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**Miyachi Europe to Showcase Innovative New Resistance Welding, Laser Marking
and Hot Bar Solutions at productronica 2011**

[Miyachi Europe](#), the leading supplier of resistance welding, laser welding, hot-bar and laser marking products, will be unveiling many new developments including its new MG3-HB premium hot bar monitoring solution at the productronica 2011 trade fair, to be held November 15-18, 2011 at the New Munich Trade Fair Centre, Munich, Germany, at Hall B2, Booth 211.

On display will be the AWS3 Active Welding System equipped with the new low force MFP25 weld head, the new innovative modular weld head system concept, which now incorporates a wide range of customer requested variations into standard product configurations, improving efficiency, quality and serviceability. Other products to be exhibited include the new 35W Fibre Laser Marker, ML-7340C, the Green Laser Welder ML-8150 and the 1kW Fibre Laser Welder ML-6810.

Miyachi Europe's famous MG3 Weld Monitor has become the 'Global Standard' technology in resistance weld monitoring over the last years, providing precision real-time dynamic measurement of all welding variables. The newly introduced MG3-HB process monitor for hot bar applications features precise force, temperature and displacement measurement with an extended process measuring time of 30 seconds. The MG3-HB is equipped with all standard MG3 features, including two independent measurement channels, oscilloscope functions, full on-screen SPC capability, integrated clock and date for weld reporting and traceability, up to 99 schedules with password protection and multiple language capability.

A host of new features will be showcased on Miyachi Europe's AWS3 Active Welding System, an integrated solution providing process control, monitoring and quality analysis all in one. The AWS3 is ideal for high volume resistance welding in the automotive, electronics, battery

and aerospace industries in particular. Hardware updates have improved process control and adaptive features which now include duty cycle, electrode closing time, squeeze time and weld force. New HMI developments feature the a user friendly touch screen with a larger panel, increased interfaces, new data storage options and twice the screen resolution to allow operators an improved view of the details. The AWS3 also incorporates the latest range of weld head and weld pincers along with the new low force, MFP25, servo head with a linear drive.

Miyachi Europe's new modular weld head concept will be revealed and demonstrated. The concept, which was designed to give customers the widest possible range of variations while emphasizing quality, efficiency and serviceability, uses a 3D CAD system to manage and standardise feasible variations. The CAD tool considers and combines all relevant technical criteria and suggests a perfect solution out of hundreds of variations. Application experts will be on hand to show how the concept can be used to customise applications.

For more details on Miyachi Europe's areas of expertise please visit our website at

<http://www.miyachieurope.com/technologies/>

About Miyachi Europe

Miyachi is the market leader in developing, building and servicing machines and components for laser welding, laser marking, resistance welding, hot bar and systems. Miyachi solutions are an integral part of the production process to connect, to join, to automate, to identify or to customise components in a very reliable and very sustainable fashion. Miyachi products are in use in a variety of modern high-tech application fields. These application fields are our areas of expertise to the benefit of our customers' and our vendors' future growth in Automotive, IT & Multimedia, Electronics/Solar Cells/Batteries, Medical, Aerospace, and Defence. www.miyachieurope.com.