



# PANELBOARD S2000 AND 1CP REFINERS

## HIGH-PERFORMANCE SINGLE-DISC REFINING

### **SUPERIOR MDF FIBER PROPERTIES**

The ANDRITZ 1CP and S2000 single-disc refiners process various raw materials, such as wood chips and annual plants, to provide superior fibers for MDF by optimized pressurized refining.

A short, symmetrical thrust path, high disc and stator rigidity, and precise manufacturing of components – all combine to achieve a constant refining gap that is essential to obtaining high fiber quality and low specific energy consumption.

The ANDRITZ refiner bearing design results in clear separation of the axial and radial loads, guaranteeing years of trouble-free refiner operation. Over 380 refiners from the 1CP series and 110 from the S2000 series installed worldwide prove that our single-disc refiners are top class.

# **ANDRITZ**

**ENGINEERED SUCCESS**

# High fiber quality at low specific energy consumption

## THE RIGHT HC REFINER FOR THE RIGHT APPLICATION

Both refiners are able to process even very dry material to provide superior fibers by adding dilution water directly in the refining zone, which also extends the lifetime of the of refiner plates.

The 1CP refiner features a straight-forward mechanical gap adjustment system that guarantees reliable operation and makes maintenance particularly easy.

The S2000 refiner is equipped with a servo-controlled hydraulic plate adjustment system directly integrated into the bearing unit. It provides fast and precise gap adjustment at highest loading conditions.

### YOUR BENEFITS

- Perfectly suitable for any kind of wood chips/annual plants, even for very dry material
- Swing-door design for easy plate change and fast exchange of wear parts
- Seal protected by water only for maximum service life
- Fast and easy adjustment of the extremely accurate refining gap



ANDRITZ 1CP refiner with refiner feeding



ANDRITZ S2000 refiner

		1CP	S2000
Maximum installed power (at maximum operating speed)	MW	8.7	19.3
Maximum operating speed	rpm	1,800	1,800

All data subject to change.



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