



**PANELBOARD**

# **THERMOCURVE**

**THE ONLY INSULATION BOARD REFINER  
PLATE ON THE MARKET**

**ANDRITZ**

**ENGINEERED SUCCESS**



# Thermocurve

The only insulation board refiner plate on the market.

For a long time, insulation board and hardboard manufacturers had to rely on refiner plates that were intended for MDF production.

With the Thermocurve design, we are able to provide the first refiner plate design on the market developed to address the specific needs of insulation board and hardboard production. The fiber it produces is ideal for applications requiring reduced dust formation and a longer average fiber length.

It is based on the Quantum design but departs from it in the design of the rotor, where it has a low or even negative plate bar angle. This ensures that long, bulky fibers with lower dust content and bulk density are generated. At the same time, the stator features a very high plate bar angle in order to control the speed of the furnish in the gap and keep specific energy consumption to a very low level.

Additionally, it provides the well-known benefits of our Quantum designs, such as the high breakage resistance generated by the very strong refiner bars at the inner diameter as well as the virtually endless number of possible design modifications to accommodate customers' needs.

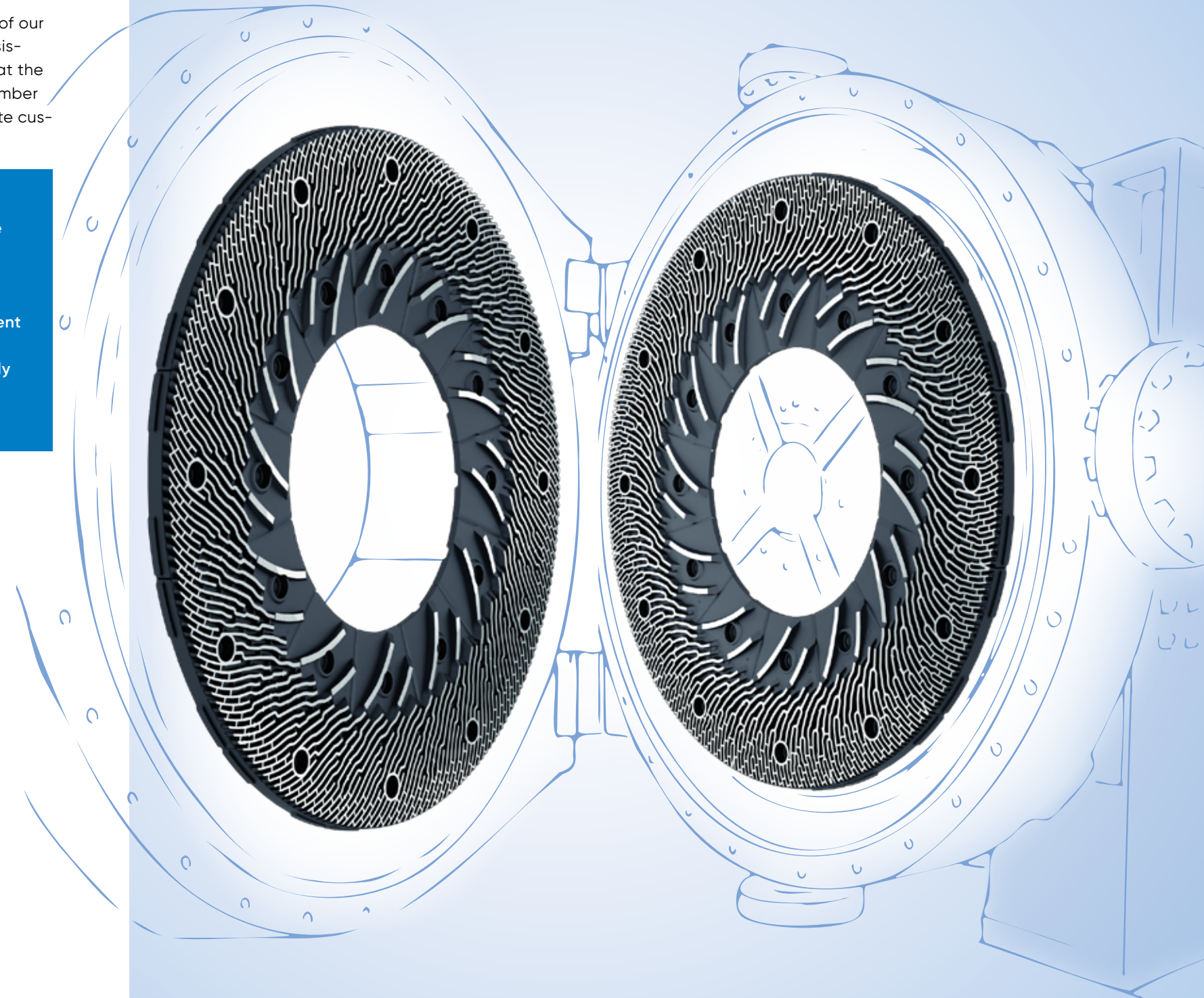
## BENEFITS

- Fiber with less bulk density due to low plate bar angle on the rotor
- Longer average fiber length
- Less dust generated
- High breakage resistance thanks to intelligent plate bar design
- Very suitable for customizing, with a virtually endless number of possible design modifications

The Thermocurve rotor segment with holdback bar angle for long bulky fiber.



The Thermocurve stator segment with higher bar angle to keep SEC on a low level.





## **TO FIND OUT THE BEST SOLUTIONS FOR YOUR NEEDS, PLEASE CONTACT THE KEY ACCOUNT MANAGER RESPONSIBLE FOR YOUR REGION.**

We will take up your challenges! For more information about ANDRITZ's services, please visit [andritz.com/refiner-plates](https://andritz.com/refiner-plates) for details.

### **EUROPE**

ANDRITZ Fiedler GmbH  
Regensburg, Germany  
p: +49 941 6401-0

### **SOUTH AMERICA**

ANDRITZ Brasil Ltda.  
Curitiba, Brazil  
p: +55 41 2103-7601

### **NORTH AMERICA**

ANDRITZ Inc.  
Muncy, USA  
p: +1 570 546-8211

### **CHINA**

ANDRITZ (China) Ltd.  
Foshan, China  
p: +86 757 8296 9222

**ANDRITZ.COM**



All data, information, statements, photographs and graphic illustrations in this leaflet are without any obligation and raise no liabilities to or form part of any sales contracts of ANDRITZ AG or any affiliates for equipment and/or systems referred to herein. © ANDRITZ GROUP 2021. All rights reserved. No part of this copyrighted work may be reproduced, modified or distributed in any form or by any means, or stored in any database or retrieval system, without the prior written permission of ANDRITZ AG or its affiliates. Any such unauthorized use for any purpose is a violation of the relevant copyright laws. ANDRITZ AG, Stattegger Strasse 18, 8045 Graz, Austria. MDF\_Plates\_Thermocurve\_11.21\_EN

