The coiler system, comprised of a dividing shear, spooler, coiler, strapping and unloading equipment, is designed to catch and spool rod coming from the continuous cast rolling line. It automatically changes reels without lowering mill exit speed when one reel is full or is filled to the desired weight. This ensures dense, level-wound coils for easier shipment and downstream processing.

The dividing shear cuts the rod to make a new front end for transfer of the product from one coiler to the other. If necessary, rod is diverted to a scrap shear where it is cut into short lengths and directed into a scrap collection system.

FIELD OF APPLICATION
Non-ferrous long rolling mills

MAIN BENEFITS

- Depending on customer preference and space limitations, Primetals Technologies offers flexible up/down or side-by-side coiler arrangements. Automatic coil unloading and coil roll off features allow for quick coil removal
- Robust mechanical equipment combined with electro-pneumatic controls provide reliable production, low maintenance, and high quality finished product
- The system’s 4-way coil strapping at 90-degree intervals provide added security during transportation. Included as an additional feature, automatic strapping reduces manpower requirements and optimizes coil unloading time
- To reduce downstream coil handling requirements, the system incorporates in-line weighing solutions
- The dual reel coiler system has a high level of system diagnostics, recipe management and the capability for remote services, which provide accurate and real time assessment to maximize mill utilization
OTHER RELATED PRODUCTS
• Intermediate shear and table
• Rolling mill stands
• Hydraulic roll mounting
• Rolling mill lubrication systems
• Coil forming equipment
• Coil handling solutions

PRODUCT FEATURES
Coiler speed automatically synchronized with mill speed
Electro-pneumatic controls
Up/down or side-by-side coiler arrangements
4-way coil strapping
Automatic strapping
Automatic unloading with in-line coil weighing

TECHNICAL DATA
<p>| | |</p>
<table>
<thead>
<tr>
<th></th>
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</tr>
</thead>
<tbody>
<tr>
<td>Production rates</td>
<td>2.5 - 15+ t/hr</td>
</tr>
<tr>
<td>Maximum coil weight</td>
<td>3.4 tons</td>
</tr>
<tr>
<td>Product sizes</td>
<td>9.5 - 25.0 mm</td>
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<tr>
<td>Grades</td>
<td>Cu and Al EC &amp; Alloys</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

The information (including, e.g., figures and numbers) provided in this document contains merely general descriptions or characteristics of performance based on estimates and assumptions which have not been verified. It is no representation, does not constitute and/or evidence a contract or an offer to enter into a contract to any extent and is not binding upon the parties. Any obligation to provide and/or demonstrate respective characteristics shall only exist if expressly agreed in the terms of the contract. These estimates and assumptions have to be analyzed on a case-to-case basis and might change as a result of further product development.
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