

Media Information

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Maillis UK provides fully automated inline solution for Pindar Graphics

M. J. Maillis UK Ltd., the Nottingham-based complete end-of-line packaging solutions specialist and M. J. Maillis Group company, has recently completed a contract for the supply of a fully automated strapping and wrapping system for Pindar Graphics, Scarborough, UK.

Pindar, the international print and electronic media company, selected an automated solution to bring greater efficiencies to its packaging process, delivering significant savings in terms of consumables used.

Meeting the M. J. Maillis UK sales team at the Total Processing and Packaging Show, Pindar Graphics sought more effective solutions for its packaging process, which relied upon a combination of hand strapping and semi-automatic wrapping machinery.

Fully automated solution

“Via use of our much acclaimed MJM VarioMaster 9460 TLLV (Traversing Lance, Locational Velocity) automatic strapping machine and our flagship Mancon 2201 high speed stretch wrapper, we were able to create a fully automated solution that not only brought new levels of speed, quality and consistency to Pindar’s packaging line, but also provided exceptional efficiencies,” commented M. J. Maillis’s Graphics Division Manager Peter J. Green.

A high performance, low maintenance fully automatic vertical strapping machine, the VarioMaster 9460 features Maillis's GS41 strapping head as standard. The model has a 'telescopic' strap track to enable strap to be fed at any height for increased throughput and reliability. While an electrically powered strap bayonet allows polyester or polypropylene strapping to be fed through the pallet void.

After the application of two straps to the palletised load by the VarioMaster 9460, the pallet then travels by conveyor to the Mancon 2201 fully automatic ring stretch wrapper for topsheet application and stretch wrapping, with power pre-stretch of up to 300%.

During this process the pallet remains stationary while the Mancon's high speed, patented graphite rotation ring with film carriage circles and moves up and down whilst applying film to the pallet.

Infrared welding and cutting of the film at the ends of the cycle then ensure complete secure encapsulation prior to the palletised load being transferred to the warehouse for subsequent loading.

Pindar Graphics is able to take advantage of full consumables supply for all their strapping and stretch film requirements. Dedicated after sales support with the benefit of a comprehensive service contract, ensures the very finest strapping and stretch wrapping technology, which is all underpinned by M. J. Maillis UK's outstanding packaging solutions expertise.

About Pindar Graphics

Pindar is a publishing solutions specialist working within chosen markets, with particular emphasis placed on data gathering, data preparation and data management on behalf of its customers. Services include design, digital photography, page building, content management, e-commerce websites, cartography, mailing and fulfilment. Print capabilities span digital, sheet-fed and web. Software products, CMS and Agility, offer cataloguers more opportunities for smarter marketing strategies, improved sales and increased revenue.

About the Mancon 2201

Incorporating over 20 years of stretch wrapping expertise, the Mancon 2201 sets the industry standard for the fully automatic stretch wrapping of pallet loads. Capable of wrapping up to 100 pallets an hour, without topsheet, depending on wrapping pattern, the Mancon 2201 offers the following benefits:

Superior infrared seaming

Patented infrared technology gives high-speed, totally maintenance-free stretch film seaming and film cut off, without the need for wires or tapes.

Advanced controls

Siemens S7-200/300 PLCs, linked to a TP 27 operator interface gives a simple and reliable view of the stretch-wrapping cycle sequence and faultfinding.

Carbon composite ring construction

Weighing only 26kgs, the carbon composite ring construction provides rotation speeds of up to 45rpm.

Easy film roll change

Designed for ease of use, the manual roll change system features tilting film roll holder and pivoting gate system. Roll change takes less than one minute.

Splash proof mid-cycle

This process can be performed without stopping the film distributor rotation, enabling wrapping with a mid cycle top sheet at a rate of 80 pallet loads/ hour.

Auto film carriage changeover

Specifying the Mancon 2201 with two film cartridges with the semi-automatic film carriage changeover, provides the opportunity to increase machine uptime. Each film carriage is supplied with a film gripper where the film tail end is attached when changing the roll.

Power pre-stretch film control

Stretch film usage is minimised by the motorised power pre-stretch film distribution carriage, with the lay-on force being controlled by fast, responsive AC drive. The lay-on force can be varied throughout the film cycle guaranteeing maximum efficiency and perfect load containment.

Corner posts automatically applied

The option of fully automatic edge protection is also offered, for greater load security.

Quality assured

With ISO 9002 accreditation, M. J. Maillis UK offers its customers dedicated engineering support and a nationwide service network for tools and equipment, as well as a full technical support and information service. All machinery is supported by a comprehensive service package that includes trial and demonstration facilities, installation, commissioning and operator training.

As part of the internationally acclaimed M. J. Maillis Group of companies, M. J. Maillis UK is clearly focussed on meeting the needs of the increasingly complex “complete end-of-line” packaging solutions market.

The M. J. Maillis UK product range includes:

The highest quality semi-automatic and automatic strapping machines
Automatic polyester, polypropylene and steel pallet strapping systems
Standard and power pre-stretch, manual, semi-automatic and automatic stretch wrapping machines
Semi-automatic and automatic carton closure machines
Polypropylene, polyester and steel strapping
Cast and blown film stretch wrap
Carton sealing tape
Pneumatic and battery powered strapping hand tools and accessories

Ends...

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