

### ***Piston feeder allows dry compaction of extremely small quantities***

Alexanderwerk, Remscheid, Germany, has introduced its patented MicroDyne micro-dosing module for research and product development in the pharmaceutical industry. It has been designed to meet the needs of R&D and scale up in one simple unit. It can be used to process extremely small quantities (20-80ml) which would not be possible using conventional screw feeders. Instead the device uses a piston feed, whereby the roller compactor is fed using a compressed-air piston in a cylinder. After it is filled, a flexible cap is fitted on the end of the cylinder to keep the product clean and secure. The cylinders can be interchanged quickly and easily, allowing several batches to be prepared and then compacted one after the other. The product can be removed as a flake immediately after leaving the compactor. The MicroDyne unit comes as an option for new machines and as a retrofit for Alexanderwerk's BT 120 Pharma and WP 120 Pharma roller presses. [www.alexanderwerk.com](http://www.alexanderwerk.com)



***Alexanderwerk's MicroDyne unit installed on one of its BT 120 Pharma roller presses***