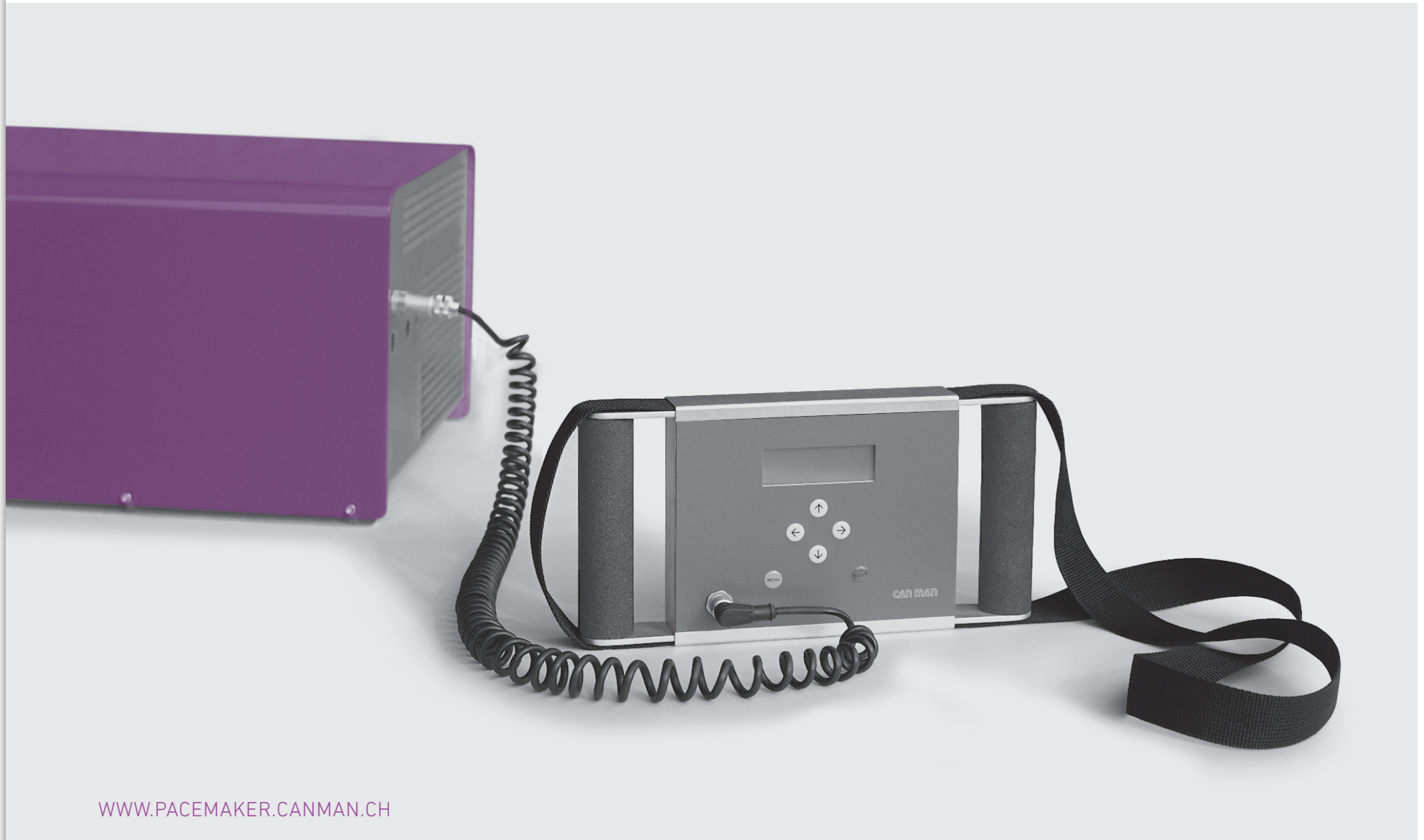


Pacemaker HF™

CAN MAN



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Pacemaker HF™ at a glance

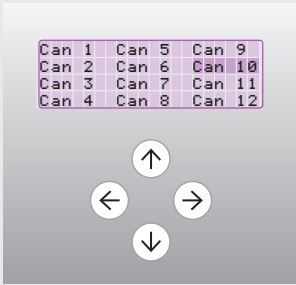
- 1

Most compact, silent and maintenance free.
- 2

Powers up the output of production line while increasing product quality.
- 3

Fits every canbody welder and can be easily installed by a qualified electrician.
- 4

