

## Exciting Technology for Milling

*With the DATRON vacuum clamping system, DATRON AG offers maximum clamping force with easy handling.*

Mühlthal, 16.02.2017 – Batch milling small runs of parts from sheet material is an extremely efficient and economical manufacturing method. But, the efficiency of this process depends greatly on the ability to hold flat sheet material securely during machining and also to hold the small, individual parts in place once they've been milled free from the sheet material.

DATRON AG, an expert milling machine manufacturer in Germany, offers a vacuum clamping system with a superior clamping force that holds large sheet material, as well as extremely small finished parts. This system enables short set-up times, easy handling, and quick job change over – all for added manufacturing efficiency.

The unique design of the DATRON vacuum clamping system ensures superior holding force due to its optimum vacuum distribution, which therefore allows for precise machining of difficult-to-clamp forms and thinnest sheet materials. Various workpieces can be clamped simultaneously on the modular clamping plate, which is divided into segments. This provides setup flexibility and yields time-efficient production.

As of last year, DATRON AG revolutionized the machine tool industry by introducing DATRON neo. This vanguard machine has been equipped with two modular clamping plates with 10 individually activated segments. For use with the vacuum set, DATRON offers DATRON VacuCard, a semi-permeable substrate which is used to optimally distribute the vacuum and also act as a sacrificial layer under the workpiece that reduces risk of damage to the table when performing through cuts. With easy setup and handling for the vacuum clamping set, even beginners in high-speed milling can immediately start operating the machine.

Innovative options like this vacuum clamping system show that DATRON AG is committed to delivering cutting-edge German engineering while supporting customers through the entire workflow, including technology consulting, sales and after-sales maintenance and repair services. With DATRON neo, the company has created another product that meets the highest quality standards and provides the best solution for successful and economical production.

Further information on "smart milling" can be found at [www.datron-neo.com](http://www.datron-neo.com) intended for milling "newbies" and CNC enthusiasts.

### **About DATRON:**

DATRON AG develops, produces and sells innovative CNC milling machines for the processing of future-oriented materials such as aluminum and composite materials, dental milling machines for the efficient processing of all common dental materials in dental laboratories, high-speed milling tools and high-performance dispensing machines for industrial sealing and bonding applications. With the help of latest technology, backed by numerous patents and the integration into a comprehensive service package, DATRON offers unique solutions.

DATRON machines are characterized by a high quality and efficiency at very low power consumption. DATRON systems, among others, are used in electrical engineering, metal, plastic and automotive industries, aviation and in dental technology. Over 2,000 machines customers, domestic and foreign, trust in the proven DATRON technology.

DATRON has been on a profitable growth path for years. Thus, sales of around EUR 42.6 million were

achieved with more than 25 sales partner worldwide in 2015. Currently, DATRON employs around 250 People.

The company has received many awards during recent years. The consulting firm Munich Strategy Group (MSG) ranks DATRON among the most innovative SMEs in Germany (DATRON achieved position 30), published in an independent study at the end of 2015, and further ranked DATRON as a TOP 100 company. Most recently DATRON AG received the "Customer Champion 2016" award at the end of April and the Red Dot Industrial Design Award 2016 for the brand new industrial CNC milling machine DATRON neo plus the red dot communication award for its control software DATRON next.

Further information can be found at [www.datron.de](http://www.datron.de).