



## TRADE SHOW REPORT

Tenniken, July 3, 2015

Rego-Fix to exhibit at the EMO trade show in Milan from October 5 to 10, 2015, in hall 10, booth E03

The PGU 9500 automatic clamping unit clamps tools quickly, simply and reliably

During the EMP trade show to be held in Milan from October 5 to 10, 2015, visitors to Swiss manufacturer Rego-Fix's booth will have a chance to experience for themselves the benefits of the PGU 9500 automatic tool clamping unit. Several operational units will be available to try out. Those interested can thus see for themselves how the simple and reliable powRgrip tool clamping system from Rego-Fix works. Customers can also schedule appointments to test the tool at their own facilities.

The PGU 9500 clamping unit is perfectly compatible with the highly precise powRgrip tool clamping system. At the press of a button, it clamps drilling and milling tools ranging in diameter from 0.2 to 25.4 mm in less than 10 seconds. To do so, the operator just has to select the matching clamping adapter, then insert the tool with the toolholder into the clamping unit. Toolholders are available in all standard market spindle interfaces, such as SK, HSK, BT, BT+ and Capto. On the clamping adapter selected, the PGU 9500 clamping unit automatically recognizes the right clamping pressure for the toolholder and the tool.

The particular benefits of the powRgrip clamping system include outstanding vibration damping thanks to two interfacing surfaces, the optimal T.I.R. of the clamped tools of less than 3 µm – which is still intact after more than 20,000 tool changes – as well as the exact 0.01 mm default setting of the tools to be clamped against an adjustable length stop. This contributes to long tool service life. With a very high transferrable torque of much more than 1000 Nm (PG 32), the powRgrip clamps tools made of solid carbide and HSS with cylindrical tool shanks – also Weldon and Whistle Notch toolholders – for an h6 tolerance or also thread taps and thread forms for an h9 tolerance. The clamping system therefore functions purely mechanically without heat. When clamping tools, this ensures the highest process reliability without waiting times. Tools clamped with powRgrip are suitable for challenging HSC and HPC high-speed machining.

A few weeks ago, the PGU 9500 automatic clamping unit was honored with the “Red Dot Award 2015” in the “industrial design” category. Its well-thought-out design and its particularly comfortable handling impressed the jury.



The PGU 9500 automatic clamping unit from Rego-Fix



The easy-to-change clamping adapters in the PGU 9500 automatic clamping unit allow tools with shaft diameters ranging from 0.2 to 25.4 mm to be clamped at the press of a button in less than 10 seconds.

## About Rego-Fix

Infected by the pioneering spirit of the 1950s, tool maker Fritz Weber founded the company Fritz Weber Feinmechanik und Werkzeugbau. Driven by the power of innovation and his own tenacity, Fritz Weber has continuously added to the company's product portfolio. In 1972, he optimized what was, until then, known as the collet chuck. He called his model the ER collet chuck with R acting as a synonym for Rego-Fix. Weber's innovations have greatly influenced the advancement of tool clamping technology and his company has become famous worldwide. In 1993, the ER collet chuck was standardized as the German industrial norm (DIN 6499). Accordingly, the term ER collet chuck became a standard name for the world's top-selling tool clamping system.

As an international family-owned and -operated company in its second generation with over 220 employees, Rego-Fix produces and sells highly precise tool clamping systems. The company's headquarters is located in Tenniken, Switzerland. It is one of the leading tool manufacturers and enjoys an outstanding reputation in the global metals processing industry. Through its global sales partner network and three separate locations in Switzerland, USA and Asia, Rego-Fix is perfectly positioned with a global presence. Its pioneering inventions have enabled Rego-Fix to grow from a small company into a global solutions provider for tool clamping systems. Each product is developed with the goal of improving productivity and features made-in-Switzerland quality. Rego-Fix products are used particularly in the automotive and aviation industries as well as the mold construction, mechanical engineering, medical technology and watchmaking sectors.

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