

References

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Results of the study Pryvedeny qualities drying oak blanks in konvektyvnyh cells. Obnaruzheny violations technologies, pryvedshye for Reducing Quality and proyzvodytelnosty drying chambers.

Dubovye blanks, konvektivnye dryers, drying Quality.

The results of drying quality oak stocks investigations in the chambers are given. The technology disorders' that led to make worth drying quality and chambers productivity were discovered.

Oak stocks, chambers, drying quality.

UDC 338.32

ANALYSIS OF MODERN furniture and woodworking industry UKRAINE

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A feasibility study facilities for the production of furniture and wood products in Ukraine. The effect of export-import operations in the state of Ukraine's domestic market. Proposed measures to implement the existing potential furniture and woodworking industry.

Power, furniture, wood, export, import, measures potential.

In the analysis of economic growth in the global market leaders often overlooked that one of the main factors of market expansion is a powerful lisoderevoobrobna industry. Currently, according to the UN, the volume of world trade in forest products is over 1trl. \$, Is projected to continue its steady growth. The most important prerequisites for the development of woodworking industry of Ukraine is the availability of domestic raw materials and powerful woodworking enterprises. So for the rational use of required analysis and development of measures to stimulate production.

The purpose of research- Identify the factors which influence the technical and economic potential of woodworking industry of Ukraine and to develop measures to stimulate domestic production and consumption of wood products.

Methods of research. In theykorystani economic and statistical methods of data analysis companies and the State Statistics Committee of Ukraine.

Results. Industrial output sold in 2012 for activity "Manufacture of wood and of products of wood, except furniture" made 8.204 billion. UAH., Or about 1 billion. Dollars. US, representing 0.8% of total industrial production in Ukraine. The export activity on "Treatment of wood and wood products, except furniture" made 1.06 billion. Dollars. USA, which is 1.6% less than in 2011. At the same time a decrease was observed in imports since last year for activity "Manufacture of wood and of products of wood, except furniture» Ukraine imported products 349 3 mln. USD. USA, which is 6% less than in 2011. Volume production, exports and imports of wood and wood products in Ukraine are given in Table. 1.

1. Volume of production, exports and imports of wood and wood products in Ukraine.

Year	Production, US. USA	Exports in US \$. USA	Imports in US \$. USA	Internal consumption dollars. USA
2008	810000	517 305	310 460	603 155
2010	796 000	827 994	321 094	292 100
2011	961 200	1077831	374 548	257 917
2012	1012000	1059739	349 255	301 516

Enterprises association in 2012 produced 1629 thousand. Cubic meters. derevynnostruzhkovykh plates, of which 1085.4 thousand. cubic meters. laminated. At the same time there was a small decline in output, compared to the previous year growth rate of 98% and 94%.

Leaders for the production of slabs is derevynnostruzhkovykh company "Svispan-Limited" and of "LC Interplit Nadvornaya" in accordance with volumes 313.5 thousand. Cubic meters. and 197 thousand. cubic meters.

Good performance development of new facilities demonstrates LLC "Kronospan UA" which has produced 180.4 thousand. Cubic meters. derevynnostruzhkovykh plates. Fibreboards small thicknesses produced two powerful woodworking plants, namely "Uniplyt" Ltd 18.5 million. Square meters. and JSC "Fanplit" 7.8 million. square meters. In fibreboard also experienced a decline, compared with the previous year

growth rate skly 97% and 67%. Total production FFS in 2012 was 26.3 million. Square meters. growth rate of 85.7% by 2011.

Plywood is made in Ukraine five companies of the association members. In 2012 the production of plywood was 167 thousand. Cubic meters. or 98.8% of the previous year. The leader is LLC "ODEK" Ukraine 79.1 thousand. Cubic m., Or 47.4% of total production.

The volume of sales in 2012, according to the type of "furniture" made 5.79 billion. USD, or about 720 mln. USD. US, representing 0.5% of total industrial production in Ukraine. The export activity for the "Furniture" was 508.77 million. Dollars. USA, which is 14.1% higher than in 2011. At the same time a significant rate increased imports of furniture, so last year Ukraine imported furniture products to 550.1 million. Dollars. That is by 13.6% more than in 2011. Volume production, export and import of furniture in Ukraine are given in Table. 2.

