

4 tons
heavy logs



OLWO AG
Worb / CH

REFERENCE
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Together we make your project a
Story of success



130,000
solid m³ annually
at two sites in Switzerland



Modification of the log yard
for heavy wood

Traditional Swiss family company
chose once again a Holtec mechanisation.

OLWO

HOLTEC

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HOLTEC



Big logs? "No problem"

Modification of the log yard for heavy wood at OLWO AG in CH-Worb

2019, Holtec modified completely the log yard for big logs for OLWO AG in Worb, Switzerland. The traditional family company OLWO AG chose once again a Holtec mechanisation.

OLWO AG (Otto Lädach – Worb) was founded in 1926 and is managed in a third generation by Markus, Thomas, Ueli and Heinz Lädach. More than 130,000 solid m³ are treated annually at two sites in Switzerland.

At Erlenbach, pine and spruce wood with small and medium diameter is sawn. However in Worb, they treat in general pine and spruce wood with diameters bigger than 40 cm.

Also diameters of 90 to 110 cm are not a rarity in Worb. The treatment of the heavy logs up to 4 tons is not an easy job. But in close collaboration with the customer, we found an optimal solution combining the of renovation of old elements and delivery of new machines.

The new Holtec equipment starts directly behind the log feeding. Here the existing crosscut conveyor was completely modified: all chains, sprockets and carriers have been exchanged, a hydraulic ejector was added, which transfers the logs if necessary directly to the new installed butt end reducer. Baljer & Zembrod, Altshausen delivered a new butt end reducer in especially reinforced design for these high demands. This includes reinforced hydraulics and a direct driven shaft with 90 kW capacity.

A laser measuring has been integrated in the existing cross transfer in front of the cutting conveyor. The operator cuts the logs on the crosscut conveyor based on the measured log length and a visual assessment.

The cut logs are fed to an acceleration conveyor where the enormous log weight is also taken into consideration. The conveyor is equipped with a North American conveying chain with 540 kN and Hardox-carriers with 600 mm width. Strong impacts are absorbed by the buffered lateral guides. On the 85 m long sorting conveyor the logs are finally sorted into one of the 24 boxes depending on lengths, diameters and qualities. The 3D measuring Type Jörg Elektronik delivers the necessary data. Ejection is done by means of the lifting blades which put the carriers in inclined position so that the log is transferred in one of the boxes delivered by Lehde.

By this log yard modification in Worb the long collaboration between OLWO AG and Holtec was continued. Since 2004 the site in Erlenbach has already a Holtec log yard mechanisation and for 2020 some smaller modifications are planned. As project completion a new crosscutting line with a milling disc cutting was implemented in Worb in summer 2020.

OLWO



” Our logyard solution works for the fullest satisfaction.

Ueli Lädach
Company leader “

The reinforced sorting conveyor ejecting the logs in one of the 24 concrete boxes.

