

Welder now compatible with calibration crowns

Swiss welder manufacturer Can Man has redesigned its CM16 series welding machine to be compatible with all types and sizes of calibration crowns from existing ABM Soudronic welders.

The development will enable canmakers to reduce the initial installation cost of a CM16 welder, by allowing them to use the calibration crowns from their existing ABM machine, rather than purchasing new crowns. This benefit is said to be particularly advantageous to canmakers producing more than one can format. Can Man will also upgrade existing crowns to meet the latest standards.

The exit conveyor of the CM16 series is also now compatible with the Frei outside roller lacquering device system. The system is integrated into the overhead conveyor of the welder, which shortens the machine configuration as well as ensuring that each can is more accurately guided and aligned with the weld seam when it reaches the lacquer roller applicator, as the cans are not transferred between conveyors.

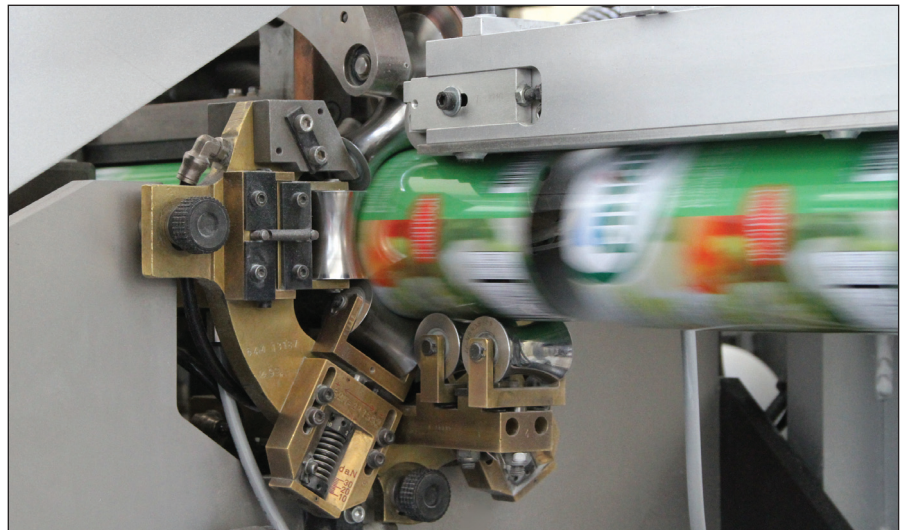
Can Man, Mülisacker 221, Hallwil CH-5705, Switzerland. Tel: 41 62 777 4440. Fax: 41 62 777 4441. Website: www.canman.ch

Cross-section seams while on the road with saws

CMC-Kuhnke has launched two portable seam saws for the inspection of beverage and food can seams, designed to enable service engineers to cross-section seams during visits to customers.

The two units – the PCS-1153 unit for food cans, and the PCS-1307 for beverage cans – are lightweight saws fitted with a suit-case for protection and ease of transportation.

The saws use two parallel blades, with one mounted to cut along the diameter of the can, allowing the cross-section to be made without chattering, distortion, or alterations to the hook lengths. This provides an accurate radial slot, says CMC, with no distortion and minimal burr, to allow accurate double-seam imaging and measurement.



The two saws are compatible with a range of can sizes, and join CMC's existing Handy Seam double seam inspection system, and the MKS-1202 seam stripper.

CMC-Kuhnke, 1060 Broadway, Albany, New York 12204, USA. Tel: 1 518 694 3310. Fax: 1 518 694 3311.

Website: www.cmc-kuhnke.com

Heat recovery systems cut energy use and costs

As well as specialising in pneumatic conveying equipment for the beverage can industry, UK-based Impact Air Systems now offers a range of systems designed to cut energy and gas consumption and reduce operating costs.

This includes systems for recovering waste heat from areas such as thermal oxidisers, dry-off units, compressor cooling systems and washer oven exhausts. It is then used for pre-heating in the washing and drying processes, and heating the plant and its water supplies.

A recent study conducted by Impact Air Systems at a number of major beverage can plants in Europe found that a typical three-line plant can recover 2,000kW of energy annually from its oxidiser exhaust – representing between 250,000 and 500,000 euros (\$317,000 and \$635,000) of cost savings.

Other resource-saving systems available from the company include ink cooling modules, which control the temperature of the decorator ink rollers to reduce spoilage during stops. This can be fitted with a heat exchanger on the incoming water feed, to generate around

250kW of cooling power for the inkers, thereby reducing the need for a chiller.

Impact Air Systems, Impact House, Oakland Road, Leicester LE2 6AN, United Kingdom. Tel: 44 116 244 8855. Fax: 44 116 244 8212.

Website: www.impactair.co.uk

Updated controller for dryers and sterilisers

A retrofittable controller for induction dryers and sterilisers has been developed by Nordson.

Designed to be compatible with the company's existing drying and sterilising equipment, the BR1 controller replaces the Mountaingate controller and offers a range of advantages.

New features include a touchscreen control panel and an interface designed to be easier to navigate. The power limiting and sensor detection features have been enhanced, dryer and inverter run times are recorded automatically to allow preventative maintenance to be scheduled, and the system automatically detects any faulted thermocouple sensors, thereby reducing downtime.

Nordson, 300 Nordson Drive, Amherst, Ohio 44001, USA. Tel: 1 440 985 4385. Fax: 1 440 892 9507.

Website: www.nordson.com



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