

PAVLOVSKY DOK  
Pavlovsky / RUS

REFERENCE  
05.19

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

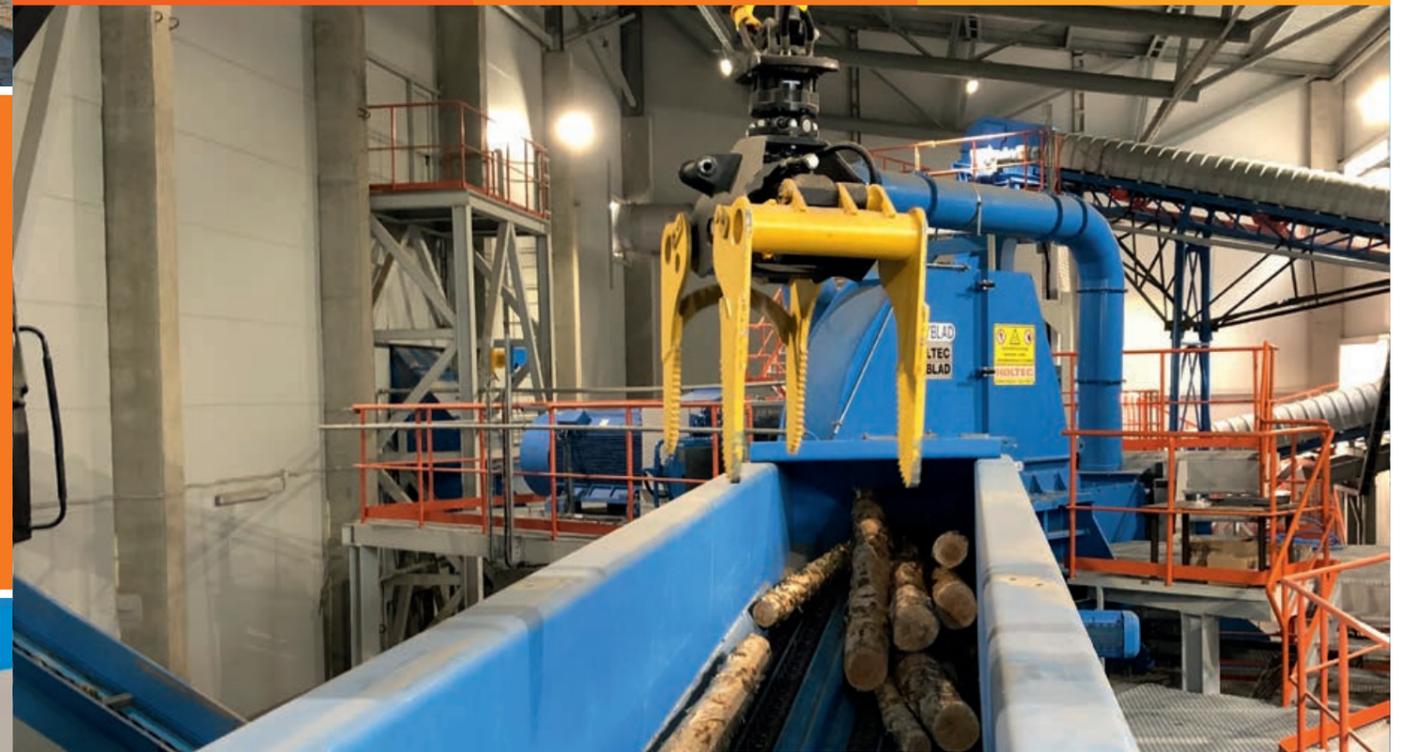
**800**

kw drive capacity



**250,000**

m<sup>3</sup> MDF-boards



Part of a mega-project  
in the altai-area

For the first time, a Holtec rotary debarker  
with electric drive is installed in Russia.

