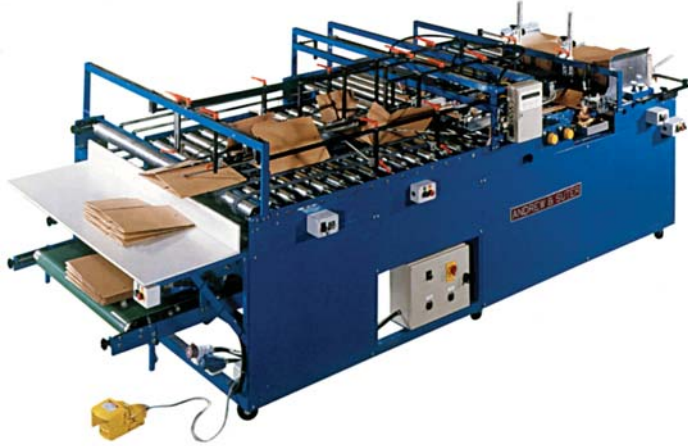


Product Profile

Andrew and Suter offers The MultiNova Gluer for Straight Line and Crash Lock Bottom Boxes



This MultiNova Gluer is a multi-purpose gluing machine which can handle carton board, F, E, B and C flute corrugated including doublewall straight line gluing. The machine can glue:

- Side seam cases and die cuts
- Crash Lock bottom (three point) boxes

Machine fitted with PVA cold glue wheel applicator for bottom L.H. glue flap. Plus electronic twin head top glue system:

- Pile feed with timed operation as required
- Machine can operate with one or two operators - normally two, depending upon style of boxes being run
- Machine compression section both fitted with variable speed drives. Compression section returns under machine
- Foot pedal and push button control
- Machine mounted on castors

★ ★ ★

The SuperNova Fully Automatic Multipoint Gluer

The SuperNova is the latest development from Andrew & Suter Limited and offers the user, no matter how small or large, with a high quality British built and designed multipoint gluer for a very competitive price.

The SuperNova is quick and simple to set and is fitted with all the necessary parts for producing Straight Line, Crashlock and 4 corner infold and outfold trays.

The SuperNova is fitted with a 5-gun Quma spray gluing system and incorporates the latest electronically controlled back fold system driven by servomotors.

This multipoint gluer is a compact machine and has been sold and installed in both corrugated and solid fibre board converting plants and offers the user a machine to suit most needs.

As Andrew and Suter Limited have a continuing production schedule for the SuperNova, they are able to offer prospective customers the chance of running trials with customers' own work at their factory, which has proved very popular.

For details visit: www.andrewsuter.co.uk



Wide Range of Glue Systems by Zator



The equipment is specially developed, with Italian technology to guarantee precision application of adhesives at high speeds. The range includes micro - processors, guns and pumps. Two types of microprocessor designed systems for control of electro magnetic and pneumatic glue guns. The MZ 04 model is ideal for two or four -gun systems. The MZ 08 is more commonly used with five or more. Both these models operate independent channels, allowing guns to be individually programmed to apply lines or dots of glue in different patterns.

DLK 22 electro magnetic glue gun applies dots or lines of adhesive at high speed. It can be fitted anywhere along the

folder gluer, is typically used in the manufacture of cartons. It is available with a short nozzle. It handles medium viscosity cold glue with a maximum pressure of 20 bar and a special micrometric knob that allows fine control of dot or line sizes, eliminating need for extra tools

A popular piston pump ZP124130 P model comprises a cold glue feed unit fitted on a plastic cover which makes it easy to transfer to a standard size glue bucket for clearing. A stainless steel fitter reduces the pulse effect of the pump and a pressure regulator maintains constant glue quantity at all speeds.

This equipment from Zator seems to be a right solution in terms of range, design reliability and cost.

For information contact:
Key Capital Equipment, Fax +44(0) 1793 84586

Nordson Modular Adhesive Systems

Nordson Corp. has developed modular adhesive system consoles to deliver portability and flexibility to Nordson hot-melt and liquid adhesive systems. Starting from two or three basic platforms, manufacturers choose from a wide variety of options to produce consoles tailored to their adhesive equipment. While designed specifically to establish a worldwide folding carton industry standard, Nordson adhesive system consoles have evolved into a solution for a wide range of industries other applications.



