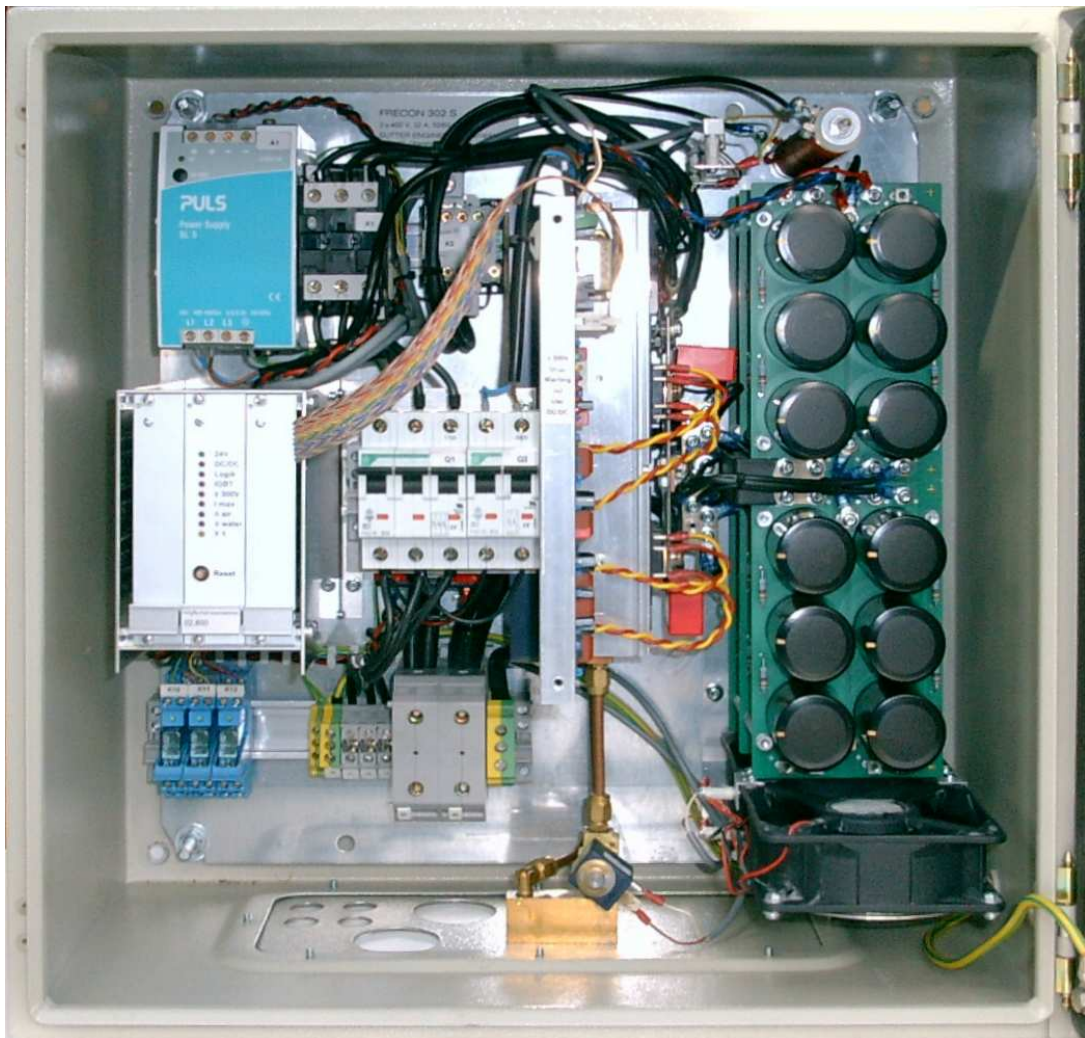


Our solution to save energy !!

FRECON 202, 302, 402

The static frequency converters to upgrade
your can body welders



Description:

- Control and monitoring functions integrated on 3 circuit boards.
- Low switching frequency give a **low machine warm up** or higher welding frequency.
- Power semiconductors are mounted on water cooled copper base plates
(**no corrosion**)
- Water valve regulates the water flow trough the base plate for power semiconductor
(**no condensation**)
- Closed control cabinet IP66
(**no copper, steel or powder dust in the control cabinet**)
- All welding Parameters can be adjusted on machine control panel
- Easy interfacing for Soudronic, SMAG and FAEL welders

Technical Data:	FRECON 202	FRECON 302	FRECON 402
Power supply:	3 x 400 V, (440, 480 V) 32 A, 50/60 Hz	3 x 400 V, (440, 480 V) 32 A, 50/60 Hz	3 x 400 V, (440, 480 V) 40 A, 50/60 Hz
Output power:	50 kVA bzw. 20 kW	75 kVA bzw. 23 kW	100 kVA bzw. 28 kW
Power factor:	Cos φ >0.9	Cos φ >0.9	Cos φ >0.9
Current Limit:	200 Ap	300 Ap	400 Ap
Welding frequency:	80...320 Hz or 200...800 Hz, step less		
Inputs:	Potential free trough optocoupler (24 V DC) The status of each input is displayed by LED.		
Outputs:	Potential free contacts for interfacing with the welder available.		
External Cooling:	Water inlet pressure 5...10 bar (72...145 psi) Water inlet temperature 5...12 °C (41...54 °F)		
Dimension:	500 x 500 x 300 mm (20" x 20" x 12")		
Weight:	34 kg	36 kg	40 kg
type of welder:	VAA 50..120 VEA 25 VEAWK 50...120 SMAG ZSMA 4 ABM 150...270 SBW 50...180	ABM 400...420 ABM 3400 FBB 400...540 FBB 5501 / 5600 SBW 250...270	FBB 500 MK2 FBB 5502 SBW 4400 FAEL ABW FAEL SSB