

... in practice



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A brief look at contract manufacturer SBS Kft.

Higher welding quality with a significant reduction in the time required for both welding itself and finishing work – this sums up contract manufacturer SBS Kft., based in Erdőtelek, Hungary around 130 km east of Budapest. Thanks to a greater arc penetration depth, the new forceArc

welding process results in significant time savings alongside an increase in welding quality. Another benefit is that EWM welding machines require far fewer spare and wear parts despite a higher duty cycle. All these effects lead to an increase in productivity.

The challenge

Increasing quality requirements and greater cost pressure are the challenges faced by most contract manufacturing companies. In the case of welding, this is synonymous with high welding quality produced in less time. Only through this combination can a true productivity advantage be achieved. The spectrum begins with selection of the welding procedure and can also include design measures. This was precisely the challenge faced by SBS Kft.



20 new Taurus welding machines following their arrival at the factory workshops of contract manufacturer SBS Kft.



With their new welding machines, the company are best equipped for the challenges to come.

The success

SBS Kft. were so impressed by the quality and long duty cycle of the Taurus welding machines from EWM that they procured 20 welding machines in a single order and equipped their welding shop with them. In addition to improving quality, the company are able to reduce costs thanks to both a significant reduction in finishing work and a considerable decrease in the number of consumables used – all the parts used last much longer than they used to (wear parts in particular).

The solution

If a weld seam can be welded from just one side instead of both, it saves a lot of time – both in terms of handling and the welding process itself. This substantial change to the workflow is possible thanks to the innovative forceArc welding process from EWM. ForceArc is a heat-minimised pulsed arc with both great penetration depth and outstanding gap bridging. This makes it possible to weld the carbon steels being used in a reliable way with nearly no spatter, yet with the same outstanding welding quality and considerably less finishing work.



The entire workforce – especially the welders – are thrilled with the new machines.