A clever combination
ARKU presents the multifunctional production line with new functions at the EuroBLECH in Hanover, Germany

Baden-Baden/Hanover, 23.10.2018. All good things come in three – including deburred surfaces. High-quality panels require the perfection provided by combining leveling, deburring and flatness measuring. ARKU presents the production line covering these three steps in hall 11, booth A94 at the EuroBLECH from the 23rd to the 26th of October. Visitors experience a new system for preventing pinched edges and the quick roller change in action.

The multifunctional, fully automated production line reflects a major part of ARKU’s portfolio: In addition to the EdgeBreaker® 2000 Plus deburring machine, the system also includes the FlatMaster® 55 80 precision leveler and the FlatJack® automatic flatness control system. The three linked machines handle the key steps in the material preparation process: the EdgeBreaker® deburrs and rounds both sides of the panels. The FlatMaster® transforms these into flat panels almost entirely free of internal stress. The ARKU SmartEdge feature of our precision levelers can almost entirely prevent pinched or damaged edges. In addition, the FlatMaster® is also equipped with the RollerPickup® quick-change system. This motorized system extends and retracts the leveling rollers and support rollers. It shortens the times needed to fit and remove the rollers, therefore reducing downtime as a whole. As a result, the RollerPickup® supports the rapid cleaning of the leveling rollers.

At the end of the line, the FlatJack® flatness control system checks the flatness of the pieces. This results in high-quality panels suitable for even faster and easier processing. A central computer serves as
a variable customer interface (VCI) and enables the systems to communicate and coordinate their activities with each other.

Higher efficiency

“Our production line enables shorter cycle times and more efficient processes as a whole”, explains ARKU’s owner and Managing Partner, Albert Reiss. As such, the complete production line has a positive effect on customers’ financial and operating figures.

At ARKU, efficiency has been a key focus for 90 years – for both the company’s own production and its customers’ projects. “Over the years we have constantly initiated new developments”, emphasizes Reiss. “These have shaped the industry itself – and made ARKU the market leader.”
Leveling, deburring, flatness testing: The production line presented at the EuroBLECH covers multiple production steps.

Hands-free: the fully automated production line simplifies work for the operators and ensures shorter production times.
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About ARKU
ARKU, founded in 1928, is a world leader in roller levelers and press feeding technology with the world's most extensive range of high-capacity and precision levelers, and with more than 50 years' expertise in the field. The company also offers innovative deburring and edge rounding technology.

With its headquarters in Baden-Baden, Germany, and ISO-certified facilities in Kunshan (China) and Cincinnati (USA), the business operates in almost 30 countries worldwide. The product range comprises precision levelers, deburring and edge rounding machines for parts, cut-to-length and slitting lines, press feeding units and press feeding lines and coil preparation lines for roll formers. ARKU provides engineering expertise to many manufacturing industries, including automotive, railroad equipment, shipbuilding, construction and furniture, as well as laser job shops and others.

Further information is available at www.arku.com