

DFCSB PROCESSING LINE FOR ENDLESS JOINING

V1

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DFCSB processing line for endless joining is the processing line for the production of structural timber with different cross-sections, which after further processing/machining in the final phase of the process as structural beams.

The processing line for endless joining consists of the following devices:

1. *PWW* Saw cutting out the defects
2. *PRN* Set of drive roller conveyors with bulldozing device
3. *PSBD 250* The endless press

The material used for the production is pre-prepared by servicing personnel through visual assessment of timber quality and marking with fluorescent chalk of wood defect, e.g., knags to cutting out. Saw cutting out defects (*PWW*) aligns the beginning, the end of the beam, and cuts out the previously selected/marked defects. Then, boards are administered to set of drive roller conveyors with the bulldozing device (*PRN*), where is buffered and endless press (*PSBD 250*), where are milled the constructional joints, is applied adhesive/glue and takes place the joining of individual components/elements into one beam. After the joining process, the beam is trimmed to the desired length. The work/operation of the processing line takes place in the automatic cycle.



TECHNICAL-OPERATIONAL DATA:

The dimensions of the charge components		
- width	mm	100-240
- length	mm	800- 3000
- thickness	mm	25 -140
The humidity of timber	≤ 18%	≤ 18%
The length of the beams after joining	mm	3000-12000