



# CENTER OF THE TOOLING PRODUCTION



**Togliatti city**



LTD «Volgaindusttechequipment»  
(LTD «VITE»)



**HIGH QUALITY OF WORK IS  
GUARANTEED DUE TO  
INTRODUCTION OF:**

- Software product Unigraphics NX;
- High-quality cutting equipment tool;
- CNC machines with the ability to 5-axis processing and control and measuring devices cars.

## MAIN DIRECTIONS:

**Modeling, projecting, development of constructive documentation and 3D models for the manufacture of dies, molds, gauges, machine tools.**

**Precise machining.**

**Tooling manufacturing according to the technical specification or drawings of the customer.**

**Metalworking and coating of metals.**

**Manufacturing of other finished metal products.**



**Dies**



**Molds**



**MACHINE  
ACCESSORIES**



LTD «Volgaindusttechequipment» IS A MEMBER OF THE TOSED (TERRITORIES OF ADVANCED SOCIAL AND ECONOMIC DEVELOPMENT), HAS OBTAINED A QUALITY MANAGEMENT CERTIFICATE, INTERNATIONAL CERTIFICATION ISO 9001:2015 AND RUSSIAN GOST R ISO 9001-2015



Government support for TOSED residents is provided in the form of preferential taxation, which significantly increases their price competitiveness.

#### THE COMPANY'S ACTIVITY IN THE GENERAL CONDITIONS OF TAXATION

**Profit tax — 20 %**

**Property tax — 2 %**

**Insurance premium — 30%**

#### BENEFITS OF A TOSED RESIDENT —LTD «Volgaindusttechequipment»

**Profit tax — 2 %**

**Property tax — 0 %**

**Insurance premium — 7,6%**

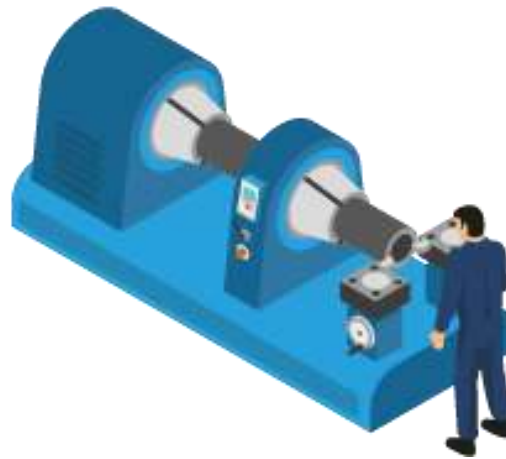




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## TOOLING

It is used for processing, installing and fixing parts on the machine, as well as for transporting and performing assembly operations.

## OUR SPECIALIZATION



**Molds** are a sophisticated devices for manufacturing products of various configurations from metals, plastics, rubber and other materials by the pressure created on injection molding machines.



**DIE** is a form for processing materials by pressure. Dies are used for stamping - the manufacture of metal and plastic products by applying pressure to the workpiece.



### MECHANICAL PROCESSING OF COMPONENTS

- Milling
- Lathe
- Grinder
- Electroerosion
- Locksmith and tool works



Production of **PROTOTYPES OR MASTER MODELS** - creating a technical sample of a product (product) that can be tested, evaluated its functionality, properties, and other characteristics before launching small-scale or mass production.



**MACHINE TOOLS** - technological equipment of a certain type used for reliable fixing and correct placement of the workpiece on the machine for the purpose of subsequent machining.





**GAUGES**



**SPIN-FORMING  
INSERT**



**PUNCHES**



**EXTRUSION DIES ACCOMMODATION**



**CONDUCTOR**



**HOLDERS**



**MONITORS**



**COUPLING**



**DIES**



**MOLDS**



**NON-STANDARD  
EQUIPMENT**



**RESPONSIVENESS**

Fast response to incoming requests and 24/7 production schedule

**PRICE**

Due to the preferential taxation, the costs are reduced

**STAFF**

Availability of specialists with more than 20 years of experience in tool manufacturing

**COMPLEX APPROACH**

From design and production to transfer to a transport company

**QUALITY CONTROL**

We produce high-precision products - all parts are checked for CMM



**ANOTHER IMPORTANT ADVANTAGE OF  
OUR COMPANY IS CONVENIENT  
LOGISTICS**

**TOGLIATTI IS  
CONVENIENTLY  
LOCATED IN THE  
CENTER OF RUSSIA**

**WIDE COVERAGE  
AREA. UNLIMITED  
POSSIBILITIES OF  
INVESTMENTS  
ATTRACTION**

**SAME DISTANCE  
FOR ALL CITIES**

**REDUCING LOGISTICS  
COSTS ⇒ REDUCING THE  
COST OF PRODUCTS**



## ▶ PROCESSING CENTERS WITH CNC

Vertical milling processing centers



## ▶ METALWORKING PROCESS



## ▶ ELECTROEROSIVE EQUIPMENT

Piercing and wire machines



## ▶ GRINDER EQUIPMENT

Flat and round grinding machines



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### TREATMENT OF DETAILSON CNC MACHINES

#### MILLING PROCESSING

- processing accuracy up to quality IT6, table size, mm 1200x500

#### CUTTING

- ▶ processing dimensions: (x, y, z) 1200x500x300mm

#### LATHE PROCESSING

- processing accuracy up to quality IT6

#### LATHE WORK

- ▶ processing dimensions: Ø 420, length 1000 mm

#### Electroerosive Processing

- processing accuracy up to quality IT5

#### WIRE-Cut-OUT

- ▶ the size of the table: 750x650x255 mm

#### COPY-FIRMWARE

- ▶ the size of the table: 800x515x320 mm

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### UNIVERSAL PROCESSING

#### GRINDING

- processing accuracy up to quality IT6

#### ROUND OUTER GRINDING

- ▶ processing dimensions: Ø 150, length 400 mm

#### INNER GRINDING

- ▶ processing dimensions: Ø 100, length 150 mm

#### FLAT GRINDING

- ▶ processing dimensions: (x, y, z) 630x320x350 mm

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### MEASUREMENT AND CONTROL OF PRODUCTS ON THE CMM

#### PERFORMING MEASUREMENT AND CONTROL OPERATIONS

- Accuracy +/- 2 microns

#### CMM Carl Zeiss Contura G2

- ▶ measurement range: (x, y, z) 1000x1600x600 mm

THE FOUNDATION OF OUR BUSINESS IS MEDIUM VOLUME, SMALL BATCH AND INDIVIDUAL PRODUCTION OF PARTS (INCLUDING DESIGN OF TOOLING, SPECIAL CUTTING AND MEASURING TOOLS), ALSO DESIGNING AND MANUFACTURING SPECIAL EQUIPMENT AND TOOLS.

## Special processes



## Mechanical treatment



Preparation works

Lathe work

Milling

Electroerosive processing

Grinding

Gear treatment

Control on CMM



1

**LARGE AND MEDIUM-SIZED RUSSIAN MACHINE-BUILDING ENTERPRISES**

2

**ENGINEERING CENTERS, DESIGN INSTITUTES, TOOL MANUFACTURERS**

3

**TECHNOLOGY AND INDUSTRIAL PARKS**



**Union " Trade-chamber of industry Tolyatti»**



**Economic development Agency of Tolyatti**



**AMEE " Cluster of the automobile industry of the Samara region»**



**Territory advanced social-economic development**



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**WE INVITE YOU TO COOPERATE IN  
PURPOSE TO PLACE ORDERS FOR THE  
PRODUCTION OF TECHNOLOGICAL  
EQUIPMENT AT OUR PRODUCTION  
FACILITIES**

