



SPRESCAN[®]-PHOTOLOG-L

Master Photography with Database Connection

www.sprecher-automation.com

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SPRESCAN PHOTOLOG-L

RANGE OF SERVICES

SPRESCAN PHOTOLOG-L offers database-driven management of master images at a longitudinal conveying speed of up to 240 m/min. In addition, the system can be connected to a variety of customer-specific software applications.

For example, the image data can be stored on a central server and accessed and analysed from an office workstation.

HOW IT WORKS

SPRESCAN PHOTOLOG-L/200 or 400 consists of two or four digital cameras and the PHOTOLOG computer, which contains the database for the master image management. Parameterisation and calibration (e.g. illumination settings) are carried out via the TFT screen supplied.

SPRESCAN PHOTOLOG-L/200

- 2 cameras (front and rear)

SPRESCAN PHOTOLOG-L/400

- 4 cameras (front, rear and mantle)

FEED RATE

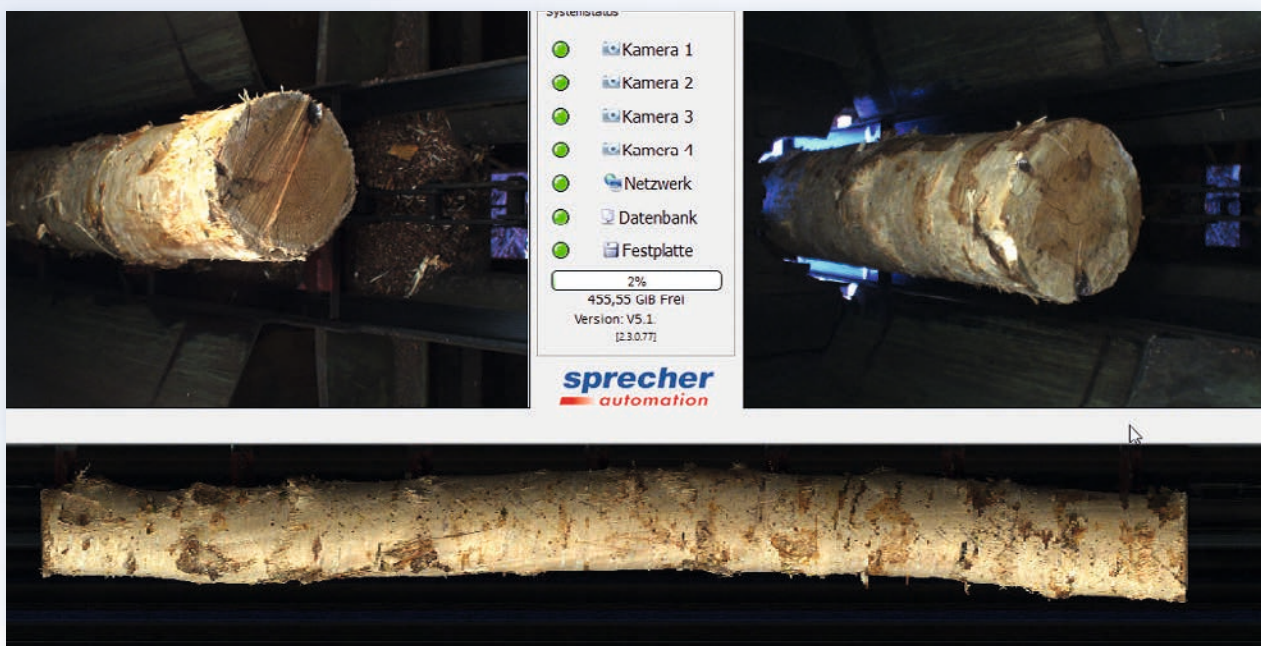
- up to 240 m/min

COLOUR CAMERAS

- Progressive scan digital cameras (firewire)
- Resolution: 1440 x 1080 px (ends and mantle surface)
- IP65 housing
- Optical set-up (lenses etc.) and lighting can be customised

PHOTOLOG CALCULATOR

- High-performance computer
- SQL database
- Integration of customer logo in master images*)





- Database connection to company EDP*)
- TFT screen

FILTERING

- Cart number, log number, date, lot, district, grader, supplier, length, centre and top diameter, lumbering, curvature, quality, wood species

INTERFACES

- SQL database
- RS232
- Ethernet
- Special interfaces*)

FEEDING

- 110/230 V, 50-60 Hz



SPRESCAN PHOTOLOG-L is network-connected to the log yard's control computer, which provides all the log data. This includes truck number, log number, log number and data from the log measurement such as length, diameter, lumbering, curvature, type of wood and quality.

In addition, the control computer also checks the photograph of the respective log and signals SPRESCAN PHOTOLOG-L the correct time for taking the picture from the front and from the back, with PHOTOLOG-L/400 also for the mantle surface.

The log images and the corresponding log data are stored in a database on the PHOTOLOG computer.

All archived image data can be filtered, searched or selected based on the log-specific information (filtering, for example, by date from/to, quality from/to, log dimensions etc.).

*) on request

