The non-ferrous coil handling system consists of individual conveyor modules that form unique inline or recirculating coil handling solutions.

At the rod coiling station, a hydraulically actuated elevator raises empty pallets to a predetermined height under the rod coiler to allow formed rod rings to accumulate until a full coil is made. During transition to a new coil, collection arms hold new coil rings until the full coil leaves the coil station.

Various building blocks of the coil handling system include:
- Empty pallet load stations
- Pallet de-stackers
- Empty pallet tare weigh stations
- Rod coil station with hydraulically actuated elevators
- Gross weigh stations
- Hold stations
- Compacting stations, with optional automatic strapping
- Stretch wrap conveyors
- Unload conveyors
- Rotary conveyors

**FIELD OF APPLICATION**
Non-ferrous long rolling mills

**MAIN BENEFITS**
- Facilitates handling of dense laid or orbital coils produced directly onto pallets or into collection baskets
- Places empty pallets onto pallet load conveyor via lift truck, pallet de-stacker equipment or by hand
- Eliminates additional downstream coil handling process steps with inline tare and gross weighing modules
- Standard combinations of roller modules or custom configuration options and accessory equipment available
- Allows maximum shipping container and/or storage space utilization with inline manual or automatic coil compaction and strapping equipment
- Reduces manual intervention and increases coil handling buffer times with rotary conveyors to create recirculating systems
- Creates custom coil weights with interlocked mill controls
OTHER RELATED PRODUCTS

- Entry shear and table
- Rolling mill stands
- Hydraulic roll mounting
- Rolling mill lubrication systems
- Coil forming equipment
- Coil handling solutions
- Dual reel coiler and automatic unloader

PRODUCT FEATURES

- AC gear motor-driven roller modules
- Hydraulically actuated elevator
- Designed for wooden or steel slave pallet
- Pallet stops for pallet and coil positioning
- Heavy duty fabrications
- Safety guarding and light curtain lockout system
- Coil weighing and tagging
- Interlocked with mill controls

TECHNICAL DATA

<table>
<thead>
<tr>
<th>Feature</th>
<th>Specification</th>
</tr>
</thead>
<tbody>
<tr>
<td>Production rates</td>
<td>48 tph</td>
</tr>
<tr>
<td>Maximum coil weight</td>
<td>10 tons</td>
</tr>
<tr>
<td>Product sizes</td>
<td>8.0 – 25.0 mm</td>
</tr>
<tr>
<td>Grades</td>
<td>Cu &amp; Al EC &amp; Alloys</td>
</tr>
<tr>
<td>Coil Sizes</td>
<td>Variable</td>
</tr>
</tbody>
</table>

SERVICES

- Integration engineering – customized solutions
- Erection advising – planning and supervision of installation to minimize disturbance of operations
- Commissioning – expertise provided for start-up and training on system operation
- Maintenance – system designed for long life
- Spare parts – customized program minimizes inventory and controls cash flow

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