



#### TECHNICAL CHARACTERISTICS OF SORTING CONVEYORS

- For boards with dimensions from 15 mm (minimum sideboards thickness) up to 100 mm (maximum central boards thickness), from 60 mm (minimum sideboard width) up to 280 mm (max. central boards width)
- As a standard – for 2.0-6.2 m long boards, special solutions available for shorter boards (from 1.2 m)
- Moving speed of sawn timber on conveyor – up to 160 pcs./min
- Control based on Siemens processor and computer screen visualization, with various reports on the material handled
- Advanced measuring systems, automatic quality assessment systems integrated in conveyors
- Conveyors' supporting structures made of strong steel

#### LINE STANDARD CONFIGURATION INCLUDES

- Belt conveyors for transporting boards to sorting line
- Accumulating conveyors for sawn timber
- Board separators and sorting units – technical solutions depending on the line capacity and timber specific features
- Trimming saw that corrects sawn timber length, or end-trimming unit equipped with different modules, or special trimming system equipped with several sawblades
- Sawn timber stacking and packaging plant – solutions both for stacking green sorted timber for further drying, as well as for packing dry (non-dried) timber for transportation
- Conveyors for transporting sawn timber packs sideways (chain guide conveyor) and lengthwise (roller conveyor)
- United solutions: with belt and scraper conveyors (for collecting and transporting wastes), chippers, strapping machines and pneumotransport (removing dust from conveyor)
- Line automation system





#### Solutions depending on conveyors capacity

- Simpler conveyors with manual sorting possibility – up to 50 000 m<sup>3</sup> of handled sawn timber per year (one-shift operation)
- More complex conveyors fitted with horizontal or vertical sorting bins – up to 120 000 m<sup>3</sup> of handled sawn timber per year (one-shift operation)

#### REFERENCE LIST OF SAWN TIMBER SORTING LINES DELIVERIES

##### **Estonia:**

Stora Enso Imavere Sawmill  
Stora Enso Timber Näpi Sawmill  
Stora Enso Timber Sauga Sawmill  
Vara Sawmill  
Viiratsi Sawmill

##### **Belarus:**

FLLC Swoods Export (Borisov)

##### **Germany:**

Robeta Holz (Milmerdorf)

##### **Lithuania:**

Pajurio mediena (Klaipeda)

##### **Russia:**

Boguchansky LPK (Krasnoyarsk kray)  
DOK Enisey (Krasnoyarsk)  
Lesozavod 25 (Arkhangelsk)  
Lesplitinvest (Leningrad region)  
LPK Sever (Arkhangelsk region)  
Onega LDK (Arkhangelsk region)  
Sevlespil (Syktyvkar) – packaging equipment  
Ustyansky LPK (Arkhangelsk region)  
Yantal-Les (Irkutsk region)

##### **Uruguay:**

Tigoral (Tacuarembó)

Hekotek AS

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## POWER OF COOPERATION

### OUR CUSTOMERS' SUCCESS IS OUR ULTIMATE GOAL

Increased value of processed timber can only be achieved through effective solutions ensured by close cooperation with our customers and suppliers. We strongly believe that best solutions are based on cooperation.