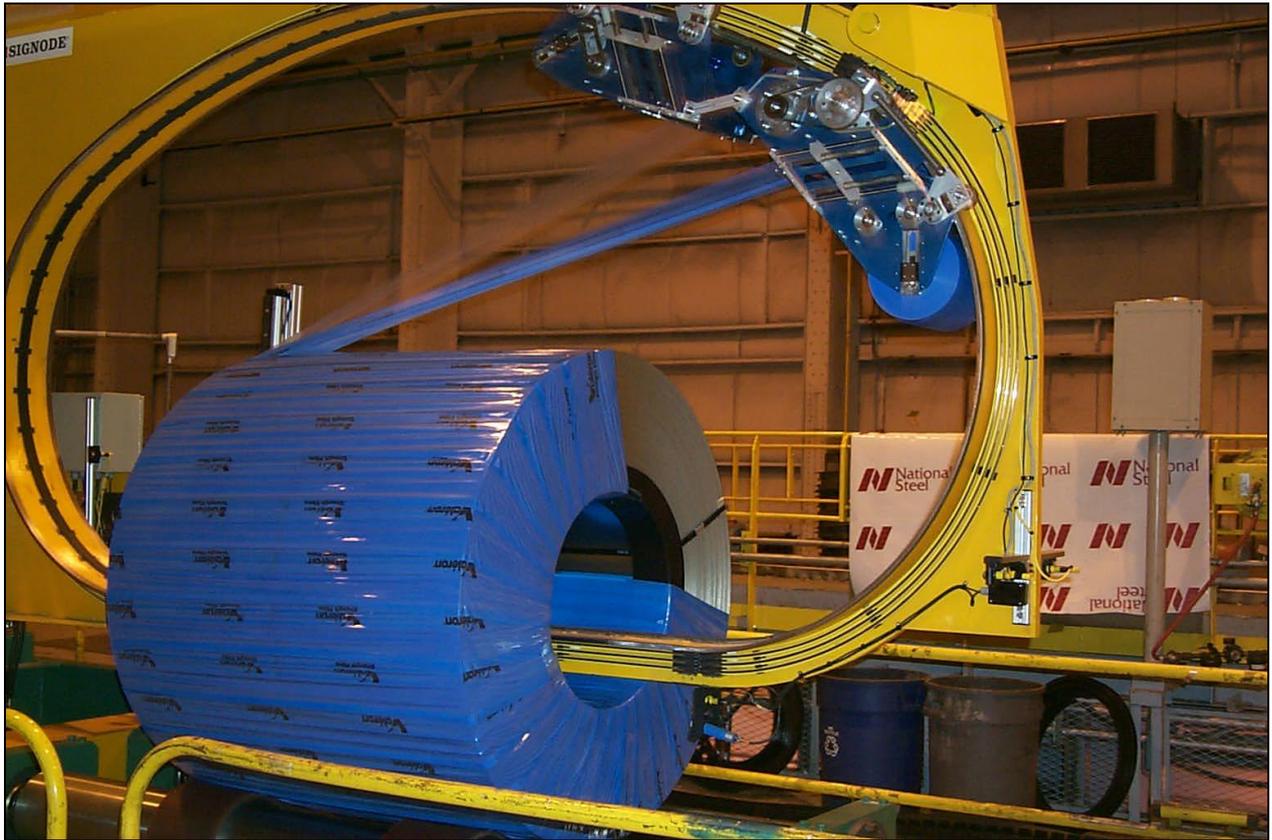


COILMASTER® MK 1 COIL STRETCHWRAPPER



Designed for high performance through-the-eye wrapping of coils for the metals industry, the Coilmaster is available in a number of versions to suit most customers wrapping needs. The high speed carriage and the coil rotation in the machine determine the wrapping efficiency and coil protection levels. Shown here is the main film wrapping shuttle with a second film type application trailer unit applying the outer film wrap.



The powered film shuttle can apply a range of corrosion inhibiting films to the coils as well as protective films, strength films and also woven wrapping if needed. Depending on the options selected the machine is also able to apply coil outer edge plastic edge-protection automatically during the wrapping process. A highly flexible packaging systems solution from Signode.

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The Signode Coilmaster MK1 has been designed as a stand-alone, modular unit with a range of machine options to suit most customer needs and is designed to take into account the metal and non-ferrous steel industries current and future needs for coil product protection and wrapping needs and for:

- High production throughputs - in continuous production for sheet coil wrapping operations
- Maximum machine up-time - with Signode's range of heavy duty protective wrapping and VCI films
- Flexibility with option modules - creates a system to suit most customers plant layouts and needs
- Improved package protection - coils can easily be packaged, handled stored and shipped after wrapping
- Lower cost of ownership - easy service & low levels of maintenance of the unit and film shuttle required

For coil wrapping integrated blocker rollers rotate the coil, the speed of rotation, film carriage speed and the film width used determine the level of the film usage and overlap to produce a fully cocoon wrapped coil, where most of the air has been eliminated from the coil reducing the possibility of corrosion or water spots.

Coilmaster Options

- Machine indexing on floor or fixed model depending on customer layout
- Automatic Coil outer edge protection applicators
- Twin shuttle option to apply different film types simultaneously
- Automatic film shuttle exchange unit
- Label applicator magazine and printer systems integration
- Additional Coil Scan system to measure coils and track obstructions
- Machine Safety Guarding Package
- Other PLC Control systems

Machine Technical Specifications

- | | |
|--------------------|------------------------------|
| • Coil Diameter | 700 mm – 2.500 mm |
| • Coil Width | 3:1 ratio to coil diameter |
| • Coil Bore | 508 mm for shuttle |
| • Shuttle speed | Variable up to 3,8m/s |
| • Shuttle drive | Electrical rack & pinion |
| • Film Width | 250 mm |
| • Film roll dia. | 240 mm max. |
| • Film roll length | 760m with 50 µ film |
| • Controller | Siemens S7-300 |
| • El. Connection | 400V 3Ph 50Hz |
| • Control Voltage | 24 V DC |
| • Consumption | up to 10 kVA
100 NI/cycle |
| • Machine weight | 6.000 kg approx. |



The Coilmaster MK 1 is the simplest version where the coil is delivered to the machine by crane or forklift for wrapping. As well as standard stretch and VCI films, strength films can also be applied to the coil. Edge-protection made from plastic or paper can be applied to the coil outer edge and bore during the main wrapping operations.