

Mechanization and automation of quality control of output is also of great importance to furniture manufacturing. Currently, of the 24,000 people employed in this aspect of woodworking, a large proportion is concentrated in furniture factories.

Of importance to board-manufacturing plants is the correct choice of equipment for feeding chips, sawdust and lumpy wastes. For these purposes wide use is made of pneumatic devices. Unfortunately, in the USSR, we have failed to make any use of encapsulated pipelines for compressed air transportation of chips from nearby enterprises.

Inasmuch as the forest-based industrial complex has its origins in forestry, efforts must also be concentrated on the provision of new machinery there: multi-purpose machines that combine the production and handling operations and ensure ecological safety.

In our opinion, it is necessary to drastically reduce the number of production machines used in timber felling operations. This would make it possible to reduce the number of handlings.

As regards the transportation systems used in sorting plants, it is high time to change over to log conveyors operating at higher speeds and involving the automatic stacking of assortments at storage sites. This would do away with the need for cross-cutting and levelling assemblies. The LT-182 log conveyor is precisely what is needed.

For the clearing of water expanses used as sorting areas in unloading sectors and also of water reservoirs it would be highly effective to employ