



COIL COMPACTOR FOR CONSISTENT COILS AND RELIABLE OPERATION

Horizontal or vertical compactors use powerful hydraulic cylinders to compact and bundle coils that are produced in wire rod or bar in coil production lines before storage and shipping. The system can be used for both in-line and off-line applications.

Horizontal coil compactors typically interface with horizontal hook carrier systems and are interchangeable with wire binding or strapping. The vertical compactors offer a new design to enable compaction, wire tying or strapping on a vertical stem pallet. Independently driven binding or strapping machines traverse to feed, stretch and fix the wire or strap to bind the coil.

FIELD OF APPLICATION

Long rolling mills

MAIN BENEFITS

Our horizontal coil compactors have a well-proven design with more than 150 references worldwide. The simple yet sturdy design ensures well-compacted coils and reliable operation in any wire or bar mill's coil rolling process. The standardized design also allows the use of either wire binding or strapping heads.

The unique design of our vertical compactors provides uniform press force distributed throughout the coil. It compacts the coil in a smooth vertical motion that eliminates disturbance to the coil package and prevents ring damage.

Both horizontal and vertical compactors have a sophisticated control package that allows the operator to set the required pressure to obtain the optimum coil package.



Horizontal compactor with strapping heads



Vertical compactor

PRODUCT FEATURES

- System flexibility and efficiency
- Eliminates coil package disturbance
- Uniform press force distribution
- Standardized design
- Mechatronic systems for consistent operation

TECHNICAL DATA

Compacting force	1 - 40 tons (stepless)
Tying wire dimensions	6.5 - 8.0 mm
Minimum coil length after compacting	650 mm (option for 500 mm)
Maximum coil length after compacting	2,500 mm
Inner coil diameter	700 - 950 mm
Outer coil diameter	1,200 - 1,500 mm
C-hook length	3,500 - 5,070 mm

SERVICES

- Integration engineering - customized solutions
- Erection advising - planning and supervision of installation ensures system performance
- Commissioning - expertise provided for start-up and training on system operation
- Maintenance - services available, but little required
- Spare parts - customized program minimizes inventory and controls cash flow

OTHER RELATED PRODUCTS

- Morgan Intelligent Pinch Rolls
- Morgan High Speed Laying Head
- Morgan Stelmor® controlled cooling conveyor
- Coil reform tub
- Coil handling systems
- Binding heads

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