



LLC «IVSTANKOPROM»

Production capacity

LLC «Ivstankoprom» is the modern manufacturing enterprise specializing in capital repair and modernization of different types of the metal-cutting equipment.

The enterprise has own production base.

In structure of the enterprise there are a production department, design-technology department and department of industrial electronics.

All staff of the enterprise is the highly qualified skilled specialists capable to provide performance of the most difficult technological tasks.



Technological capability



The company has the technologies allowing to carry out repairs of difficult processing equipment. Among the implemented projects - capital repairs of machines of various types:

Horizontally boring:

Skoda W200, WD200, W160, IR1600, IR1250, 2A636, 2A637, 2A620, 2A622, W100.

The processing centers:

IR200, IR320, IS500, IS800, IR500, IR800.

Longitudinal milling and boring:

6M612, 6M616, NS-212.

Turning and rotary, turning:

1516, 1525, 1540, 1A64, 16A20F3.



Design-technology base

The design division includes group of the designers-mechanics and designers of electric equipment having wide experience of design of CNC machines and also special machines and devices.

The carried-out tasks:

- predesign calculations;
- development of working drawings of machines (on the basis of the programs SolidWorks, EPlan);
- design maintenance during production;
- tests of again manufactured machines;
- preparation of the supporting documentation;
- continuous monitoring of the machines working for customers.

Design-technology base

The design division possesses big archive of earlier implemented projects, including all working drawings on the following machines:

- the processing IR200, IR320, IR500, IR800, IS500, IS800 centers and their modifications;
- horizontally boring IR1250 machines and their modifications;
- horizontally boring machines 2A636, 2A637;
- horizontally boring machines 2A620, 2A622, 2B620, 2B622;
- heavy boring IR1400 and IR1600 machines and their modifications;
- flexible production lines;
- special machines of different function.

Experience on repair and modernization

1. The designer, the mechanics and servicemen performing works on modernization participated in development of machines at manufacturer and their introduction at customers.
2. The materials used at repair are similar to those which are applied during creation of new machines. At the same time all modern developments in this area take root:
 - antifrictional materials, composite materials;
 - accessories by a hydraulic and electric part.
3. Monitoring of machines at customers allows to reveal their weaknesses which are eliminated in the course of modernization.
4. In the course of modernization the capacity of machines, reliability and convenience of service and also further maintainability considerably increases.

Modernization of machines of IR1600 series

Machines after modernization allow to bring the equipment to the new technological level comparable to new similar machines at smaller expenses.

On machines is established:

1. CNC modern system and drive.
2. New hydroelectric power station.
3. New boring spindle
4. Installation of new ShVP on axis X (up to 8 meters).



The implemented projects on repair and modernization of IR1600MF4 machines

2013.

Capital repairs and the modernization_IR1600PMF4 center

Customer: LLC Russtankoinstrument, for JSC ON Barrikady, Volgograd



IR1600MF4

The main realized requirements:

1. CNC system, drive, engines of Siemens.
2. New ShVP on axis X of long 8 meters is established.
3. All basic details are ground.
4. The new hydraulic system with new hydroelectric power station is established.
5. The spindle is established new boring.
6. The new rotary and mobile table of Skoda, E20 model is built-in.

The implemented projects on repair and modernization of IR1600MF4 machines

2014.

Capital repairs and the modernization_IR1600PMF4 center

Customer: LLC Russtankoinstrument, for JSC ON Barrikady, Volgograd



IR1600MF4

The main realized requirements:

1. CNC system, drive, engines of Siemens.
2. New ShVP on axis X of long 8 meters is established.
3. All basic details are ground.
4. The new hydraulic system with new hydroelectric power station is established.
5. The spindle is established new boring.

The implemented projects on repair and modernization of IR1600MF4 machines

2014.

Modernization of the heavy processing center IR1600PMF4
Customer: JSC ZiO-Podolsk.



The main realized requirements:

1. The spindle is established new boring.
2. New telescopic protection is established.
3. Audit of a reducer of the drive of movement on axis "X", a ShVP screw extension at a size – 0.4 mm (Section 9.4.1. RE) and elimination of side plays in the movement drive on axis "X".

The implemented projects on repair and modernization of IR1600MF4 machines

Capital repairs and modernization of IR1600MF4 (without export of the main basic details) Customer: JSC Kurganmashzavod.



The main realized requirements:

1. CNC system, drive, engines of LLC Balt Sistem.
2. The new hydraulic system with new hydroelectric power station is established.
3. The spindle is established new boring.
4. Adjustment of the bed is made.



The image shows a large industrial facility with a high ceiling and steel beams. In the foreground, there are large orange industrial machines, possibly presses or mills. In the background, several workers in blue overalls are visible near a blue ladder. The overall scene is a busy manufacturing environment.

LLC «IVSTANKOPROM»

**WE INVITE TO MUTUALLY ADVANTAGEOUS
TO COOPERATION!**

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