



# SPRETIMB<sup>®</sup> LOG CONTROL

Automatic Log Manipulation & Monitoring

[www.sprecher-automation.com](http://www.sprecher-automation.com)

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# SPRETIMB LOG CONTROL

## RANGE OF SERVICES

With SPRETIMB LOG CONTROL, Sprecher Automation offers a sophisticated electronic control and monitoring system especially for log sorting and manipulation. LOG CONTROL can be adapted in the simplest way to the respective customer specifications.



## COMPONENTS

- Software package for log sorting and log manipulation
- Control chair for roundwood assessment
- Master computer for roundwood sorting and log manipulation
- SPRECON control system

## APPLICATION AREAS

- Log manipulation for high-speed plants of all performance classes
- Automatic log sorting
- Automatic cross-cutting
- Automatic quality reordering based on measured and keyed values

LOG CONTROL offers the possibility to create and change sorting programmes and to print protocols. For this purpose, the system enables a continuous plant operation even if parameters in the active sorting programme need to be changed.

## CONTROL SEAT

The control chair is located in the control room and is the central console for log assessment:

- Free parameterisation of the console
- Keying in of assessments such as quality, type of wood, markdowns etc.
- Operating elements for control technology (start, stop, pressure changes etc.)

## SOFTWARE PACKAGE

LOG CONTROL offers a wide range of functionalities for log manipulation and log sorting:

- Freely definable quality designations (quality classes) including graphical display (filling levels of quality classes)
- Display of individual master data such as length, pigtail diameter, curvature, woodiness etc.
- Continuous display of cubage,
- number of pieces, running metres, average centre diameter over the entire haulage etc.
- Visualisation of log sorting, log feeding, log conveying, debarking etc.
- Various logs such as haulage logs, shift logs, downtime logs, production logs (by the day, week or month) and box logs (by assortment or box)
- Tracking and management of individual conveyor lines (registers)
- Administration of sorting programmes
- Management of plant, sorting and registration parameters for legal transactions

LOG CONTROL also has a bidirectional interface to the company EDP via csv files or directly

(example: access to supplier data). Furthermore, the system can be maintained remotely.

## SPRECON CONTROL STATION

The SPRECON control computer is used to record the measured values of the measuring systems used (quality, length, diameter, woodiness, type of wood etc.) and for log tracking.

During the development of the SPRECON control computer, special attention was paid to optimis-

ing data security and fail-safe operation in an industrial environment.

Data such as conveyor releases, unboxing etc. is transferred via an interface from and to the programmable logic controller (PLC).

The SPRECON control computer also takes over the speed optimisation of the drops into the corresponding boxes.

In addition, it stores all measurement and registration data for each log on the log yard's master computer.





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