A basic base can be customized to accommodate Nordson equipment, including pumps, melters, guns and wire harnesses. Customer options include: adjustable feet or casters; fixed or pivotable control mounting; and short or long arms.

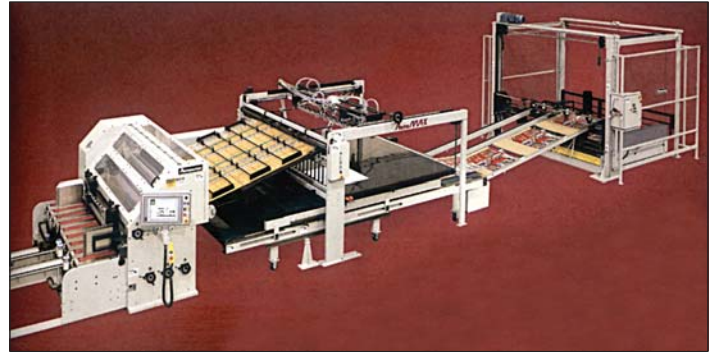
Nordson adhesive consoles can be specific to hot-melt or cold adhesive systems or a combination of both. Specific Nordson equipment supported by the consoles includes EPC-30 and LogiComm® pattern controls, as well as ProBlu®, tabletop DuraBlue® and AltaBlue™ TT melters.

The adhesive consoles can easily be repositioned on a production line, shared between lines or moved away from the production area altogether if needed. The modular nature allows adaptation as adhesive equipment or production lines change.

For information visit:
www.nordson.com

AutoMAX Labeling/Laminating System

The AutoMAX Labeling/Laminating System is the most versatile in the world. It has the ability to single face laminate, spot and full mount litho sheets to corrugated sheets, knocked-down boxes, and diecut sheets. The operator is able to accomplish quick setups with recipe job setup and also achieve precise registration (+/- 0.035" / 0.9 mm) over a broad range of substrates and labels at speeds up to 6,000 sheets per hour with a fully automatic machine.



A 15" full-featured touch screen computer, single face module, automatic corrugated upstacker up to 120" board, dual label/dual board, and heated water cleanup are all options available with the AutoMAX. The 15" full-featured touch screen computer has video playback capability and allows the operator to troubleshoot, review setups and assist in machine maintenance with the use of video clips displayed on main control panel. The single face module is easily inserted or removed from the machine and allows the boxmaker to have a "dual function" laminator for both labeling and single face laminating. This machine is designed with the user in mind.

For info, visit: www.automatan.com

RMM Corrugating Rolls – Superior to Chrome-plated Rolls

The corrugating rolls manufactured by Shanghai Dasong Corrugating Roll Industry Co., Ltd., China, are superior to chrome-plated rolls, claims the Company. They bring you 2-8% savings in paper. Their extended life span is 3-6 times longer than chrome rolls. Even thickness improves board quality and makes it stable and strong.

Also, since the rolls can be repaired and reground more times than the chrome-plated rolls, one can get the benefit of cost savings.

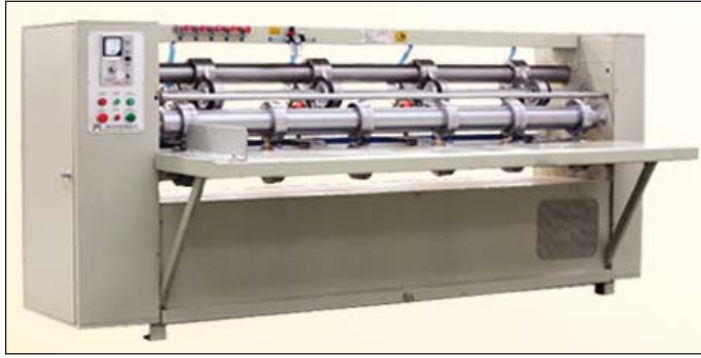


For more information:
E-mail: info@oneworldinc.in

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JASTU Thin-blade Slitter Scorer



This equipment is a very successful, economical replacement of the hitherto used Rotary Creasers. This machine is ideally used for creasing the height of the board and slitting it, as desired. Since this machine uses a single blade slitting system, the trims are perfect and clean, without any pressed edges. Full Board Thickness is visible from the trim edges. It has a patented On-line Grinding System which can be used to grind the blades, Online, whenever required. It also uses a 5-line Creasing System which gives clean creases/bends. This machine has a variable speed drive that can run up to 100 meters a minute. The size changeovers are very fast, as the measuring scale is ready mounted on the shafts, for convenience. The machine built is sturdy and very user friendly and over 50 such units have been installed all across India. This machine offers a size range from 1800 mm to 3000 mm with choice of Off Line, In-Line as well as NC Equipment, as per the requirement of the customer.

