

If you have a little time I will gladly want to present my company. Company MV METAL PROFI is a family firm based in Serbia. We are a young and dynamic company composed by a group of technical qualified specialized to work even nationally and internationally,

### COMPANY PRODUCTS

#### 1. DEVELOPMENT DESIGN STUDIO.

We have our own development studio, with a workshop that is used for making parts, assemblies or whole machines in the process of prototyping, because we can offer our customers:

- Technical support to associates
- Preparation of CAD/CAM documentation at the customer's request with prototype design.

#### 2. PRESS FORMATION TOOLS AND INJECTION TOOLS

Our expert team with many years of experience in the field of tool construction and tool making, is able to, based on the data obtained from customers, realize complex projects in a very short time in individual solutions.

- Production / Processing of 3D Modeling, 3D surface modeling
- Redesigning constructions from 2D and 3D areas according to your ideas
- Creating 2D and 3D NC programs up to HSC programming and NC programs
- Export / import for all standard formats (IGES, VDAFS, STEP, STL, DXF, DWG)

#### 3. CNC MACHINING

- We doing all king material you need.
  - Hard metal: steel, stainless steel, mild steel
  - Soft metal: iron, brass, bronze, aluminum,
  - Cast Material
- Mechanical process (lathe, milling, grinding round and plate, drilling) – in our shop
  - Thermal treatment (annealing, improving, tempering, cementing, brunching, ionic-nitriding, carbo-nitriding ) – we give to outsource
- Surface treatment
  - cold and hot zinc plating – all color, chromium, anodizing – we give to outsource
  - painting and powder coating – we give to outsource (10 km radius)

#### 4. SYSTEMATIC METAL STRUCTURE

- Welded construction
  - [Water treatment](#) (design and production metal structures),
  - [Transportation containers](#) (standard, special, on demand),
  - Sheet metal services,
- Robotic Welding. Systems can use all type of welding (MIG, TIG, spot and laser), powdering and painting, manipulation:
  - [System Robot + Table](#), (can go rotary or specific)
  - [System Robot with assembly applications](#)
  - [Robot with tool change](#)
  - [Precision tools](#). We make tools for welding for all area of welded construction.

## 5. AGRICULTURAL MACHINES

All kinds of implements

- **Agriculture machine**
  - Simple machine (Disc harrows, Plows, Seeders, Sprayers, Mowers) and
  - Automatic machine for seeding (Automatic Nursery Seeding Machine)
- **Hydraulic and cylinder - AGRICULTURAL MACHINES and AUTOMOTIVE**
  - Hydro brake cylinders and brake correctors for passenger cars and vans
  - Servo devices for passenger cars and vans
  - Clutch cylinders for trucks and passenger cars
  - Hydro Brake cylinders for trucks and industrial trucks and tractors

## 6. AUTOMATIC LINE FOR FOOD INDUSTRY

This machinery can be used as food industry equipment for filling liquid of different viscosity in bottles and cups and in here we mean

- Automatic Line and machine for filling in cup with capacity 1.500 to 12.000 cups per hour;
- Automatic lines and machine bottles capacity 1500 to 30000 bottles per hour. [DESIGN](#);
- Automatic plant for UF CHEESE and WHITE CHEESE [Brochure](#) and [Video](#)

## 7. SOLAR ENERGY

In our offer includes a system that provides

- Manufacture of electric energy on several levels (1 kW, 2 kW, 5 kW, 10 kW, 20 kW)
- Solar heating systems of water (volume of 100L, 150L, 200L, 250L, 300L, 400L, 500L)

## 8. WATER TREATMENT

We are the company with a wide experience in environmental, energy and water sectors, which main activity is the development and supply equipment for the treatment of Water also with our own marks who define the different offered services of engineering and technical assistance for project and works and at the same time with our own patents of equipment's for water treatment and element to be used in the treatment water sector

From our company in this area you can get:

- Engineering-detail,
- Technology-Supply and consultancy
- Draft tenders and construction management
- Information and communications technology.

## COMPANY SERVICES

1. Design and Development
2. Mechanics workshop (cnc and universal),
3. Welding works,
4. Metalcraft works,
5. Mechanical montage works,
6. Electro-installation works,
7. Quality control.
8. External employment as support in company.

in Kragujevac,  
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**Marko Vitakovic**  
CEO / Head of Group Business Development