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## New MasterTig – quiet but competent master of TIG welding

**Kemppi announces the launch of a completely renewed MasterTig product family. Designed for professional user groups, MasterTig product range offers a choice of power variants in 230 and 300 A models, which will be complemented in 2020 with 400 and 500 A models. The new MasterTig products carry numerous enhancements that raise the user experience and the power efficiency to a new level.**

MasterTig is already a familiar name in Kemppi's product selection, but now the MasterTig products are reborn. They have not only been upgraded, but a completely new welding machine has been created for professional welders doing AC and DC TIG welding and MMA welding.

### **Welding machine optimized especially for you**

New MasterTig equipment have been designed from the perspective of the ordinary welder, but the products themselves are far from the ordinary. Thanks to its modular design, you can create your own MasterTig setup that fits your needs perfectly. You can choose from a range of MasterTig power models, alternative user interface, remote control options, transport carts and torches.

### **Weld Assist guides you towards productive welding**

MasterTig comes with three control panel options: two membrane panels with push buttons, and an interactive MTP35X panel featuring a 7-inch TFT color display and an illustrative graphical interface.

If your MasterTig is equipped with the MTP35X control panel, you do not need to worry about the right parameter settings. Just launch the wizard-like Weld Assist function and follow the simple on-screen steps. Select material, thickness, joint type and welding position, and Weld Assist sets the best parameters for your particular welding task. It also gives recommendations for electrode size, filler wire, gas flow, groove type, pass profile and travel speed. Perfect help for pWPS creation.

### **Productivity features for enhancing TIG welding**

MasterTig offers a number of high-technology features for enhancing your TIG welding. For example, MicroTack function is ideal for multiple, repetitive tacking on thin sheet applications, where a consistent and controlled appearance is paramount. Double Pulse function combines alternative pulse cycles and improves the welding speed by up to 30 %.

Optima AC is a customized waveform that combines the best of the traditional sine and square waveforms. It improves the welding quality and reduces the noise level in AC TIG welding by 20 %.

### **Flexlite TX welding torches**

Launched together with the MasterTig product family, Kemppi also presents new Flexlite TX torches featuring high-strength, flexible molded handles for increased comfort and lower welder fatigue. Silicone rubber material in the handle gives a firm grip, and the innovative design reduces wrist loading, allowing the welder to concentrate on the perfect weld.

Ready equipped to fit MasterTig in either gas or water-cooled models, Flexlite TX torches are available in alternative power classes and lengths.

### **For further information, please contact:**

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### **About Kemppi**

Kemppi is the pioneering company within the welding industry. It is our role to develop solutions that make you win business. Headquartered in Lahti, Finland, Kemppi employs over 800 welding industry experts in 17 countries and has a revenue of more than 150 MEUR. Our offering includes welding solutions - intelligent equipment, welding management software and expert services - for both demanding industrial applications and ready-to-weld needs. Local expertise is available via our global partner network covering over 60 countries.

[www.kemppi.com](http://www.kemppi.com)

### **Image captions**

Image: Kemppi-MasterTig-welding-1

Caption: The new master of AC and DC TIG welding, MasterTig sets new standards for weld quality, usability and power efficiency.

Images:

Kemppi-MasterTig-weldassist-thickness

Kemppi-MasterTig-weldassist-joint-type

Kemppi-MasterTig-weldassist-position

Kemppi-MasterTig-weldassist-recommended-settings

Kemppi-MasterTig-weldassist-material

Kemppi-MasterTig-welding-Flexlite

Caption: Weld Assist guides you towards the optimal setup.

Images:

Kemppi-MasterTig-Panel-MTP35X

Kemppi-MasterTig-Panel-MTP23X

Kemppi-MasterTig-Panel-MTP33X

Caption: For fast and accurate parameter setting, choose traditional touch button control panels or the full color 7" TFT control system, including Weld Assist.

Image: Kemppi-Flexlite-welding

Caption: Ready equipped to fit MasterTig in either gas or water cooled models, Flexlite TX welding torches for TIG welding increase user comfort and lower welder fatigue.