

Together we make your project a
Story of success



80,000
solid m³ per year



Log yard for long logs
and short logs

Maximum of flexibility: Long logs and short logs
can pass the system at full performance separately
or combined. Capacity: 80,000 solid m³/ year.

CELLE

HOLTEC

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HOLTEC



Clear focus on quality

Only a Holtec crosscut was acceptable

The French family-owned company Celle is located in the Haute-Loire region. Since 1974 they have combined two main activities, the sawmill in the industrial area of Araules and pallet production in the industrial zone of Yssingaux. The newly installed log yard which was started up in 2017 is situated next to the sawmill in the industrial area of Araules. Only few kilometers away in Yssingaux they produce pallets. Competitors in the region, i.e. Cros in the Ardèche or Gallien in Craponne sur Arzon have operated Holtec log yards very successfully for years. So for Celle only one partner could be chosen for their log yard project.

Serge Celle's idea was quite simple. For the new installation, he wanted more flexibility, more performance and a more simple handling. Based on the positive echo of the sawmills in the region it was quite easy for the Celle brothers, leading the company in the second generation, to choose Holtec as their supplier.

The annual capacity of the new system is approximately 80,000 solid m³ where 60.000 solid m³ are delivered as long logs and 20,000 solid m³ as short logs directly from the forest.

Usually, the long logs are fed via a feeding cross-conveyor and separated by a cross-conveyor with ledges. An allocator transfers the logs to a measuring and cutting line. After the logs have passed a JORO-sonar-measurement made by Jörg Elektronik,

the wood data is given to the DUO type saw. This saw is a combination of a circular saw and a chain saw for big diameter wood. On average, they produce more than 5 short logs per minute. Opposite the cutting line, short logs are fed to a chain conveyor. This has been a very interesting solution for Serge Celle, as he can feed short logs, independent of the cutting line, in parallel into the gaps and sort them. Also there is a maximum of flexibility because of the possibilities of producing only long logs, only short logs, or a combination of the two, with full performance. After that all short logs pass another 2D measurement. The latter determines whether the logs have to be reduced or not. Logs which have to be reduced are ejected and follow a by-pass. A double-shaft reducer made by Baljer & Zembrod reduces the butt ends of the logs. The 2D-measurement type Jörg Elektronik does not only decide which logs are to be reduced, it also decides to which debarking line the logs have to be transferred.

Most of the logs run straight through a CAMBIO debarker to the sorting conveyor with Jörg 3D-measurement and 22 boxes. Another specialty is at the end of the sorting line as the customer can feed directly "online" to the sawmill, depending on the cutting program. Big diameter logs will be ejected separately to another sorting line. They pass a new debarker, a Baljer & Zembrod, before they will be sorted to the appropriate boxes.

