

**5 m**  
birch logs



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



**1,800 mm**  
diameter of the sawblade



Crosscut line for birch plywood

Third system delivered  
to VMG Industry in Belarus.

**HOLTEC**

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VMG GROUP

**HOLTEC**



## Crosscut line with belt conveyor for cutting short logs

Third system ordered at Holtec for increasing the plywood production in Mogilev.

VMG Group belongs to the market leaders in the wood-based panel industry in Lithuania and Belarus as well as other countries of the European Union. The business fields comprise log handling, technical maintenance, logistics and development of industrial real estate. The headquarters is located in Klaipeda (Lithuania) and the group consists of 16 companies employing 4,000 people.

VMG INDUSTRY produces products for the worldwide export. The site in Mogilev (Belarus) consists of three factories producing chipboards, furniture and plywood components.

### Holtec customer for 10 years

The business relations between VMG Group and Holtec have existed for almost 10 years. Already in 2011 Holtec has delivered two crosscut lines for the plywood production at the locations Sakuona in Lithuania and Mogilev in Belarus. In September 2020 the plywood production in Mogilev was extended by an additional peeling machine with the corresponding log handling system.

Holtec's scope of supply comprises the log crosscut line and the infeed for long logs in front of the crosscut line. After the debarking process, the birch logs with lengths between 1.80 and 5 m are transferred to the crosscut line by a longitudinal chain conveyor with lateral ejection. The logs are buffered in cross feeding via two successive hydraulically controlled feeders. Then the logs are transferred to the band conveyor as infeed to the crosscut line. This system is successfully proven for crosscutting short logs as well.

The infeed belt conveyor transports the logs through the circular saw to the outfeed belt conveyor. The belt conveyors are proven to be the optimal design for this application. The logs are positioned via frequency controlled 500 mm wide belts and are stopped by a hydraulically controlled stopper and then cut with a circular saw. The maximum log diameter is 600 mm and correspondingly large is the diameter of the sawblade with 1,800 mm. The circular saw is driven with 75 kW power. The log lengths after crosscutting are between 96 cm and 210 cm. The two special clamping systems before and behind the saw avoid a clamping of the sawblade during the crosscutting process. The pairs of tapered rollers adjustable in height at the end of the infeed belt conveyor and at the beginning of the outfeed belt conveyor support this process as well.

At commissioning of the system 8 logs per minute with a length of 3,400 mm were continuously cut to a length of 1,680 mm. The outfeed belt conveyor transfers the logs in longitudinal conveyance to the infeed conveyors provided by the customer for feeding the peeling line.

We would like to thank VMG INDUSTRY for the proof of confidence as well as for the project successfully completed for both partners.



” Due to its numerous advantages, there is a trend for plywood in Russia.

Alex Heckmann  
Sales Russia “