

130

solid m<sup>3</sup>/h sorting capacity



HOLZWERKE BAUMANN  
Wangen im Allgäu / DE

REFERENCE  
02.18

Together we make your project a  
**Story of success**



110,000

solid m<sup>3</sup> per year  
in a one-shift operation



Log yard combined from  
new and existing system parts

Butt-reducer, debarker and crosscut line  
are installed inside for noise protection reasons.

HOLZWERKE  
BAUMANN

**HOLTEC**

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## Perfectly well combined –

This compact installation blends old and new

Holzwerk Baumann GmbH is a family-run business founded in 1864 which now, five generations later, is directed by Armin Baumann. The company is one of the leading construction wood producers in the German region Oberschwaben.

Since the start-up of the production at the site in Beutelsau in 1997 the turnover has increased tenfold from 1.8 million EUR to more than 20 million EUR. To create further capacity Holzwerk Baumann invested in a new log yard. The planning started in 2004, but the special location of the sawmill caused some trouble. The site is surrounded on three sides by the river Untere Argen, by a residential area and by forest within a nature reserve. Lots of expert opinions, two petitions in the state parliament and a lot of regulatory barriers had to be overcome and delayed the authorization process for many years until finally in 2015 the authorization was given with quite severe restrictions, such as noise and water protection and only after compensation measures asked for by nature conservation authorities. From September 2015 they started the building of a new hall. All main

machines from the butt reducer to the debarker and the cutting station have been installed in that hall. It serves mainly for noise protection but also for water protection of the Argen. In particular, it has to be assured that chips from the butt reducer and the bark are stored while being protected against rain. Further advantages are the bright and clean work environment and the really good light conditions in the hall.

In summer 2016 Holtec started the installation of the plant which has been commissioned one year later. This new installation combines used and new components to a compact and efficient system. The debarker, the transfer to the measuring line, the measuring line itself, the marking unit, the sorting line, parts of the conveying equipment and of the concrete boxes are used and completely overhauled parts. All new components were delivered by Holtec i.e. the log allocator, feeding and centering device for the debarker, its outfeeding conveyor and the complete waste handling line. The corresponding control was developed by Holtec and Jörg Elektronik, Oberstaufen.

The system is designed for 180,000 solid m<sup>3</sup> per year in a one-shift operation. The logs are directly loaded from the arriving truck onto the system at intervals of 15 min. By this there is no storage of wood with bark. To facilitate the log unloading process as far as possible, the infeed part has a special design. The truck load is registered by the truck driver at a terminal – another special feature of the plant.

Previous good experiences and the long-term collaboration with Holtec meant that Armin Baumann was bound to ask Holtec for the planning and construction of the system.

“Baumann looked for a specialist who could work out a suitable concept, integrate the used components and who could organize the missing parts, who assembles and commissions everything”, said Valentin Huppertz, project director Holtec. The result is a satisfied customer and a well operating system.



” Holtec ... First choice ... works perfectly!!

Armin Baumann  
CEO “

View all over the system from the comfortable control desk for assessing the log best possible

