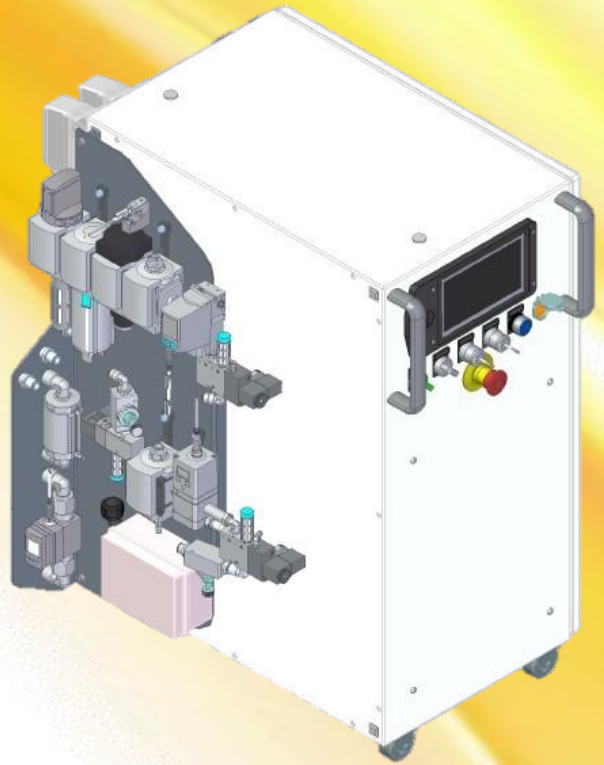


MEDIUM FREQUENCY BOX INVERTER (300 → 1.200 Amp)



ELECTRICAL CABINET BY RITTAL

MF CONTROL WITH MAXIMUM PRIMARY WELDING CURRENT FROM 300A UP TO 1.200A, WATER COOLED

- Inverter module MF-RWC-4000, with the possibility to select the working frequency from 1000Hz to 10000Hz
- Internal USB interface for data collecting, backup and restore and firmware upgrade
- Web interface for first commissioning, control unit programming and weld data view
- Ready to be connected to a PLC system
- Working modes available IK, ROK, VEK, PK, ENE and automatic.
- Secondary current measure by Rogowski coil and secondary voltage measure
- Up to 512 welding programs selectable by the user
- Possibility to edit the welding program without stopping the welding operation



OPT: HMI on the BOX wall



OPT: HMI with connection cable up to 5 m



Module for pneumatic – extended I/O – multi start input – program recall

AA00007

- VIO (input and valve output) module for MF inverter
- Internal wiring for pneumatic handling
- Certified emergency module for restart and emergency chain management
- Two hands buttons certified managements module

Pneumatic and water circuit mounted on external plate and assembled on the side of the electrical cabinet

PA000026

- Water and air circuit
 - Cut off of pneumatic air and cooling water connected to the emergency chain
 - Flow meter and flow switch for the cooling water
 - Manual regulator for the welding pressure and for the counter pressure
 - Pneumatic valve for double stroke management
- The option requires to install also AA00007.

PA000027

Proportional valve for the electronic regulation of the welding pressure

PA000028

Proportional valve for the electronic regulation of the counter pressure. The option requires to install also the option PA000027.

PS000004

Position sensor for thickness measure with 150mm of active stroke

AA000006

RCD (residual current detection) system