For more information: E-mail: info@oneworldinc.in

Schneider VCP-25 Vertical Case Packer

Schneider Packaging Equipment Co., Inc. specializes in packaging machinery such as case packers, palletizers, conveyors, and other "end-of-line" solutions. Located in Brewerton, NY, Schneider has earned a worldwide reputation for manufacturing superior quality equipment.



The Schneider VCP-25 Vertical Case Packer is ideal for gable top cartons, bottles, gallon jugs, margarine tubs, and more

It is perfect for providing a solution that offers the most gentle product handling available for a variety of products in many industries. The Vertical Case Packer can accommodate top- or bottom-load RSC and HSC cases.

Schneider Robotic Case Packing



Automate your end-of-line process with this robotic packer palletizer for the ultimate in flexibility for your packing needs.

Schneider's compact systems combine a case packer and a palletizer into a single cost effective solution. Cases are automatically erected, then loaded with product, sealed, labeled, and then palletized in one system cell.

Schneider Robotic Pick and Place Packing

Schneider Packaging Equipment specializes in integrating robotic arms with Schneider end-of-arm tooling (EOAT) and other Schneider components required to provide a complete and integrated packing solution for your needs.

For more info, visit:
www.schneiderequip.com

CEMA – High Speed, In-line, Squaring, Bundling and Strapping Machines

CEMA is one of the world's leading manufacturer of high speed, in-line, squaring, bundling and strapping machines which work behind Flexo Folder Gluing (FFG's) machines.

For specific product application requirements, CEMA has developed a complete technical solution and total world-wide service and customer support. CEMA's global activities are supported by a dedicated network of strategic partners, distributors and representatives in all appropriate markets around the world.

More than 1000 ISB In-line Squaring Bundlers are now in operation in more than 60 countries, in all continents and are being used by the leading producers of corrugated boxes.

The ISB Mono is equipped with a single strapping head. Stacks are squared and strapped with the flute in a single operation and the strap can be placed in any position within the working range.



ISB Mono is available in four model sizes and can handle stacks from 170 mm to 1800 mm wide.

CEMA can supply the ISB Mono to suit customer's specific requirements.

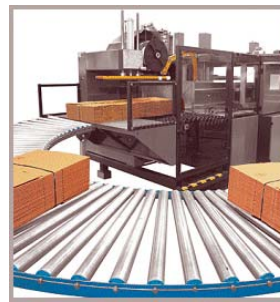


The ISB Twin operates with a two head strapping system and offers the ultimate in operational flexibility, efficiency.

Stacks are squared and strapped with the flute in a single motion, but with the ISB Twin, there is a choice to apply a single or twin parallel straps in any position within the working range. For maximum productivity and availability, the ISB Twin can be used in a single application with the second head on 'hot standby' for use as a spare. Both heads are identical.

The ISB Twin is available in three models to handle stacks from 170 mm to 1800 mm wide. As with all ISB's, the Twin can be supplied with a range of options and to a specification to suit specific customer requirements.

Squaring the Stacks



By squaring the stacks, a higher standard of pack quality is achieved which is ideal for load forming, especially where fully automatic palletising equipment is in use. Irregular bundles which interrupt the palletising process due to positioning problems are eliminated.

Perfect squaring minimises damage as there are no edges standing proud of the pack.

Strapping Parallel with the Flute

Strapping with the flute has several advantages:

Usually, the length of the pack is shorter than the width, which means less strapping material is used, reducing consumable costs and improving machine availability, as fewer coil changes are required.

With ISB, the strap can be precisely positioned on the glue line, enabling the strap to support the glue during the drying process.

Strap tension, narrow strapping material or low corrugated quality could affect the quality of the box. Strapping across the flute does not damage the sides of the box body. This is because with the flute the straps are applied around the flaps of the box.