2. Volume of production, export and import of furniture in Ukraine.

Year	Production, US. USA	Exports in US \$. USA	Imports in US \$. USA	Domestic consumption, USD. USA
2008	620000	354000	608 000	874 000
2010	630000	311 657	368 997	687 340
2011	645 000	445 702	484 448	683 746
2012	715 000	508 768	550 092	756 324

From these figures shows that foreign economic trade balance positive in woodworking and furniture industry in the negative. That market furniture Ukraine imports half occupied. This certainly decrease the internal market and plate materials.

Given the situation prevailing in the industry and create appropriate conditions for existing potential of the forestry industry Ukraine offer:

1. Recognize the woodworking and furniture industry priority areas of Ukraine;
2. Develop and implement a mechanism for the implementation of untreated wood for large enterprises under long-term contracts for a period of 1 to 10 years;
3. Primarily ensure domestic production of untreated timber, and export it to carry on the residual principle;
4. Limit the growth of imports of furniture and plates by introducing import duties and derevynnostruzhkovi fibreboards, plywood, 7%, and furniture 10%;

5. Reduce or abolish the import duty on hardware for furniture and melamine, are not produced in Ukraine and imported for domestic production;

6. Establish a system of deeply processing of wood. For ts`oho at the state level to encourage the practice of collecting and processing of wood and introduce policies to encourage the creation of a system of concentration and specialization sawmill production in order to maximize the use of wood;

7. Recommend the furniture manufacturers buy most of plate products from domestic producers and encourage the purchase of furniture Ukrainian producers. To recommend this for public funds to buy furniture exclusively Ukrainian producers;

8. Develop and implement mechanisms for tariff protection of the domestic furniture market, derevynnostruzhkovykh and fibreboards and plywood. To implement this Technical Regulation on Security of furniture that defines the technical requirements for manufacturers, conformity assessment procedures and content of labeling;

9. Establish a mechanism in which the clearance furniture importers should be submitted documents for compliance with sanitary and phytosanitary standards, national standards Ukraine for each consignment furniture, boards and wood products that are imported in Ukraine;

10. Development Program lisoderevoobrobnoyi industry by 2025;

11. Adopt policies to encourage the activities of national and wood furniture exporters;

12. to extend the transitional provisions of the Tax Code for 3 years - until January 1, 2017 on action benefits VAT on the supply operation, import and export of unprocessed timber headings 4401, 4403, 4404 according to UKTZED.

It is important to note that the implementation of the proposals listed above will increase the production volume by 30-50%, provide a fully domestic demand and further recycle 2 million. Cubic meters of untreated wood.

Conclusions

1. The data on volumes of production, export and import of furniture, wood and fiberboard and plywood. The influence of technoeconomic factors and the volume of the domestic market of Ukraine.

2. Proposed measures to stimulate domestic consumption and production of furniture and wood products.

Are given technical and ekonomichnyy-power analysis for the production of furniture and timber products Ukraine. Rassmotreno Effect of imported eksportno-operations on STATUS vnutrenneho market of

Ukraine. Implementation methods Predlozheny ymeyuschehosya potentsiala mebelnoy and woodworking industry.

-Power, furniture, timber out production, exports, imports, activities of, potential.

An analysis of technical and economical facilities for production of furniture and wood products from Ukraine. Analyzed effect of export-import operations on state of domestic market of Ukraine. Proposed methods of existing potential of woodworking and furniture industry.

Power, furniture, wood products, exports, imports, activities, potential.

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NEW EFFICIENT EQUIPMENT FOR PROCESSING Wooden pallets

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Studied precision cutting wooden pallets on specially created automated line.

Wood pallets, pallet processing line, precision and quality.

Today transportation of products, of handling and its storage spend mostly using wooden pallets. The quality of work depends on the precision manufacturing pallets and their processing (marking, cut corners and lower milling boards).

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Choosing the right pallet will effectively carry products perform loading and unloading operations and store to store.

The purpose of research. The aim is to improve the accuracy of cutting corners pallets and milling of the lower boards.

Materials and methods research. According to GOST 9557-87 "Poddon Flat Wooden Size 800 × 1200 mm. Tehnycheskye terms "[1], which are international standards for the manufacture of timber pallets used wood (fir, spruce, pine, larch) and hardwood timber (alder, birch, poplar, oak, ash, beech, elm, acacia, maple, sycamore, chestnut). The design of the pallet must comply with HOST9078-84 "Poddony ploskye. General specifications "[2] and be designed to withstand without residual strain workloads maximum permissible load in the storage, transportation and transshipment.

Wooden pallets details must be without blemish: acute obzelu, germinate, rot, mechanical damage and foreign matter. Knots to 10mm