

## Project Details

# West siberian metallurgical combine lumber & metal complex

The lumber complex structures are intended to process wood materials (sawmill with up-to-date equipment, processing capacity 10,000 m<sup>3</sup> logs per year).

- **Employer:** West Siberian Metallurgical Combine
- **Location:** Novokuznetsk, Russia
- **Total cost of project:** N/A
- **Years of construction:** 1991 - N/A
- **Category:** Industrial And Energy Supply Plants
- **Status:** Finished
- **Area:** 0 m<sup>2</sup>
- **Contractor:** Progres

### Detail design:

[Energoprojekt](#), MDD Industry

### Sub-contractor:

Bauplus, Jadran, Prva iskra, Gradjevinar

### Installation Designer:

Montaza, Janko Lisjak, Svetlost, Romanija

### Project Manager:

Faculty of Civil Engineering

## Photo Gallery



## Information

Chipboard factory has the production capacity of 60,000 m<sup>3</sup> of chipboard plates per annum, and as the third one, there is a furniture factory with three separate plants - boards and plates, upholstery, and production of polyurethane. The annual capacity:

- 15,000 upholstered sets,
- 15,000 living-room sets,
- 15,000 bedroom sets,

- 40,000 mattresses,
- 20,000 kitchen sets

and so, looking at this capacity, the factory is ranks among the largest in the world.

§ Attached to the Lumber complex, there is a series of auxiliary buildings.

§ The metal complex structures are intended to produce sanitary fittings, folding mechanisms, metal furniture and tools.

§ The furniture factory has an annual production of 60,000 different folding mechanisms, 100,000 chairs, 20,000 tables.

§ The production of metal furniture is the combination of metal-wood (table) and metal plastics (chair). The technological equipment is modern and flexible enough to allow the production of other, products, especially garden and camping furniture.

§ The tool shop is fitted with the most modern equipment to produce tools, accessories, control-measuring instruments, etc.

§ Administrative & office building has a sanitation block, kitchen, restaurant, offices, cloakrooms, technical rooms and rooms for rest and recreation. Attached to it are auxiliary buildings.

§ Control and regulation of production is by automatic system, consisting of a set of independent units combined into a functional integral system:

- information system for production control/monitoring;
- communication and signalization system (telephone, public-address, video, etc);
- fire-fighting system for automatic fire warning;
- graphic stations for designing new furniture models by PC computers;
- working hours control system.

§ Automatic telephone exchange serves the entire Combine. It is digital and automatic with 9,000 numbers, type MD 110, for simultaneous transmission of speech and data, made by "Ericson", Finland.

## **Press clipping**

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