



## REFORM TUB WITH RING DISTRIBUTOR FOR SMOOTH OPERATION AND WELL-FORMED COILS

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.

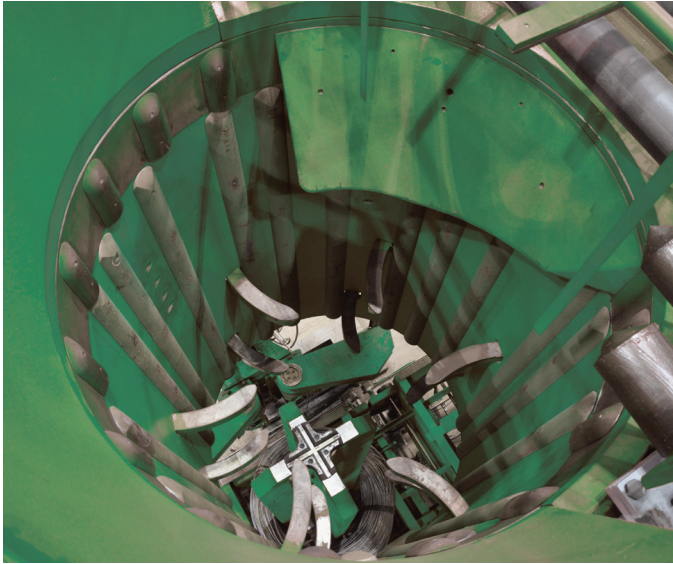
### FIELD OF APPLICATION

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.



Ring distributor system in reform tub with nose cone removed



Descending coil plate with coil

## 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

<b>Typical coil weight</b>	2-3 tons
<b>Typical coil OD / ID</b>	1250 / 850 mm
<b>Typical maximum coil temperature</b>	600° C
<b>Minimum cycle time</b>	20 sec
<b>Minimum billet gap time</b>	2 sec

## 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 handling systems
- Coil compactors

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