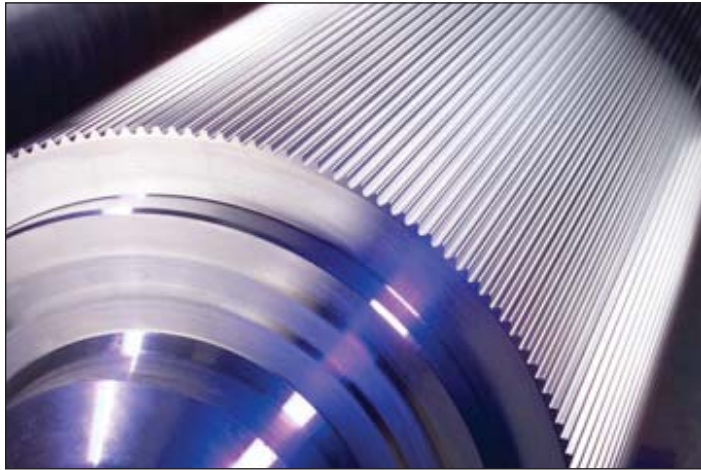
Strapping with the flute provides square well presented packs. 'Footballing' does not occur which results in tight, secure packs that are visually superior looking and easy to unitise. Additionally strapped loads can be transported around the plant easily without additional strap securement, saving a great deal of time and cost. Due to their tight, square profile, bundles can be securely transported by conveyor, without the risks associated with unstable packs and upon shipping to customers, the arrival condition and presentation is far superior.

For details, visit: www.strap-with-the-flute.com

FRIESE – The Specialist for Corrugating Rolls

They are highly reputed world-wide as a specialist in the area of corrugating rolls.

Continuity and innovation are not incompatibles for them. Always maintain high quality and reliability in engineering, service and training. At the same time their technical innovations lead the industry. The company is continuously engaged in the research for know-how and creativity.



FRIESE GmbH & Co. KG production capacity is 400 sets of corrugating rolls per year. They are certified to DIN ISO 9001 standard.

Since the beginning, they have influenced the development of corrugating rolls technology with revolutionary technical innovations like the introduction of Tungsten Carbide Coating in Europe.

They are always looking for new ways of technological innovation and development of our products. Their success always drives them forward.

You will find partners and agents of FRIESE on all 5 continents. They help you, wherever you are.

For more details, visit: www.friese-rockwelle.de

EmbaSealTak Deferred-Use Packaging Value-added Marketing Opportunities for Corrugated Box and Folding Carton Manufacturers

SealTak produces deferred-use packaging products using pressure-sensitive adhesive and a release liner. Applied during the converting process on the folder-gluer, the molten hot-melt adhesive is deposited evenly onto the substrate surface, producing a far superior bond than adhesive transfer tape systems. By eliminating the need for tape roll changes, SealTak significantly increases production and reduces downtime. Material costs are also reduced up to 40 per cent and more.

Simply stated, SealTak costs less, performs better, and is much more efficient than double-sided pressure-sensitive tapes. The expensive process of applying specialty pressure-sensitive transfer tapes is eliminated. The Valco system precisely deposits a pressure sensitive hot-melt glue pattern in length, width and volume directly on the converted product as it is fed through the folder. A release liner is fed through the Accumulator to the liner applicator head and deposited on the adhesive just downstream from the gluing area..

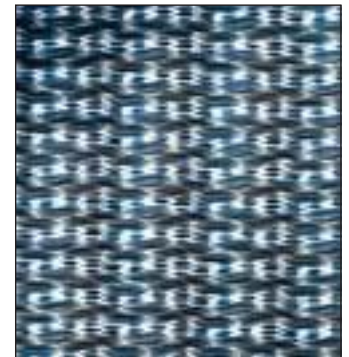


For information visit:
www.emba.com

Corrugated Belts

AQUA ULTRA

The AQUA ULTRA corrugator belt was developed to produce flat boards on corrugating machines running at significantly higher speeds. The open weave structure facilitates steam evaporation through the belt. The belt, however, absorbs sufficient steam, so that the moisture content of the board is evened out. This gives particularly good, flat results when producing micro-flute board. The rapid drying of the board enables a significant increase in production speeds.