**HOLTEC**

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PAVLOVSKY ALTAILES

**HOLTEC**



## New MDF-loaction in distant Siberia

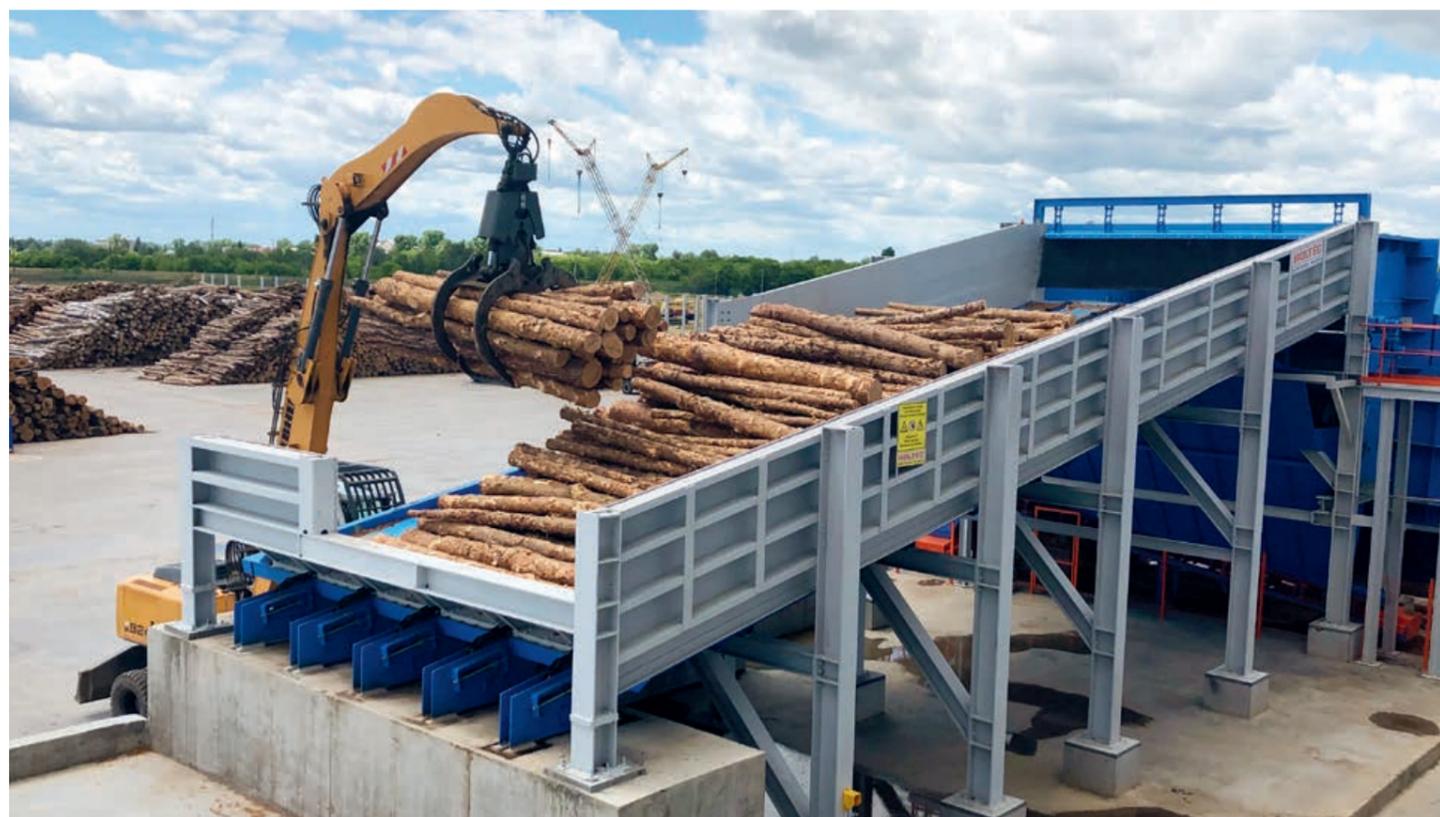
Holtec delivers complete log yard for PAVLOVSKY DOK



For the modern wood-based material sites, the area east of the Urals is more of an outback - only a few producers have so far been able to successfully settle in the depths of Siberia. This is all the more surprising since 80% of the wood reserves are located in this area. An entrepreneur sets off in the Altai Mountains to counteract this disparity. The Altailes group opens a large MDF location in Pavlovsky and thus expands the product range. Holtec supplies the complete wood yard for the processing of wood chips including the necessary storage technology.

The Altailes Forest Holding Company has been a longstanding partner for Holtec. The company was founded in 2007 and now comprises 17 companies with a total of 3,700 employees. The company leased over 1,434,000 hectares of forest from the Russian Federation and invested more than 10 billion rubles in new high-tech industries. Today Altailes is one of the largest and fastest growing companies in the forest industry in Russia.

The foundation stone for the new construction of the plant was laid in 2017 in Pavlovsky, near Barnaul - a large administrative center in the Altai region with over 600,000 inhabitants. Not far from Barnaul, the Altailes group is already very successfully operating two large sawmill sites to which Holtec supplied essential system components.



The new plant is designed for an annual capacity of approx. 250,000 m<sup>3</sup> of MDF boards with a board thickness of 2.5–40 mm. In addition to wood chips from the sawmills, self-produced, high-quality and debarked wood chips provide the basis for the board production. Holtec supplies the entire front end including wood chip removal to the silos to supply the plant. A 2-section Vario Barker (Rotary Debarker) from Holtec and a disc chipper Holtec-Nyblad with 2,800 mm disc diameter and 800 kW drive power were used as core machines. Holtec is responsible for the complete planning up to the discharge of the chips into the mighty concrete silos. This also included the engineering for the services to be provided by customer.

For the first time, a two-section debarker with an electric drive concept was implemented at Pavlovsky. The electric drive was developed as an alternative to the hydraulic drive concept, especially for use in cold regions. In addition to this argument, the electric drive also impresses with its lower energy consumption and reduced maintenance costs as advantages for operators.

With the commissioning of the DOK Pavlovsky, the forest holding company Altailes can build up a practically waste-free production cycle. In accordance with environmental protection requirements, the system supplies itself with heat and electricity.