

# M410-CH3-A Circumferential Strapping Machine



M410 CH3A here loacted on the exit of the rolling mill on a high speed, high throughput steel strapping application. The CH3A is designed to apply steel strapping to varying coil sizes & coil widths produced on the mill, to hot coils with coil surface temperatures of up to 750°C.



The M410 CH3A circumferential steel strapping machine can be equipped with a seal, seal less and also a spot weld version of the M410 steel strapping head for hot strip mill operations depending upon customer choice and application.

# M410-CH3-A Circumferential Strapping Machine

The Signode CH3 A circumferential coil strapping machine has been designed as a modular unit with a range of machine options to suit most customer needs and is designed to take into account the steel industry's current and future needs in hot coil rolling mill operations for:

- High production throughputs in continuous hot rolling coil production operations
- Maximum machine up-time with Signode's 19-32mm steel strap head technology
- Increased flexibility with option modules – creates a system to suit most customers needs
- Improved package stability- high consistent applied and retained strap tension onto hot coils
- Lower cost of ownership with easy service & maintenance

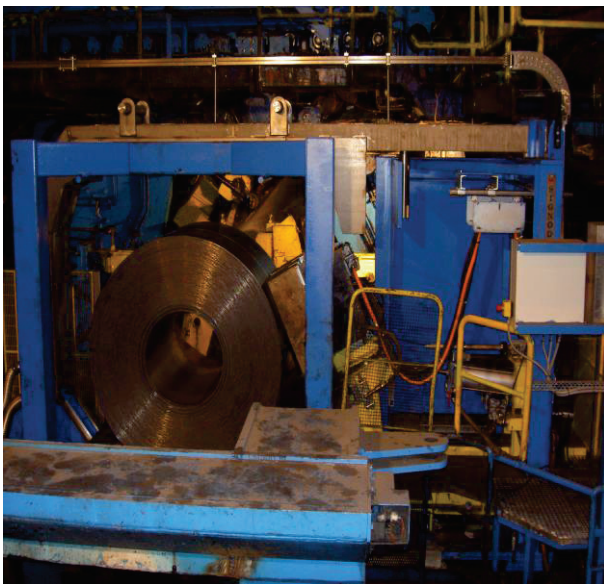
The CH3 A machine is prepared as standard with all pneumatic and electrical indexing drives. The standard steel strapping head is the M410 spot-weld head. The strapping head is side-mounted for optimum strap tension transmission and retained strap tension around the hot rolled coils.

## CH3 A Machine Options

- Fixed machine version or indexing model with up to 9 circumferential strap positions
- Top mounted head version available
- Additional machine heat protection units
- Additional machine air conditioning unit
- Additional air cooling fan packages
- Superjumbo coil strap dispenser
- Strap coil loading crane manual/electrical
- Machine Safety Guarding Package
- Other PLC Control systems

## Technical Specifications

- Coil Diameter 500 mm -2.500mm
- Coil Width 200 mm -2.000mm
- Coil temperature Max. 800 C
- Head Stroke Pneumatic
- Strap Feed speed 2,1 m/sec - depending on model selected
- Strap Tension up to 20.000 N
- Strap Joint strength up to 90 %
- Strap Dimensions 19 – 32 mm Steel
- Strap Dispenser 450 kg coils
- Controller Siemens S7-300
- El. Connection 400V 3Ph 50Hz
- Control Voltage 24 V DC
- Consumption up to 40KVA (weld)  
1.200 L/cycle (M410)
- Machine weight 3-4.000 kg approx



The CH3 A model can be also supplied to suit most customer rolling mill locations and coil mandrel layouts for new line builds or as a suitable retrofit to an existing rolling line.

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

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