The coil reforming station is a critical element of the finishing end of a rod mill, collecting the rings from the Stelmor® controlled cooling conveyor into the best possible coil package. While forming the coil, it must also minimize cycle time for the demands of high production rate mills.

A new design of reform tub that is now available forms the entire coil at an optimal height in the tub to take full benefit of the ring distributor. This new stepless design utilizes two interacting coil plates to eliminate drops from conveyor to iris and iris to coil plate.

Accurate control of coil plates and nose cone supports insures smooth and continuous coil collection in order to make the best possible coil in the shortest possible time.

FIELD OF APPLICATION
Long rolling mills

MAIN BENEFITS
The patented ring distributor guides rings into the reform tub to create a well-ordered coil, minimizing coil height and eliminating stray rings that can get damaged during handling and shipping. The ring distributor coil ensures tangle-free payoff and can therefore dramatically reduce delays in down stream processing such as in a wire drawing plant.

The patent-pending stepless reform design enables full control of the coil formation in the tub, maximizing the advantage of the ring distributor, resulting in the shortest coil height possible.
OTHER RELATED PRODUCTS

- Morgan Intelligent Pinch Rolls
- Morgan High Speed Laying Head
- Morgan Stelmor® controlled cooling conveyor
- Coil handling systems
- Coil compactors

PRODUCT FEATURES

- Ring distributor can minimize coil height
- Ring distributor blade easily removed
- Drop-free coil collection with stepless system
- Replaceable wear strips to minimize scratching
- Optional tub shear for custom-weight coils

TECHNICAL DATA

<table>
<thead>
<tr>
<th>Description</th>
<th>Value</th>
</tr>
</thead>
<tbody>
<tr>
<td>Typical coil weight</td>
<td>2-3 tons</td>
</tr>
<tr>
<td>Typical coil OD / ID</td>
<td>1250 / 850 mm</td>
</tr>
<tr>
<td>Typical maximum coil temperature</td>
<td>600° C</td>
</tr>
<tr>
<td>Minimum cycle time</td>
<td>20 sec</td>
</tr>
<tr>
<td>Minimum billet gap time</td>
<td>2 sec</td>
</tr>
</tbody>
</table>

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

Primetals Technologies USA LLC
A joint venture of Siemens, Mitsubishi Heavy Industries and Partners
50 Prescott Street | Worcester, MA 01605 | USA
primetals.com

Order No. T06-0-N254-L4-P-V1-EN
Printed in USA | © 01.2016

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.

Primetals Technologies excludes any liability whatsoever under or in connection with any provided information, estimates and assumptions. The provided information, estimates and assumptions shall be without prejudice to any possible future offer and/or contract. Any use of information provided by Primetals Technologies to the recipient shall be subject to applicable confidentiality obligations and for the own convenience of and of the sole risk of the recipient.

Stelmor is a registered trademark of Primetals Technologies USA LLC.