

Multi-process welder range

DURING the international trade fair Schweissen & Schneiden 2017, Helvi SpA will introduce the new Maxitech range. Designed with inverter technology, the new 3ph multi-process welding machine range includes compact units and models with separate wire feeders.

The large 3.3" display shows all the welding parameters and makes their setting easy and intuitive. The units are equipped in standard configuration with MIG/MAG manual and synergic, MMA and TIG processes (plus gouging for the 500-amp version). The CAN bus technology allows the power source to be expanded with optional single pulse, double pulse and root welding functions.

In synergic/pulsed MIG/MAG welding, the microprocessor allows quick and easy setting of the programs, ensuring optimal arc stability and high welding quality. MIG/MAG features include continuous, pre-set synergic/pulsed curves; storage of custom welding settings; 2T/4T spot function selection;

pre-post gas time regulation; electronic reactance; soft start; burn back time; hot start; slope down; and crater filler.

TIG DC features include lift arc; continuous and pulsed welding; 2T/4T; and current and final current up/down slope regulation. The MMA selection features anti-sticking, and adjustable hot start and arc force.

An optional interface can be installed to enable use of spool gun or push-pull torch, with analogue or digital control. The user can save and recall more than 200 working points and store them in a customised job list. A USB interface enables easy updating, with the possibility to extract welding data. For Maxitech 380-500 models, from the separate wire-feeder the user can set all the parameters up to a distance of 100m from the power source.

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Maxitech 355C
welding inverter



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