

LUMBER SORTING LINES



Engineering design of advanced, fully automated lines by Hekotek is always based on our customers' needs and technical requirements to ensure best possible solution for each and every project.

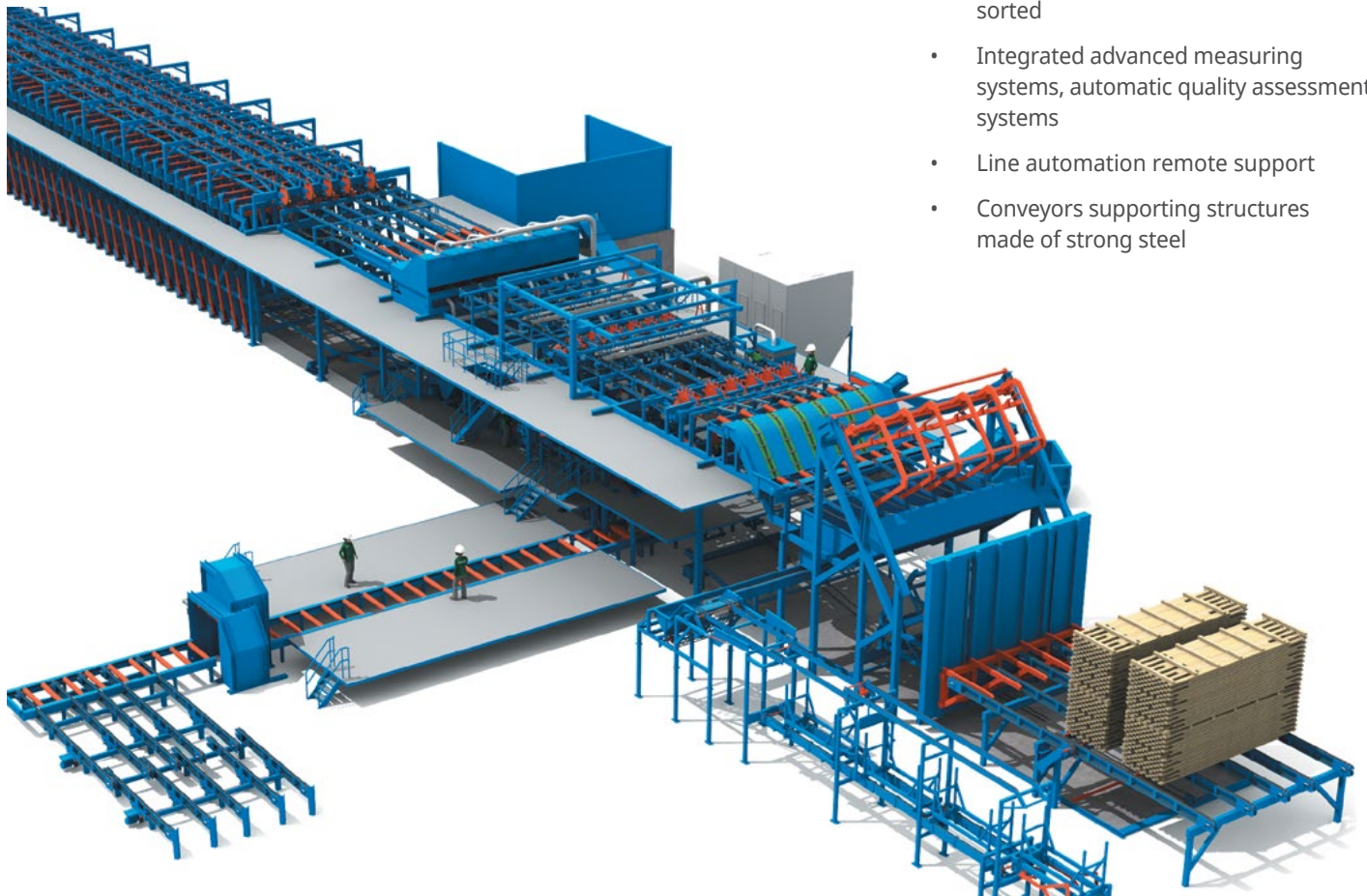
FACTS AND FIGURES OF HEKOTEK EXPERIENCE

OVER 30 LINES | for lumber sorting built and launched by Hekotek

6 MLN M³ | overall annual capacity of lumber sorting lines supplied by Hekotek

30 YEARS | experience of lumber sorting lines manufacture for sawmills

9 COUNTRIES | geography of lumber sorting lines supplied by Hekotek in the world



TECHNICAL FEATURES

- Hekotek lines are designed for the following board parameters:
 - sideboard thickness – 16-60 mm,
 - center boards thickness – up to 100 mm
 - width – up to 250 mm
 - length – 2,0-6,2 m,
 - special solutions available for shorter boards (from 1,2 m)
- Moving speed of sawn timber on conveyor – up to 160 lugs / min
- Type of sorting bins (vertical or horizontal) – as required by the certain project tasks and specifics
- Control based on Siemens processor and computer screen visualization, with various reports on the material sorted
- Integrated advanced measuring systems, automatic quality assessment systems
- Line automation remote support
- Conveyors supporting structures made of strong steel



LINE STANDARD CONFIGURATION INCLUDES:

- Belt conveyors transporting lumber to sorting line
- Lumber accumulating conveyors
- Board separators and single feeders – technical solutions depending on the line capacity and lumber specific features
- Modern lumber scanning systems with servo wall and trimmer for trimming of lumber to best suitable lengths
- Lumber stacking and packaging plant – solutions both for stacking green sorted lumber for further drying, as well as for packing dry lumber for transportation
- Conveyors transporting lumber packs sideways (chain guide conveyor) and lengthwise (roller conveyor)
- Conveyors transporting lumber packages through strapping and pressing units
- Combined solutions: with belt and scraper conveyors (collecting and transporting wastes), chippers, strapping machines and pneumotransport (removing dust from conveyor)
- Lumber sorting line control implemented by fully automated Hekman 4.0 system

Reference list
of Hekotek deliveries:



POWER OF COOPERATION

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 cooperation is the main key to success.

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