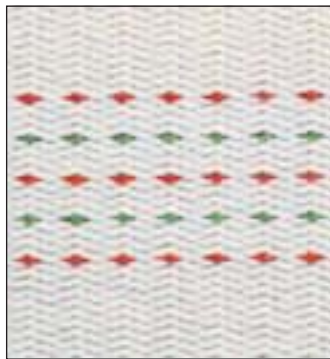
The excellent features of AQUA PULL range of belts have been integrated into the AQUA ULTRA, giving the belt outstanding board transportation properties, excellent horizontal stiffness and edge stability. The belt runs straight and true. Its good energy absorption characteristics reduce the energy requirement. Belt wear is minimal. The AQUA ULTRA can also be supplied with a reinforced edge incorporating aramid fibres. This reduces wear even further. The service life of an AQUA ULTRA belt is outstanding.

Corrugator belts are made from multi-layer fabric with special high-tenacity yarns and a coating to improve grip.

AQUA PULL S

AQUA PULL S corrugator belts have been specially developed for use on double facer corrugating machines. Their main function is the transport of board and optimisation of the drying process. High stress factors such as temperature, pressure loads, friction, tensile loads and moisture all affect the belt.

AQUA PULL S belts are so produced that they will resist this stress continuously and achieve as long a life as possible. The patented weave structure of AQUA PULL S has the necessary flexibility for smooth operation in the double facer system. The high mass per unit area of the fabric provides increased stiffness and uniform distribution of the contact pressure, independent of the type of system used. This, in turn, guarantees correct gluing and fast drying of the board. The use of high-quality PES-fibres enable the belt to shed very rapidly the moisture absorbed.



AQUA PULL AE

In corrugators, high production speeds, flat-surface pressure systems and frequent changes of paper width all increase the loads on the edges of the corrugator belt. Up to 40% higher temperature and increased wear due to the belt running over heating plates and shoes are not uncommon. In order to cope with this additional wear a protective

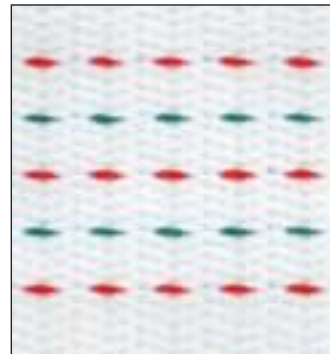


layer of aramid fibres is firmly woven in to reinforce the surface of the belt.

Due to the weave structure the reinforcement is an integral part of the belt and does not adversely affect either the running characteristics or the moisture regulating properties of the belt. Reinforced edges of various widths may be specified, enabling customers to cater for their own specific needs and equipment.

MAX PULL

The MAX PULL corrugator belt ensures smooth transport of board in semi-beltless systems. Contact between belt and board does not occur until after the heating plates and despite a much reduced contact surface the belt has to achieve the same traction as with a normal double-facer. More than three tonnes of tractive effort can be achieved. The fabric used is the tried and tested AQUA PULL S, which has much higher grip thanks to a special coating on the paper side. The coating itself is abrasion and temperature resistant and allows trouble-free operation.



For details visit:
www.muehlen-sohn.de

Emba 245 QS Ultima



The fully integrated servo platform and modular design of the EMBA 245 QS Ultima™ offers outstanding capacity and flexibility. Fast and cost-efficient, the EMBA 245 QS Ultima™ can produce all types of boxes, from the simplest brown box to the highest quality printing and most complex die-cut formats. The EMBA Operator Interface provides comprehensive control throughout the entire converting process, offering optional interfacing with auxiliary equipment, from pre-feeder to bundling machine and palletiser.

From the high-speed non-crush Ultima Feeder™ to the efficient Counter-Stacker unit, the EMBA 245 QS Ultima™ is optimised for consistent high productivity. High paper

utilisation, low energy consumption, extreme reliability, minimal waste generation and self-diagnostic capability make it exceptionally cost efficient. And the EMBA Comfort program is your assurance that the EMBA 245 QS Ultima™ will continue to be an excellent investment, throughout its entire life cycle.

EMBA's true patented Non-Crush Converting™ technology preserves the geometry and strength of the corrugated profile for optimum box performance and significant savings in material costs.

For information visit: www.emba.com