

Octopus 1800-2300 B-BFTS Range

Automatic wrapping machine for up to 120 pallet loads per hour

Power-Pre-Stretch-System
for film wrapped pallet loads

for maximum flexibility



Modular Octopus Concept

for maximum flexibility

The Octopus is supplied with a standard machine guarding package, shown also are the optional machine wrapping conveyor, film top-sheet applicator and load stabilizer units.. A complete handling system can be also supplied with the machine or the Octopus can be integrated into an existing customer or OEM handling system. Machine shown is without safety guarding for illustration purposes only,

Features and Benefits

The Octopus 1800-2300 B-BFTS 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. The machine is equipped with an automatic film tail-welding system, which secures the film tail to the previous film layer at the end of the wrapping cycle. Options include top sheet application unit with automatic load measurement, pallet load stabilizer unit and a frequency controlled wrapping ring for very high speed wrapping and load throughput.

The OCTOPUS series is supported by the Signode in Europe. Consumables, service and spare parts are readily available please contact your local SIGNODE partner.

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Octopus 1800-2300 B-BFTS

Automatic wrapping machine for palletized loads



Power Pre-stretch for up to 300% with easy film loading system

The Signode Sensorstretch® Power Pre-stretch system with motorized rollers can elongate the film up to 300% before application to the load for max. load-to-pallet holding efficiency. The unit is highly economical to provide customers with reduced cost per load to wrap their palletized goods for shipment. Film loading is very easy with the easy-load system which eliminates the time-consuming need to thread film around the rollers

Logistic Centre Octopus pallet packaging lines



Variable, irregular and unstable loads being wrapped by an Octopus in a Logistics Distribution centre. The loads with or without a top sheet are then fully protected and ready for shipment to end user locations.

Octopus can easily wrap irregular and unstable loads without any problems

RCS Automatic film roll change unit for maximum machine productivity



The RCSII model has two rolls of stretch film ready for automatic roll exchange. For high throughputs, it ensures high machine uptime without the need to manually change film rolls. The RCS can have up to 4 film rolls

Octopus 1800-2300 B-BFTS

Modular design with a wide range of machine options

Film Tail clamping and sealing unit



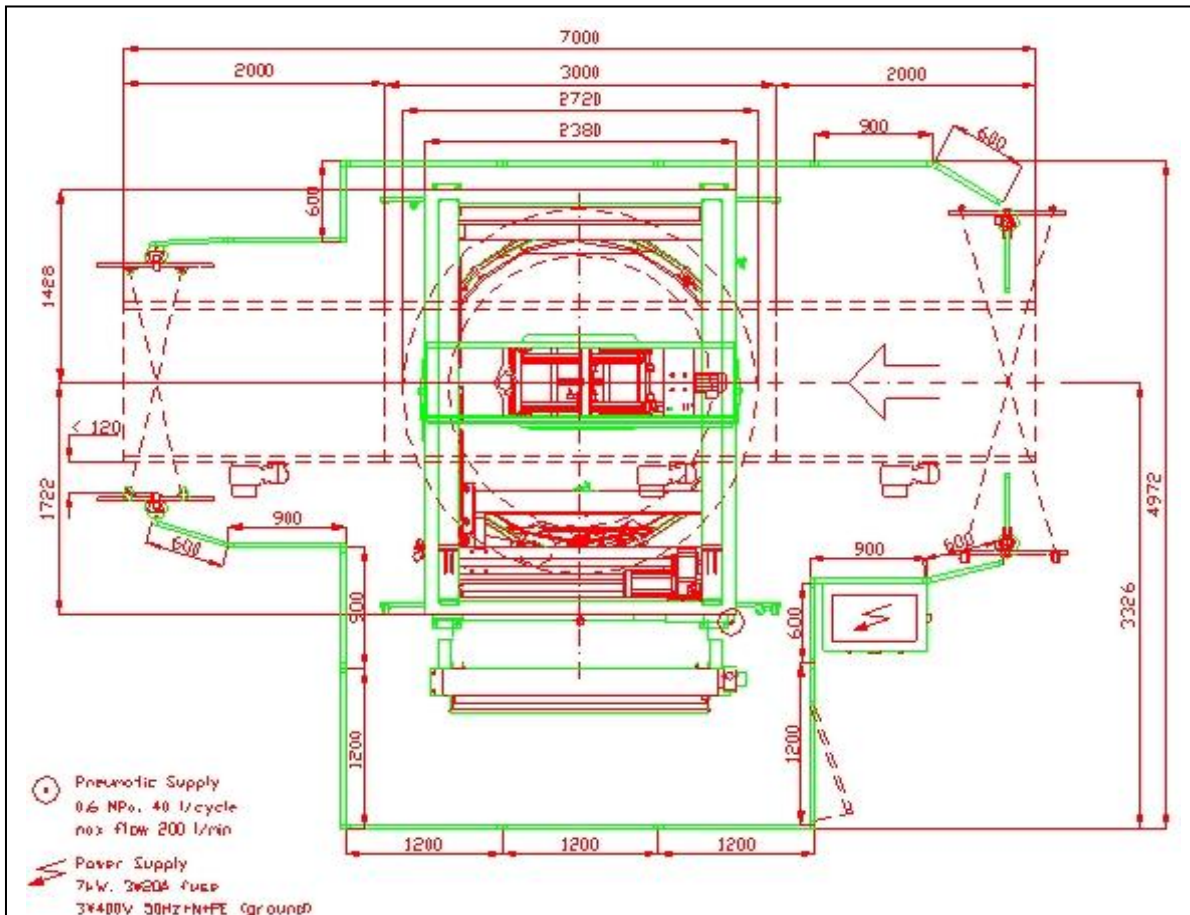
Film tail end-sealing unit secures the film end to the underlying film layer and not to the product. The sealed film tail cannot open, get caught or damaged.



