



## PRESS INFORMATION

Bad Nauheim, 23 September 2008

KMT GmbH, Waterjet Systems is the leading worldwide supplier of Waterjet Cutting technology. The Waterjet Cutting Systems Division in Bad Nauheim is active and renowned in basically all industries and application areas of this innovative technology. Many years' experience and significant research work, as well as a innovative company structure are reflected in the high quality and reputation of brand names such as STREAMLINE™, ACTIVE AUTOLINE™, AQUALINE™, ABRALINE™ and FEEDLINE™ etc. The complete product range of high quality system components make KMT Waterjet Systems an ideal partner for everybody interested in cold cutting methods.

### Innovative Ultra High-Pressure Technology Jet Cutting using 6,200 bar

KMT Waterjet Systems are launching a revolutionary new series of products this autumn that will propel the world of waterjet cutting into a new era:

#### The new PRO – High-Pressure series

At KMTs', PRO is synonymous with turnkey waterjet cutting systems using pressures of up to 6,200 bar and that are supplied with all of the components required for waterjet cutting – from the high-pressure generator to the nozzle from which the cutting jet is aimed at the material requiring cutting. These 6,200 bar of pressure represent a nearly 50 % increase of the pressure conventionally used!

The advantages presented by this leap in technological progress include:

- Higher cutting speeds
- Improved cutting quality
- Less abrasive wear

This new development also means that waterjet cutting will now also become of interest to those using alternative cutting technologies such as, e.g. plasma or laser cutters, when considering buying new equipment.

In order to enable users to gain the maximum possible benefit from this huge increase in operating pressure, KMT also carefully re-examined all of the components inside the high-pressure unit up to the cutting head, which led to the development of the following brand-new products:

- The STREAMLINE PRO Ultra High-Pressure Pump
- The ACTIVE AUTOLINE PRO Abrasive Cutting Head
- The AMS PRO Abrasion Management System
- The PSC PRO Valves, Pipes and Fittings

In view of the increased pressures they are exposed to, these products were redesigned such that their lifetime behaviour guarantees that they are extremely economical to operate over their entire lives. KMT Waterjet's original PRO series is the perfect high-pressure equipment for high demands with respect to both reliability and cutting quality over time.

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### **Maximum level of flexibility for all waterjet applications**

The Ultra High-Pressure Pump STREAMLINE™ PRO is yet another top-range addition to KMT Waterjet's unique range of high-pressure pumps. KMT Waterjet's STREAMLINE™ series comprises a range of waterjet systems that is guaranteed to meet all needs – no matter whether you are looking for high flow rates, extremely high pressure or just a basic model simply featuring no more than essential water cutting equipment.

### **Customer-oriented design**

The PRO series was especially designed to enable it to be serviced and maintained easily and with no fuss. The simple, modular structure of all of the PRO systems' components makes them extremely easy to replace when worn. This type of structure furthermore ensures that each of the components is guaranteed to perform to the end of its natural life cycle.

### **Redundant operation – a further increase in reliability**

Keeping producing processes up and running at all times becomes even more important when working with multiple shifts. In order to ensure just that and to increase its systems reliability, KMT's systems now come with a redundant relay valve. So, if a leak develops on a relay valve, it can be left to be dealt with during the next production phase: Simply disconnect, activate the second relay valve right next to it, and continue production! Ensuring that you can keep your production processes running at all times!

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