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