Octopus located in a high density storage warehouse for just-in-time load wrapping

The flexibility of the Octopus system enables it to easily wrap standard but also unstable, irregular-shaped loads at high speeds for fast, economic packaging in today's and also tomorrow's fully automatic warehouse and logistic distribution systems.

Machine Layout Drawing



Dimensions on drawing are for the Octopus 1800 BFTS Model. Other machine dimensions available on request

Octopus 1800-2300 B-BFTS

Automatic ring wrapping machine for palletized loads

Technical Data

| | | | |
|---------------------------|--|---------------------------------|--|
| Capacity: | Up to 120 pallets per hour depending on wrapping programme selected, pallet load height and the machine conveyor speed | | |
| Pallet Load dimensions: | Length x Width | 1.200 x 800 or 1.400 x 1.000 mm | |
| | Height: | 2.500 mm | |
| Pallet diagonal | 1.800 mm maximum. | | |
| Transport Dimensions | | | |
| 1800 B/BF | 3.400 x 2.470 x 2.860 mm (L x W x H) | 1.450 kg | |
| 1800 BTS/BFTS | 3.700 x 2.470 x 2.860 mm | 1.550 kg | |
| 2300 B/BF | 4.000 x 2.990 x 2.900 mm | 1.700 kg | |
| 2300 BTS/BFTS | 4.400 x 2.990 x 2.900 mm | 1.800 kg | |
| Film reel width | 500 mm | | |
| Reel diameter | 260 mm max. | | |
| Core diameter | 76 mm | | |
| Film thickness | 12 – 30 µm | | |
| Top sheet width | 1.800 mm max (1800 model) or 2300 mm max (2300 model) | | |
| Top sheet roll dia. | 300 mm max. | | |
| Ring Speed: | 23 rpm as standard. Up to 44 rpm with frequency control | | |
| Electrical Specifications | | | |
| Power Requirement | 5.0 kVA | | |
| Voltage | 3 x 400 V, AC, 50 Hz | | |
| Control Voltage | 24 V DC | | |
| Compressed Air | 0,6 Mpa, max. 9,1 litre/cyclers | | |
| Noise level | <74dB(A) | | |

Options available for the Octopus B – BFTS Range

Electrically powered pallet load stabilizer and top sheet blow-down unit

Top sheet reel lifter for the top sheet rolls up to 300 mm diameter max. and 1.800 mm widths

Double top sheet unit with automatic roll selection by integrated product/pallet size measurement unit

Stretch film roll reel end alarm

Automatic stretch film roll changer device with from two to four stretch film rolls on standby in the RCS unit

Automatic vertical pallet four corner edge-protection applicator units integrated into the Octopus unit

Roller Conveyor sections or chain conveyor sections as part of a product load handling system

Separate Logowrap® film carriage for printed stretch film application onto products for company logo and/or advertising

Stretch film roping device fixed to film carriage for greater product to pallet load retention

The company reserves the right to make technical changes without prior notification



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