Already over 500 welders worldwide are upgraded with this high end unit.



Compatibility

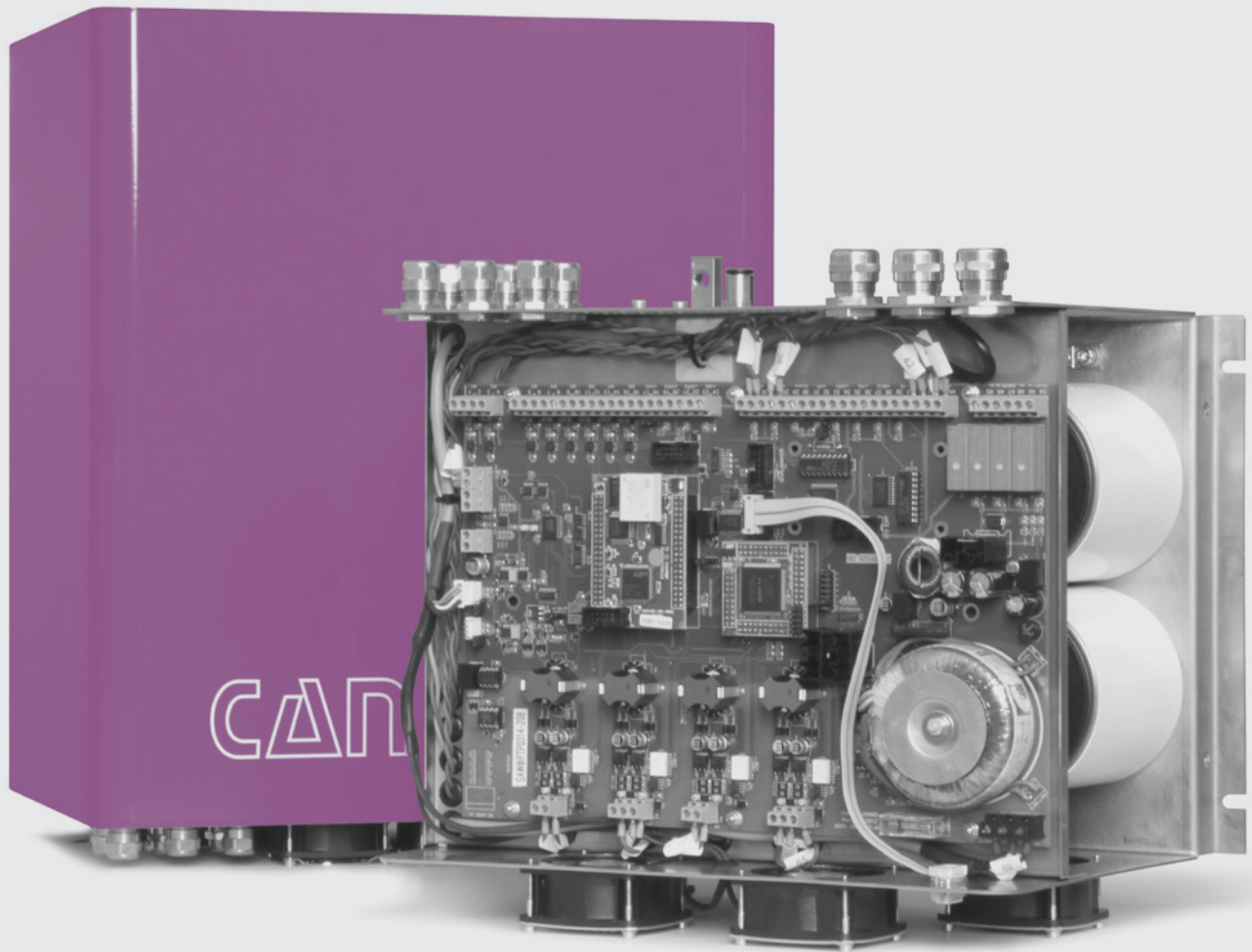
With its latest digital technology, the Pacemaker HF™ replaces old mechanical (motor driven) frequency generators, but recently also more and more old, static inverters. Due to its compatibility Pacemaker HF™ is your solution for any welder in your factory.

