

New sawmill infeed in operation

I. van Roje & Sohn has been operating a sawmill in Oberhonnefeld-Gierend in the natural park Rhein-Westerwald for several decades. From a logistical point of view, this is a perfect location for raw material sourcing. The sawmill focuses on a precise treatment of the raw material as well as on a fast, flexible and versatile production.

Due to the continuous investments into new technology and products, the company can look forward to healthy and continuous growth. In the field of log handling, the company has already been trusting **Holtec** for a long time. In 1996, Holtec delivered a combined logyard for handling long logs as well as short logs. In 2009-2010, the logyard was equipped with a new measurement electronics. A full contour scanner type Joro-3D-red with new PLC control as well as a



The company's most recent project is the extension of the sawmill infeed, the integration of a new turning device and a new infeed conveyor ahead of the existing sawing line. This increases the capacity of the impressive EWD sawing line again – **Holtec**



metal detector was installed.

In addition to the existing sawmill infeed, the sawing line is fed from two log decks installed in parallel with step feeders. This installation meets the requirement of the log 3–14 m log



range. Smaller bar lengths are separately transferred to the longitudinal conveyor. For longer bars, the two feeding systems work synchronically. The proven rollerway from Holtec is installed at van Roje as well. All bars are fed to this rollerway. The rectangular aligned pairs of rollers assure a safe acceleration and avoid a lateral sliding of the bars with diameters from 100-700 mm. The v-rollerway with 18 pairs of rollers is the



longest of its type. The logs are sawn at several preselected speeds, depending on the sawing pattern. The v-rollerway with separately controlled drives in combination with a dynamic gap optimisation Holtec GapControl provides for a precise and minimal gap between each log. All components are designed for an

annual sawing capacity of 500,000 m³ in two-shift operation.

The installation began just before Christmas. Despite disadvantageous weather conditions the first log was conveyed in early January. The production was started on time in the first week of 2011 thanks to the efforts of all involved parties: Van Roje, EWD and Holtec.