



## PRESS RELEASE

### **Safe post-processing of large 3D printed products joke Technology presents new ENESKApotprocess XL workstation at the Formnext**

*Bergisch Gladbach, 15th September 2022--- with modern processes, 3D printed products are constantly increasing in size. To ensure that even large parts can be post-processed safely, joke Technology is now extending its portfolio and launching an advanced version of its fully enclosed ENESKApotprocess workstation. The new ENESKApotprocess XL offers larger usable capacity and is even more ergonomic. The company will be presenting it to the public for the first time at the upcoming Formnext (booth 12.0-C42).*

The ENESKApotprocess system from joke Technology performs all post-processing steps in an enclosed work area. This means that the user has no breathing air contact with the product to be post-processed, the residual powders it still contains and the dusts produced during post-processing. Hand apertures leading hermetically into the interior of the housing allow access to the component to be worked. The station can be equipped with a wide range of electric and pneumatic tools. Respirable powders and dusts generated are extracted and safely collected during the entire machining process. This also avoids potentially life-threatening explosions and deflagrations that may occur depending on the material. The size of the parts to be processed was, however, previously limited with the workstation. In the form of the ENESKApotprocess XL, joke Technology has now developed an additional variant with which – owing to the 150-litre larger installation space – significantly larger components can also be processed.

#### **ENESKApotprocess XL: 50 percent more usable area**

“When we at joke started developing the ENESKApotprocess, the main emphasis was on safety. The size of the components was less of an issue because the components were usually small”, says Carsten Schütz, joke Technology’s sales manager. “However, since this first version made its debut at the Formnext 2019, the parts have constantly increased in size. We are now responding to the changed demand from customers and interested parties with the advanced version, ENESKApotprocess XL”. For the new device, the opening flap has been adapted to gain more space so that larger parts can be processed. Furthermore, the parts in the new variant are more readily accessible, including the top edges, and can be rotated and tilted with no trouble at all. joke Technology has also optimised the hand apertures, which makes the ENESKApotprocess XL even more ergonomic. “The viewing window of the new variant is more like a hood”, explains Max Fielchenbach, product manager for 3D/additive manufacturing at joke Technology and responsible for the further development of the device. “This way, we have created 50 per cent more usable space in the ENESKApotprocess XL compared to the first version. When it comes to size, it is therefore possible to work on anything that is currently printable”.

#### **Also on show at the Formnext: external extraction and suction unit**



The ENESKApostprocess XL will be available in all versions and with all the same extras as the existing model. The innovation will be on show for the first time at Formnext 2022. joke Technology will also be exhibiting an external extraction unit as a special extension to the workstation, which is suitable for use with all units in the ENESKApostprocess range: "This is an external extraction unit that can be activated when working with two reactive materials, such as aluminium and titanium, which must not be brought into contact with one another. This allows the operator to switch from internal extraction to external extraction as required", Max Fielenbach explains. "It is also mobile and can alternatively be used as a separate device". Also on show at Formnext: a special suction unit from joke Technology that can be used in a variety of ways, for example for the targeted suction of chips, dust or powder residues.

#### **About joke Technology:**

Whether grinding, lapping, milling, polishing, deburring, welding or cleaning is involved: joke Technology has been a leader in the field of surface technology for more than 80 years. The German specialist relies on three factors: utmost quality, competent consultancy and first-rate service. The own warehouse means that the majority of the 20,000 products are immediately available and quickly reach the workshop. The portfolio includes: drive systems and handpieces, tools and consumables for grinding, lapping and polishing, diamond and CBN tools, chipping tools, cleaning systems, blasting systems, training in different topics and everything for welding (repair, TIG, pulse or laser welding). Joke Technology delivers to more than 80 countries all over the world.



**Pictorial material, picture credits and picture description:**



The ENESKApostprocess enclosed workstation enables safe post-processing of 3D printed products. | Picture credits: joke Technology GmbH



Construction sketch of the ENESKApostprocess XL – the new variant for post-processing of large 3D printed products will be on show for the first time at Formnext. | Picture credits: joke Technology GmbH



External suction unit: usable with the ENESKApostprocess or as a separate device. | Picture credits: joke Technology GmbH



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