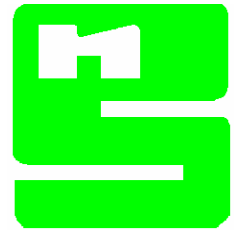


SMT ASSEMBLY & WIRE PROCESSING EQUIPMENT SMANS

Bremheidelaan 8
2300 Turnhout
België
H.R.T. 83.952
B.T.W. BE 462.377.719

Phone : +32 (0) 14-42 44 01
Fax : +32 (0) 14-42 60 72
E-mail : info@smans.com

www.smans.com



910 248 310 Wire Splicing System «TelsoSplice» - Table Version



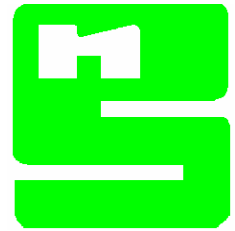
- The very rigid, precise and stiff mechanics of the welding tongs make welds of high quality viable.
 - The rigidity of the machine allows joints of up to 45mm² to be welded.
 - The arrangement in the cable loading area has been kept very simple to facilitate feeding the cable.
 - Tooling such as sonotrode, anvil plate, anvil tip and side gather, all have two working surfaces and can thus be used twice as long.
 - The tooling can be changed quickly and safely because of the proven tool design.
 - The mechanical construction guarantees simple servicing of the welding system.
 - Very short design and low weight.
 - The unit is built into an ergonomically manufactured table constructed from stable aluminium profile frames.
 - The unit is controlled using a PC with touch-screen operation.
 - Connecting into a customer network system is possible without any difficulty.
 - The control system is fitted out with a fully automatic welding joint quality assurance facility.
 - A comprehensive statistical evaluation of the welds is available to the user which allows the standard deviation and process quality evaluation parameters Cpk/Cpo/Cpu to be derived rapidly.
-
- Every welded joint is stored in a memory and can be called up at any time. The settings, summary results, power curve and distance curve are recorded.
 - Comprehensive protocols can be printed out on a printer and filed.
 - An optional software allows the weld joints and sequences for the machine to be recorded and the statistics to be generated directly from the operating position office.

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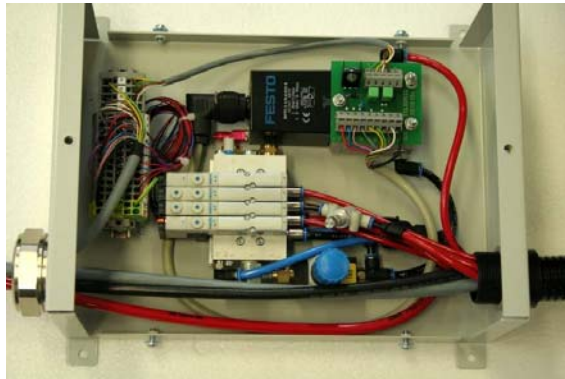
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Pneumatic Box



- The pneumatic unit is fitted out with an easily serviced valve bank and a fast precise proportional valve. This guarantees welds of high quality and reproducibility.

Generator SG-22-3000-3 / 3000 W / 20 kHz

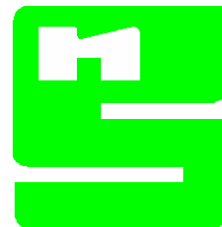
- With amplitude regulated power system ARP and fully automatic frequency tuning control.
- Amplitude stabilising to +/- 2% from idling up to full rated power, and with power supply variations of +/- 15%.
- Complete short circuit and overload security.
- Well arranged front panel with LED bar displays showing the current generator load and operating frequency.
- Overload and overheating indicators.
- Built into a robust steel sheet housing.
- Output power 3000 W eff.
- Frequency 20 kHz
- Nominal connection voltage 400 V / 50/60 Hz

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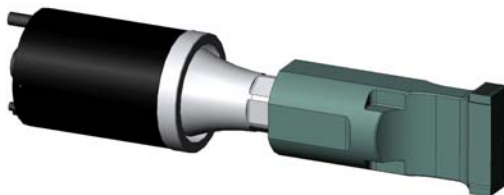
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2300 Turnhout
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E-mail : info@smans.com

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Ultrasonic Converter SE 50/30-6A 20kHz



- The converter is completely encapsulated.
- Operating frequency 20 kHz.

Tooling



- All tooling is made from high quality hardened tool steel.
- Each tool has two working surfaces and can thus be used twice as long.
- The width of the tools is 12mm and they are furnished with wave profiles.
- Depending on the extent of the wear, the tools can be re-ground and then used further.

Operating Instructions with CE Declaration