

Signode Logistics Systems Solutions

Automatic and semi-automatic systems for Distribution and Logistics Centres

Automatic and semi-automatic systems for varied wrapping solutions

PPS - Power-Pre-Stretch systems for economical pallet load wrapping



MH range for maximum shipping area flexibility & throughput at minimum cost

MH Modular strapping systems for box and carton closure and pallet strapping

Signode has a wide range of products suitable for the changing world of global logistics. The extensive range of machines, both semi-automatic and fully automatic, can be equipped with suitable options to solve most customers' logistics challenges for efficient and high speed operations. The strapping machines for tote boxes, boxes, trolleys and pallets and also load stretch-wrapping machines can accommodate the various products processed in a wide range of Distribution and Logistics centres.

Providing an extensive range of solutions for Logistic centres & service Providers

The Octopus stretch wrapping range uses the unique wrapping method of the high-speed ring wrapping technology for on line pallet wrapping operations. It can easily be integrated into existing or new conveyor packaging line operations and can handle a wide range of pallet loads.

It is possible to equip the Octopus with a wide range of machine options to suit most customer applications. The machine is an ideal solution for unstable pallet loads with a production capacity up to 120 pallets/hour depending on machine model, pallet load size, wrapping programme and conveyor speed etc.

For strapping pallet loads the MH modular range can apply vertical and horizontal straps to secure the 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.

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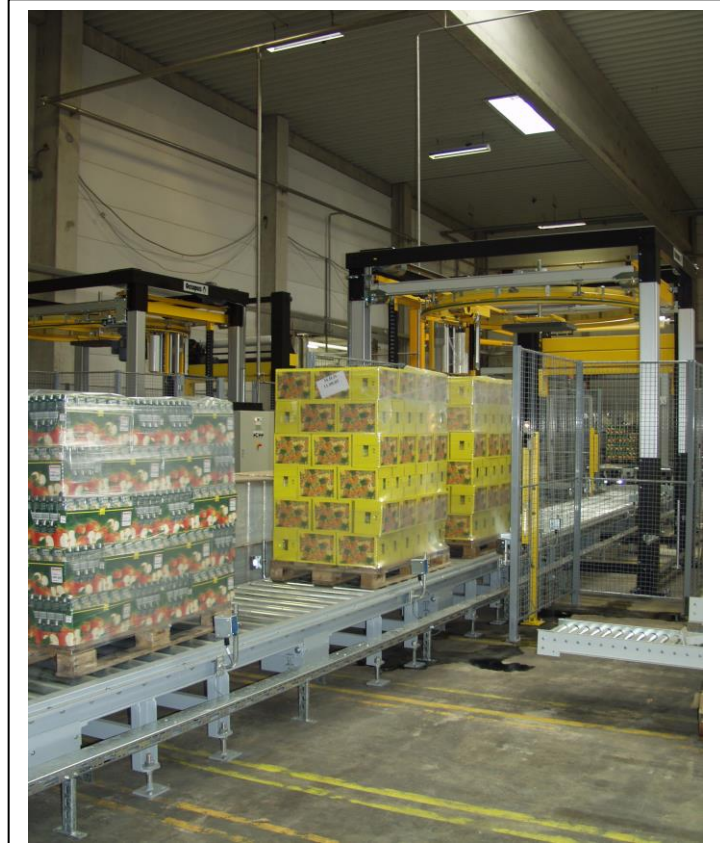
SOLUTIONS

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Automatic machines for palletised loads



A Signode MH-H in operation in a frozen food storage and distribution centre. The unit here applies up to six straps to the loads depending upon the box dimensions. In order to accommodate a vast range of pallet loads the MH-H can apply up to eight straps per load from one of the eight standard, fully variable strapping programmes



Octopus machines wrapping loads at a major food distribution centre



Variable, irregular and unstable loads being wrapped by a semi-automatic Cobra manually controlled crank-arm trolley wrapper. The small footprint of the crank-arm in park position enables easy fork truck access and with no turntable for wrapping no damage can be made to the equipment during the load handling operations,.

Semi-automatic Cobra III load wrapper uses minimal floor space in the warehouse



MH-VRB strapping shipping crates for world-wide shipment in an automotive spare parts warehouse

The MH-VRB side-mounted head model is able to strap pallets, crates and returnable cages for high throughputs, and ensures high machine uptime. The modular heads are easy to remove for preventative equipment servicing. Should a problem occur the operator can easily change the module in minutes by removing the quick-release power cable and removing and replacing any module.

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Modular design strapping and wrapping equipment

Cobra III machine for light-weight, irregular or very heavy loads - a simple semi-automatic solution



Dairy Crate strapping application with an MH-H



MH-H strapping crates for shipment in a dairy with 9mm PET strapping. An SBM 2330 strapping totes with 5mm PP in a pharmaceutical distribution centre



Horizontal and vertical Dolly MH strapping equipment at a FMCG Distribution centre

The flexibility of the MH-H and MH-V modular system enables the units to easily strap standard but also unstable, irregular-shaped dolly loads at high speeds for fast, economic packaging in today's and also tomorrows fully automatic warehouse and logistic distribution

Whether securing palletized loads of crated or boxed products or ensuring life-saving pharmaceuticals are securely packaged in tote boxes for immediate distribution, Signode has a range of standard machine suitable for strapping most customer products. For high value products special printed security strapping can be provided for box and tote closure to prevent pilferage. For palletized loads of high-value clothing or electronics goods the products can be secured with a special opaque safety film for tamper-evident stretch wrapping. Customer-unique Logowrap™ film can also be utilised.



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Crate, box and tote box strapping operations

High speed machines for production end-of-line packaging for carton closure, box security strapping and for photocopy paper carton closure offering the lowest cost of ownership coupled with ease of use

All Distribution and order processing centres for warehousing locations rely on same-day or overnight deliveries. This means the end of line packaging equipment has to perform to ensure products leave the warehouse on time. The SBM 2000 series 5 mm wide strap and SBM 4000 series for HBX 9-12 mm machines with their unique jam-resistant technology, auto strap feed up and a minimum of moving parts make them very reliable for all high-speed packaging applications.

In some applications for catalogue order centres few service or maintenance personnel are available. Here the SBM machines range with an intuitive machine problem solving system, plus photocopier-easy-access enables line operators to resolve any machine issues should they occur.

Signode also offers a range of annual service contracts for preventative machine maintenance to suit each customer's needs and equipment throughput levels.



Paper Mill high productivity line with a SBM 4330 9mm strapping machine for A4 carton closure. Pallet load strapping and wrapping systems with end of line handling solutions can also be supplied.

Consistently applied high strap tension to boxed photocopy paper enables the stable boxes to be automatically palletized for strapping and wrapping.

The SBM 4330 strapping machine features variable speed conveyor and load compression bar is in this application located directly behind the case erector and photocopy pack inserter unit. The easy access to the machine and reduction in the number of moving parts ensures maximum machine reliability and uptime. The workload on the single line operator is thus significantly reduced compared to other machines in use. The SBM can use 9mm to 12mm wide economical, high-performance PP polypropylene strapping and is suitable for many bundling applications across industry



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