainable future of linear drives."

**Joachim Uhing GmbH & Co KG**  
[www.uhing.com](http://www.uhing.com)



▲ Existing machines can be upgraded with the UMD