TECHNOLOGICAL SOLUTION OF SAWMILL CAPACITY FOR CONIFEROUS RAW MATERIAL PROCESSING

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ABSTRACT

The paper analyzes the technological solution of sawmill capacity for the coniferous raw material processing. It gives an overview of the necessary equipment (machines and transport means) which has the technological line, showing the phases in the process of making a technological layout, as well as the elaboration of the spatial layout of the equipment that is built for the projection of technological line coniferous raw material processing.

The projected production capacity is from 8000 to 10000 (m^3) per year. The basic manufacturing process consists of four basic areas: net production surface, transportation surface, postponement surface and subsidiary surfaces. Net production area is 209,4 (m^2), transport surface 83,8 (m^2), postponement surface with a value of 52,4 (m^2) and subsidiary surfaces amounted to 41,9 (m^2). Total production surface for projecting technological line is 387,5 (m^2) or approximately 390,0 (m^2). Projection of the technological line includes machines from the primary and secondary processing.

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