



PULP & PAPER

FAST AND ACCURATE CHIP QUALITY ANALYZER

ScanChip

OVERVIEW

The ANDRITZ ScanChip analyzer uses image analysis technology to monitor chip quality in a fast and accurate way. The basic ScanChip system is designed for offline (laboratory) analysis. As an option, it can be equipped with an automatic chip sampling device to take regular, representative samples from a

continuous chip flow. The ScanChip system is beneficial for obtaining accurate and frequent chip quality data so that the pulping process can be adjusted to match actual chip quality (e.g. chip size distribution information used to optimize cooking control). It is also beneficial for optimizing the interval be-

tween chipper knife changes as well as documenting the quality of purchased chips to ensure proper payment. It also replaces labor-intensive chip sampling, laboratory tests and defines chip quality in accordance with mill standards like the SCAN method.

ANDRITZ

ENGINEERED SUCCESS

ScanChip analyses and measurement modules

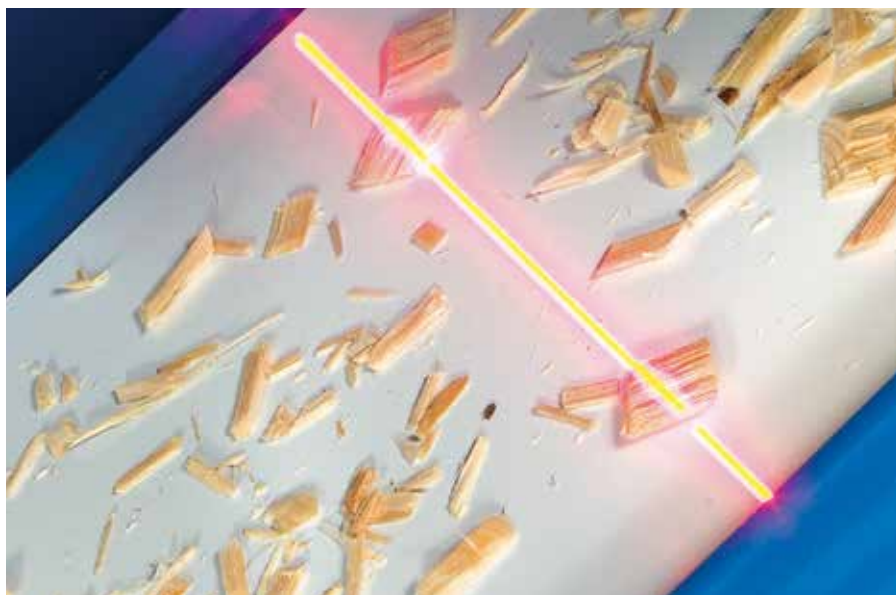
KEY TO SUCCESS

Chip quality is analyzed by measuring the chip dimensions (length, width and thickness) using image analysis technology. Different chip size distribution methods can be simulated (e.g. the SCAN-CM 40:01 standard method). The ScanChip analyzer can process five to ten chip samples of ten liters each per hour. In the online configuration, ScanChip can be programmed to take representative chip samples auto-

matically from a continuous chip flow. Regular and representative chip samples ensure accurate chip quality data. The measurement data on each sample is stored in the internal database and can easily be exported to a mill's DCS or other computer systems. A report is generated for each analyzed chip sample. Custom reports can be created easily to meet the mill's information requirements.

OPTIONAL MEASUREMENT MODULES

Measurement modules can be added for monitoring chip moisture and chip brightness. The modules are fully integrated into the ScanChip system to measure each chip sample. All types of chips, independent of wood species, size, or temperature, can be analyzed.



ScanChip analysis

BENEFITS

- Accurate and frequent chip quality data
- Optimize interval between chipper knife changes
- Define chip quality according to standard methods

EUROPE

ANDRITZ AB, Sweden
p: +46 650 291 00
knifsystems.se@andritz.com

NORTH AMERICA

ANDRITZ Inc., USA
p: +1 813 855 6902
knifsystems.us@andritz.com

ANDRITZ Ltd., Canada
p: +1 450 973 4343
knifsystems.ca@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 AG 2020. 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. ScanChip 1.0/12.2020 EN

