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Preview to EuroBLECH exhibition



High-quality power sources for plasma cutting, for welding and plating require a high-quality torch technology. Kjellberg Finsterwalde has worked intensively on the development of new torches and the opening up of new fields of application. The results will be presented at the trade show EuroBLECH in Hanover from 26 to 30 October 2010.

The **HiFocus 440i** as the most powerful high-precision plasma cutting system of the world will be shown with the latest HiFocus plasma torch, the PerCut 450. Due to its innovative construction principle it allows not only very high cutting speeds but is also suited for underwater plasma cutting in addition to dry cutting. This reduces emissions and the noise level at similar cutting speeds. Due to the acute-angled geometry of the consumables it is also ideally suited for bevel cutting up to 50 degrees. During the development of this torch, the main focus has been on increasing the lifetime of the consumables.

The plasma welding system **PSI 350 plus** can now also be used for plasma keyhole welding in addition to plasma powder deposition welding after exchange of the torch. The high performance and high output of this process reduces the effort necessary for weld preparation. This system which is in particular suited for container construction combines the advantages of keyhole welding of butt welds with the advantages of high-tensile hard-surfacing with a plasma beam.

Further, we also offer new torches for manual welding and cutting tasks. At the EuroBLECH 2010, the new ergonomically shaped hand torches for the plasma cutting inverters of the **CUTi series** will be presented for the first time. The SAW hand torch UP H 500 supports the welding of thick plates in case of weld geometries which are difficult to access. The modified manual SAW process offers an excellent alternative for such tasks where MIG/MAG welding is uneconomic and mechanised or automated welding is impossible.

Numerous demonstrations complete Kjellberg's presentation in hall 13, stand C44.