

Engineering in America



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Reference information



Mechanical engineering is the most dynamic industry that shows the level of development of countries

The industry emerged 200 years ago during industrial revolution England

In our time the number of employed people (80 million people) and the number of the cost of production it ranks first among industries in the world

Group of industries

The old industries are the sectors which have stopped in their development or are in decline (shipbuilding industry)

New industries are the sectors which have a slight increase in production (automotive industry)

The latest the industry has shown rapid and sustainable growth, guided by the science centres and a skilled workforce

North America produces almost all types of products of different degrees of difficulty



Among the engineering industries are growing faster than other electrical, electronic, aircraft and missile, largely working on military orders

Machine tool industry is concentrated mainly within lacustrine and North-Eastern cities. The plants of the South and West receive machinery and equipment from the North.



From the branches of transport engineering especially big development was received by the car - and aircraft construction. The automotive industry is a national industry in the USA.

Here for the first time began mass production of cars; one in every seven working American produces or maintains the car. Car factories are in 125 cities located in 26 States of the country. However, most cars made within the lakeside metropolis. Here are the main "motor state" of Michigan "automobile capital" of the US - Detroit

The United States is ready to open its borders for TRANS-Atlantic associations that will lead to the emergence of "players" on a world scale and create opportunities for the acquisition of American companies by foreign firms AMIS. This tactic can help ensure that the planned formation of the European aerospace and military company "European Aerospace and Defence Company" — "EADC" would seem less profitable.



The major centers of aerospace and space industries are available in many States. However, highlights of the Pacific States and especially California, where aerospace and space capital" of the United States – Los Angeles.

Center for aerospace and space industry of the USA. The main core of the industry of California is, of course, the military industry, the growth of which during the war and especially the postwar years, became one extremely powerful stimulus for further economic development of southern California. Originating in a large scale during the second world war, when the Pacific ocean was the main for the United States a theater of war, the military industry here has grown to monstrous proportions, and formed branched in a diversified complex



Shipbuilding

Shipbuilding United States is inferior in importance to other branches of engineering. It is not competitive with other countries around the world. The largest manufacturers and exporters of marine vessels in the world, besides Japan, are South Korea, Brazil and Taiwan. The shipbuilding centers in the United States are on the Atlantic coast and in the Gulf of Mexico. There is a shipyard in the Great lakes region.

Electrical and electronic engineering

Electrical and electronic engineering USA manufactures products both for industrial and domestic purposes.

The world market for computer control of the American firm, headed "IBM" (IBM), enterprises which in the United States and worldwide employs more than 300 thousand people.

However, part of the consumer electronics not only on foreign but also on their internal experience competition of foreign (especially Japanese) firms.

