

Signode Corrugated Industry Systems Solutions

Automatic and semi-automatic systems for integrated, sheet and converter corrugated plants

Automatic and semi-automatic systems for optimum load wrapping solutions

ISB-2 the number one inline squarer and bundle strapper - up to 35 bundles/minute



GCU Compression strapping using the unique modular MH strapping heads

LBX strapping machine systems for efficient bundle, box & carton closure with 5mm strap

Signode has a wide range of products suitable for the changing world of the global corrugated industry. The extensive range of machines both semi-automatic and fully automatic can be equipped with suitable options to solve most customers' challenges for efficient and high speed palletized strapping operations. The GCU strapping machines can accommodate the various products processed in a wide range of plants as can the range of Octopus pallet stretch wrapping machines.

Providing a wide range of solutions to suit the needs of the Corrugated Production and Processing Industry segments

For strapping pallet loads the GCU 2500 compression strapping station range can apply parallel or cross straps to secure products for shipment. The modular MH range features light-weight easy to handle modules which can be easily changed for servicing in a few minutes to ensure optimum machine uptime and global packaging line efficiency. The modular machine can apply 9-12 mm Tenax[®] Polyester PET strapping at high tension to the palletised loads. Options include top edge-protection applicators and bottom sheet inserters.

The Octopus stretch wrapping range uses the unique wrapping method of the high-speed ring wrapping technology for on line pallet wrapping operations of palletised corrugated sheet or bundled cartons. The machine can easily be integrated into existing or new conveyor packaging line operations and can handle a wide range of pallet loads. The machine is an ideal solution for standard pallet loads with a production capacity up to 120 pallets/hour depending on machine model, load size, load strapping pattern and conveyor speed etc.

SIGNODE[®]

Corrugated Industry Solutions

Semi and Fully Automatic

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GCU 2500 Compression Strapping Station for palletized loads



A Signode GCU 2500 compression machine in operation strapping palletized corrugated products. The integrated machine turntable enables loads to also be cross-strapped. Depending on the type of product the loads can be compressed before strapping with compression levels of up to 25.000 N. The press uses as standard 9mm Tenax®



The unique strapping dispensers with auto strap feed to the MH head from outside the guarded area for more machine uptime and improved operator safety

Simple to use and intuitive operator panel with HMI to adjust all the machine parameters on the TFT Display



The GCU 2500 press can strap pallets and pallet-less loads for high throughputs, and ensures high machine uptime. The press has 30 standard strap programmes. The new HMI system enables operators to change strap programmes and basic unit parameters from the panel without the need for service or maintenance personnel. The modular heads are easy to remove for preventative equipment servicing.



MHC modular heads enable easy preventative strapping head maintenance for customers. On-line replacement of the modules can be done in minutes without any tools being required, for maximum machine productivity.

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Modular design Inline and bundle strapping equipment

ISB single or twin models to suit all makes and speeds of today's & tomorrows Flexofolder and Casemaker



Octopus 2800 BFTS located on a high throughput packaging line easily wrapping up to 80 loads per hour

Twin headed ISB-2 inline squaring and strapping with 5mm PP strap , up to 35 bundles/minute - every minute

Reliability is the key to the success of the ISB in the industry. The new model with smaller footprint take into account the growth in the length of the casemakers. With a reputation for low maintenance and minimal wearing parts the ISB as a single strap, single pusher mono model or fully fledged twin model the ISB range delivers the productivity potential in the casemaker.

The Octopus ring wrapper has a global reputation for high reliability and lowest cost of ownership in its class. Equipped with a range of options, such as top sheet applicator, auto reel exchange and Logowrap systems the Octopus is a world leader for very efficient and also economic pallet load wrapping systems



The LBX 2300-2330 range of both semi- and fully-automatic machines is available in a range of strap chute sizes to suit most customers needs. The machine with a minimum of moving parts and wearing parts of high durability make it easy to use, easy to service and is ideal for on and off-line bundle strapping operations. The easy strap path access, auto strap feed and re-feed with no-jam technology, enables any operator to clear a strap jam should it occur. Strap loading is at the press of a button for maximum operator comfort. A wide list of machine options enable the LBX to satisfy most if not all customers bundling needs with economic 5mm PP strap.

High speed inline bundle strapping with ISB, small carton bundling with LBX units, mainline heavy-duty GCU 2500 compression strapping stations and Octopus pallet wrappers - Signode has the full packaging systems solution

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End of line bundling equipment and load strapping and handling

High speed machines for end-of-line packaging for pallet compression, strapping and wrapping of up to 120 pallet loads an hour, these machines offer the lowest cost of ownership coupled with ease of use. Simple easy to use battery powered BXT-2 tools for pallet load re-strapping or low throughput packaging lines are also part of the Signode system.

All Corrugated plants, processing centres and their warehousing locations rely on same-day or j.i.t./overnight deliveries. This means the end-of-line packaging equipment has to perform to ensure high productivity levels. The GCU 2500 press with MH modular heads which have a unique jam resistant technology, self-clearing systems, auto strap feed up and a minimum of moving parts, make them the best choice for the critical pallet strapping lines in any plant.

In most applications the GCU compression strapping station applies industry standard 9 mm PET Tenax® strapping with applied strap tension levels of up to 900 N and up to 25.000N load compression. This ensures all the pallet loads are very secure and can be easily handled, stored, stacked and shipped to customers without damages occurring. Pallet load wrapping systems for product protection can also be supplied as a turnkey solution.



A Signode supplied packaging line composed of GCU 2500 corrugated compression machine, pallet handling system Octopus 2800 wrapping machine and complete machine guarding system including a light guard system.

Corrugated plants with high productivity require fast, efficient and reliable, bundle squaring, and on or off-line efficient strapping units. The pallet load compression, strapping and wrappings systems are critical in the plant – all are available from Signode which designs and builds all its own equipment to suit end-users needs for today and tomorrow.

The LBX range for 5mm economic PP strapping is ideal for product bundling. For certain applications depending on the product to be strapping the Signode HBX machine for 9-12mm PP strapping can also be used.

In order to ensure high levels of machine uptime and productivity Signode service also offers customers machine operator and service training for customer personnel but also annual service and maintenance contracts. The contracts are designed to suit each individual customers installed machine base needs for regular machine service and repair, to keep delivering production machine productivity.



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