Rudnick & Enners delivered a TH 300/700/3 drum chipper with 90 kW drive power to Sägewerk Kolb

Two tubular belt conveyors transport sawdust and wood chips separately to the new residual wood bins at the edge of the premises.

SÄGEWERK KOLB

Convincing wood waste disposal system

The Kolb family already purchased the first plant components from Rudnick & Enners, Alpenrod/DE, back in 1978/1979. The business relationship has lasted for almost five decades, so it made sense that the plant specialist from the Westerwald would also supply the wood waste disposal system for Kolb's new sawmill in Ruppertshofen/DE.

& Martina Nöstler

"I also looked at other suppliers. Ultimately, however, Rudnick & Enners offered me the best concept again," Wolfgang Kolb, who runs the family business with his son Fabian, says and adds: "We have always been highly satisfied with Rudnick & Enners. We appreciate the high reliability and very robust structure of their solutions. Furthermore, the machines run stably and largely without malfunctions." "We sealed the contract with a handshake at the Ligna trade fair in 2023," Sven Rudnick recalls. He is already the third generation to run the Alpenrod-based company.

Wood waste disposal from a single source

Rudnick & Enners delivered a complete wood waste disposal system to Sägewerk Kolb: conveyor belts, vibrating table, chipper, screening machine, tubular belt conveyors – separate for wood chips and sawdust – as well as the entire switchgear and control system, including the plant visualization. Wolfgang Kolb particularly appreciates Rudnick & Enners's high level of expertise. The sawmill, which is designed for logs with a stump diameter of up to 75 cm and annual cutting of around 100,000 m³, went into operation in November 2025. Rudnick & Enners chain conveyors handle the sawmill by-products below the Lindex/WDT cutting line. "We installed a two-lane disposal system for sawdust and wood chips below the cutting line," Rudnick explains. In addition, a 7.5 m long vibrating table and vibrating chutes were installed under the edging line.

Fabian and Wolfgang Kolb, pictured here with Sven Rudnick (from left), appreciate the decade-long collaboration

These convey splinters and residual wood towards the TH 300/700/3 drum chipper. The chipper has 90 kW drive power and an infeed height of 300 mm. Both the pre-sorted sawmill by-products that accumulate during cutting and the material from the chipper then enter the R+E RS 3x6/3F vibrating screen which separates the sawmill by-products into wood chips, sawdust and oversized pieces. Thanks to interchangeable screen panels, Sägewerk Kolb can adapt flexibly to changes in the residual wood market.

Residual wood bins relocated

The sawdust and wood chips are transported separately, at first vertically, using two bucket elevators. Over a length of around 80 m, tubular belt conveyors transport the two types of by-products into the new storage bins. "Before, the residual wood was basically lying around in the middle of the sawmill premises. Relocating it to the edge of our property is invaluable, as it has also diverted truck traffic. Furthermore, we were able to build two separate, sufficiently large storage bins," Wolfgang Kolb emphasizes. He is very satisfied with the way Rudnick & Enners executed the project. //