Bark On-Line

The Bark On-Line tool helps you to deliver wood chips of high quality to the pulp industry, avoiding economic losses and penalties caused by too much bark in the chips. Using the results from the tool, the operator can adjust and change pressure of the debarking knives.

Key features
Bark On-Line detects the amount of bark remaining on debarked logs by laser technology and real-time camera scanning. Using the tracheid effect the tool detects how much bark is left on logs passing the equipment. The system is also equipped with an IR sensor, thereby providing valuable information on the log temperature.

With Bark On-Line you see:
- The amount of remaining bark on the most recent log.
- The average amount of remaining bark on a desired number of most recent logs.
- The surface temperature of the logs – with this option the sawmill easily can see if the surface of the logs are frozen or not.
- Alarm limits can be set in the application so that the operators can be made aware if there is either too much or too little bark remaining on the logs.

Convenient installation
RISE will help you install the measurement system directly after the debarker. The industrial PC is placed within 30–40 meters from the camera. The sawmill needs to make sure there is a network to the location where the computer is located. The application on the PC will act as a server on the network and the sawmill can read the result of the measurements from any PC connected to the network via a client application. It is also possible to collect data from Bark On-Line in a file or in a database for later use.

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