Installation & Setup

The installation is easy and may be done by a qualified electrician. After the mechanical installation, a defined impulse can be activated, which measures the actual machines inductivity and limits the power as well as the possible weld frequency. 1 to 2 days and you are ready to restart production.

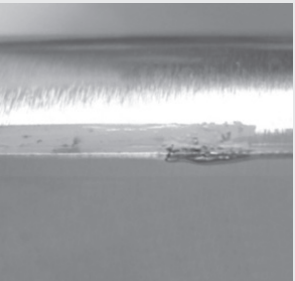
Preset Mode

All operators, settings are digitally adjusted and can be stored and recalled when the same type of can is produced (again)! The digital diagnostic control enables the customer to further see and re-see all welding or system-related errors occurred during the production.



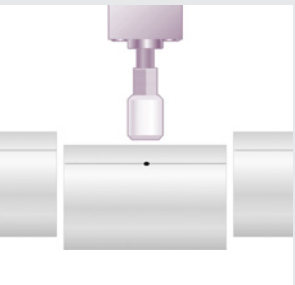
Wire Break Protection

After the setting of the welding current and frequency is done, a tolerance field can be set in % that will limit the regulators, range. This special feature makes sure that an over-lacquering or any other contamination on the seam area does not damage the welding rolls and protects the copper wire from breakage!



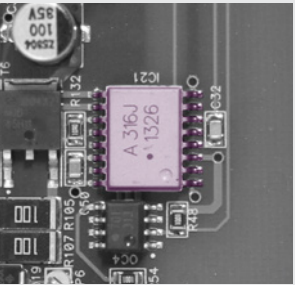
Quality Control

The provided digital in- and outputs enable a connection to the Can Man Qualimaker or any other weld monitor system you may have installed on your welder. If there's no weld-monitor installed, an optional can rejection kit can be supplied and connected.



Short Circuit Protection

Old or low quality welding transformers bear a high risk towards a short circuit. Pacemaker is equipped with a high-speed protection which senses within nanoseconds such a destructive event and shuts the current off instantly. This prevents a damage of the Pacemaker and its electronic components.



Technical Data

Digital Frequency Inverter

	PacemakerMicro™	Pacemaker400™
Welding Frequency	up to 600 Hz	up to 1000 Hz
Peak Current	200 A	400 A
Welding Speed	10 - 40 m/min	10 - 140 m/min

Pacemaker1000™ is also available for drum welders.

Savings* (in kWh)

Consumption / kWh	Generator	Pacemaker	Savings
per hour	23.08	8.82	14.26
per shift	138.46	52.92	85.54
per day	415.38	158.76	256.62
per week	2076.92	793.80	1'283.12
per year	99'692.31	38'102.40	61'589.91

**The above savings are based on the following assumptions:*

Power	15 kW	Working weeks	per year 48
Generator	65 % efficiency	Working days	per week 5
Pacemaker	~ 100 % efficiency	Shifts	per day 3
Line	60 % efficiency	Working hours	per shift 6

Please visit www.pacemaker.canman.ch to calculate your individual savings!

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