SCIP2-4

Technical Machinery Notes

PARALLEL CHAIN WELDER – 156 - 158

Automatic machines for the production of “Bismark” chains. These units solder two chains together in parallel. Version 2 is used for only fixed pitch chains, while version 4 can also process alternated chains (Figaro).
The unit has a unique advancing system which automatically corrects any error between the chains pitches.
The welding process is carried out using gas mixture of Hydrogen and Oxygen. The units are supplied with the CCS control and deoxidising unit, a bidirectional gas flow regulator and non return valve.
The CCS unit apart from regulating the flow and pressure of the gas mixture, also adds a deoxidising agent to the hydrogen, thus preventing the build up of oxide on the chain and the machine itself.
All of the machine is completely controlled by a microprocessor based control unit, which sees to controlling all facets of the process: chain feeding, alloy placement, flame positioning and timing etc..

Technical features

Max. production speed	120 links/min
Max. process width	22 mm
Wire Ø	from 0.35 to 2.00 mm

Technical data

Voltage (single phase)	230 V 50/60 Hz
Power	0.15 kW
Gas consumption	H 100 l/h – O 100 l/h
Compressed air	27 l/min (filtered) at 6 bar

Dimensions	SCIP2 - SCIP4	70 x 48 x 157(h) cm – 68 kg
	CCS	28 x 29 x 70(h) cm – 18 kg
packing		198 x 62 x 70 (h) – 130 kg

Note. The above data, features and characteristics are not binding. CIEMMEO s.r.l. retains the right to vary them at any time without prior notice

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