

# PRESS RELEASE

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## **Welding & Cutting confirmed focus and revealed trend**

**Users of welding systems welcome Frontpull 8i and eReam  
product developments**

**On the leading international trade fair Welding & Cutting, SKS Welding Systems presented their visitors two key innovations. Our eReam torch cleaning system follows the industry's trend to get rid of the cost- and energy-consuming compressed air supply. It is exclusively operated with electric motor drives. The Frontpull 8i torch system provides optimized support for the efficiency and effectiveness of modern process arm robots. The drive unit just upstream of the place of the welding process combined with the torch's endless rotation feature increases the process quality, saves time, and exploits the movement options of the entire system consisting of the robot and welding equipment to the max.**

Chuck, milling unit, pump, and the optional wire cutter – each of the eReam's components is driven by an electric motor. For the torch cleaning system, this approach involves many advantages: it is easy to install and use, precisely controlled, safe and cost-efficient when it comes to operation and maintenance, and offers a high level of reliability and availability plus a long service life with low life cycle cost (LCC). Depending on the overall system, the cost savings from eliminating the otherwise necessary electrical energy for the generation of compressed air alone can amount to € 200 annually.

Frontpull 8i in particular supports process arm robots with a low payload. This torch system combines the advantages of the Frontpull wire feeder that is already proven with traditional robots with those of the endlessly rotating Power Joint torch system. The convincing results include a highly accurate wire electrode feeding even in difficult situations (such as soft wires from a coil), time savings during programming and welding, as well as a longer service life of wearing parts.

Positive reactions of potential users of both new products as well as additional suggestions encourage the management of SKS to stay focused and continue efforts after the first experiences: "With

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Frontpull 8i and eReam, we took care of the needs of the users of industrial robot welding and turned them into practical products. We are pleased that we can thus contribute to higher welding quality and sustained production efficiency," said Markus Klein, CEO of SKS, summarizing the comments of visitors to the stand. According to current plans, both new products should enter serial production after the completion of the running pilot applications starting from the first quarter of 2014. With microMIG-cc, the international visitors to SKS' stand were also presented an advanced welding process. Despite its greatly reduced heat input, this new process is almost spatter-free and achieves excellent penetration results.

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For more information, please visit [www.sks-welding.com](http://www.sks-welding.com).  
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Great interest at the booth of SKS Welding Systems GmbH

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