Press Release 3 – June 2021

4th Leading Trade Fair for Deburring Technology and Precision Surface Finishing,
12 to 14 October 2021 in Karlsruhe (Germany)

DeburringEXPO – Hands-On Presentation of Solutions for Burr-Free, Clean, High-Precision Surfaces

Neuffen, June 2021: **Preparations are running at full bore for DeburringEXPO as a live event at the Karlsruhe Exhibition Centre from the 12th through the 14th of October, 2021. The booking status also promises a successful 4th Leading Trade Fair for Deburring Technology and Precision Surface Finishing, where exhibitors and visitors will once again be able to exchange ideas at face-to-face meetings. Emphasis will be focused on solutions and information that make it possible for companies to effectively and efficiently fulfil stricter as well as changing requirements for deburring and surface finishing quality.**

The capital goods industry needs on-site events like **Deburring**EXPO where products, solutions and innovations can be experienced with all five senses and are presented in a convincing manner. This greatly facilitates the initiation of business with existing, and especially with new customers. Personal contact at trade fairs is unsurpassed as a means of building trust for long-term business relations and collaborations. And thus **Deburring**EXPO's exhibitors are already eagerly awaiting opening day at the leading trade fair for deburring technology and precision surface finishing ... with good reason, because roughly 94% of the expert visitors are involved in operational investment decisions. And with a rising ifo Business Climate Index which climbed to 99.2 points in May 2021 – the highest level since May 2019 – investments are picking up again in industrial sectors such as automotive, machinery manufacturing, sensor technology, medical and pharmaceuticals technology, tool and mould making, metalworking and aerospace, as well as environmental and energy technology.

Changing Requirements Necessitate Adaptive Solutions

Attention is being focussed on solutions with which companies can meet stricter, as well as new requirements for deburring and surface finishing quality. "Amongst other factors, this requirement arises from stricter

specifications for products and their surface finishing, for example due to downstream processes such as joining, coating, sealing and assembly. Changing production technologies and materials, such as workpieces made of material combinations, also necessitate optimised solutions for deburring, rounding and the production of precision surface finishes, as well as the cleaning of components after these processing steps," reports Hartmut Herdin, managing director of fairXperts GmbH & Co. KG, organisers of **Deburring**EXPO. Increasing use of additive manufacturing (AM) in series production is also impacting surface finishing processes. The removal of residual powder and supporting structures, as well as the rough and porous surfaces of additively manufactured components, are challenging. Further increases in efficiency by means of process optimisation, automation and digitalisation are presenting companies with additional challenges as well.
The exhibitors at the 4th leading trade fair for deburring technology and precision surface finishing will showcase appropriate solutions for these tasks. These broad-based offerings will be rounded out with theme parks for "Automated Deburring with Industrial Robots", "AM Parts Finishing" and "Cleaning After Deburring".

The Expert Forum: Knowledge Transfer at its Best

The integrated 3-day expert forum is an established supplement to the exhibition programme at **Deburring**EXPO for the promotion of knowledge transfer. Simultaneously interpreted presentations (German <> English) will provide information concerning solutions to current problems covering all exhibition segments. The trade fair programme is thus enhanced with the quality of a further training event which enables visitors to expand their know-how in the fields of deburring, rounding and the production of precision surface finishes, as well as component cleaning. Beyond this, examples based on actual practice and benchmark solutions provide ideas and stimulation for the optimisation of processes at one's own company.

Collaboration with GrindTec

Thanks to the new collaboration between fairXperts and AFAG – promoters of GrindTec – the exhibition portfolio at **Deburring**EXPO 2021 will be extended for the first time to cover the issue of "grinding technology" at a collective booth. This expansion of the spectrum of offerings will make it possible for visitors to gather information more effectively covering the entire

process sequence for surface treatment. **Deburring**EXPO will also be represented with a collective booth for “deburring technologies” at the next GrindTec, which will take place in Augsburg from the 15th through the 18th of March, 2022.

Further information, the exhibition programme and a preliminary exhibitor list are available at www.deburring-expo.de.

Captions:

Foto: FX_PR3_Surf-Finisher_cRoesler

Innovative solutions in automation technology make it possible to use conventional processes such as barrel finishing for new applications in automated single-part processing.
Bildquelle: Rösler Oberflächentechnik

Foto: FX_PR3_cKempf

Stricter demands on surface quality necessitate new automated solutions by means of which deburring results can be achieved in a reproducible and economical manner.
Bildquelle: Kempf

Foto: FX_PR3_Stand 2

Innovative solutions for the inspection of deburred surfaces are also covered by the exhibition programme at **Deburring**EXPO.

Bildquelle: fairXperts

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Contact persons for the editors, and for requesting image files:

SCHULZ. PRESSE. TEXT., Doris Schulz, Journalist (DJV), Landhausstr. 12, 770825 Korntal, Germany, phone: +49 (0)711 854085, ds@pressetextschulz.de, www.schulzpressetext.de

fairXperts GmbH & Co. KG, Hartmut Herdin, Hauptstr. 7, 72639 Neuffen, Germany, phone: +49 (0)7025 8434-0, info@fairxperts.de, www.fairxperts.de