

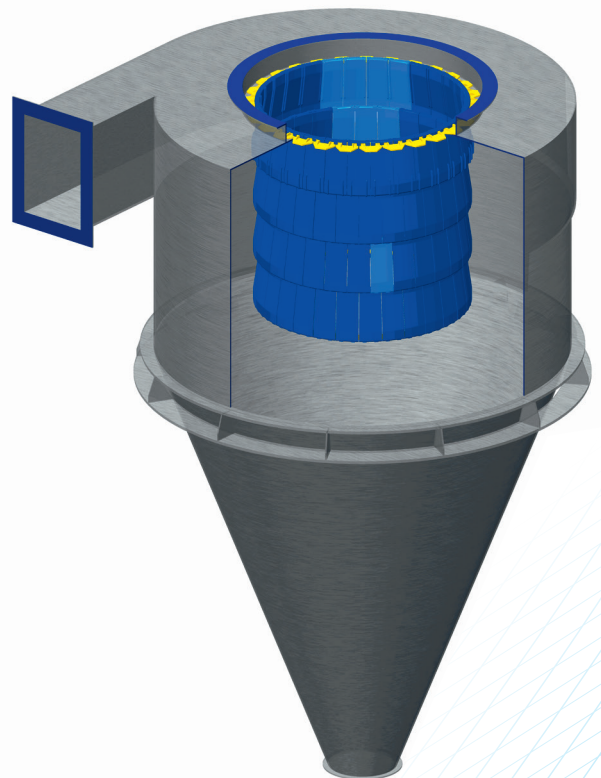
CYCLONE PRE-HEATERS IMMERSION TUBES

WHY INSTALL IMMERSION TUBES INSIDE SUSPENSION PREHEATER CYCLONES?

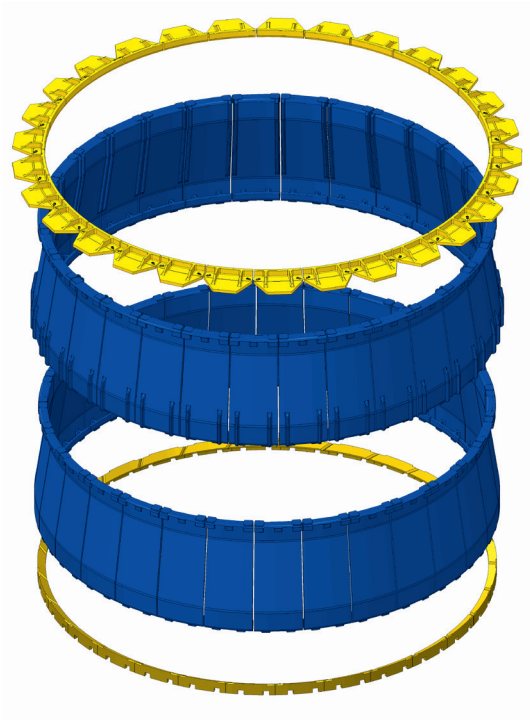
- Better segregation between raw meal and gases avoiding unnecessary material recirculation
- Less risk of plugging in the gas ducts
- Better heat profile across the preheater tower
- Lower exhaust gas temperature
- Reduced fuel and ID fan power consumption (up to 10 %)
- Production rate increase

ADVANTAGES OF OUR NEW DESIGN

- Flexible design
- Hooks adaptable to various segment's thickness
- Two standard lengths of segments available
- Easy installation of the casting parts
- Ribs reinforcement where needed
- Controlled thermal expansion for each segment



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RELIABLE ALLOYS

Three major ranges of alloys available to fit with your environment (performance data, type of fuels, priorities & expertise) and able to resist:

- All types of corrosion
- Mechanical stresses
- Oxidation.

PROCESS EXPERTISE

Magotteaux guides you in the design of your immersion tube. Our experience will allow you to benefit from the optimum heat exchange and lowest dust emission.

SAFETY FIRST

- Magotteaux allows zero compromise on safety.
- Minimum time spent inside the cyclone during immersion tube installation.
- Staggered installation design for increased reliability.
- Alloys developed to ensure reliable wear monitoring through thickness measurement and visual inspection of our cast segments.
- Our alloys help prevent the embrittlement due to sigma phase.

The information and data in this data sheet are accurate to the best of our knowledge. They are intended for general information only. Applications as suggested are described only to help readers make their own assessment. They are neither guarantees nor to be construed as express or implied warranties of suitability for these or other applications.

Process optimization products and services
for high abrasion extracting industries



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