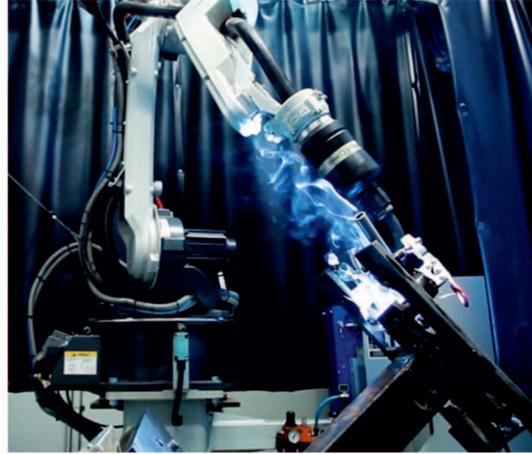


# Services for industry





## About us:



We are a family run company established in 1993. One of the leading European companies in the furniture accessories sector, specializing in the production of furniture accessories from wire, pipe, sheet steel and aluminum profiles. The REJS brand is not only well-known in the furniture industry. Simultaneously, we are developing our services activities in the metalworking field. We work with very demanding clients, thanks to which we are constantly improving our production processes. We carry out orders for various industries, including; furniture, medical, advertising and automotive. We sell our products at home and abroad, to; Germany, Sweden, Norway, Finland, Denmark, France, Great Britain, Russia and Australia.

The experience gained through the completion of many special orders, has allowed us to refine our customer service standards. These are primarily: optimal calculations, timeliness of orders and high quality performance.

High engineering competence in design, programming and quality control, providing solutions that maximize the use of raw materials, whilst achieving excellent quality from the latest technologies leading to price competitiveness. A professionally prepared tooling department gives us the ability to prepare construction documentation and tooling production in-house. We carry out orders from entrusted projects but we also deal with the development of technological solutions based on CAD-CAM and SOLID. Efficient and professional communication with clients, facilitates contact and accelerates the execution of orders. Modern machines based on the latest technologies, guarantee the speed and reliability of order implementation.



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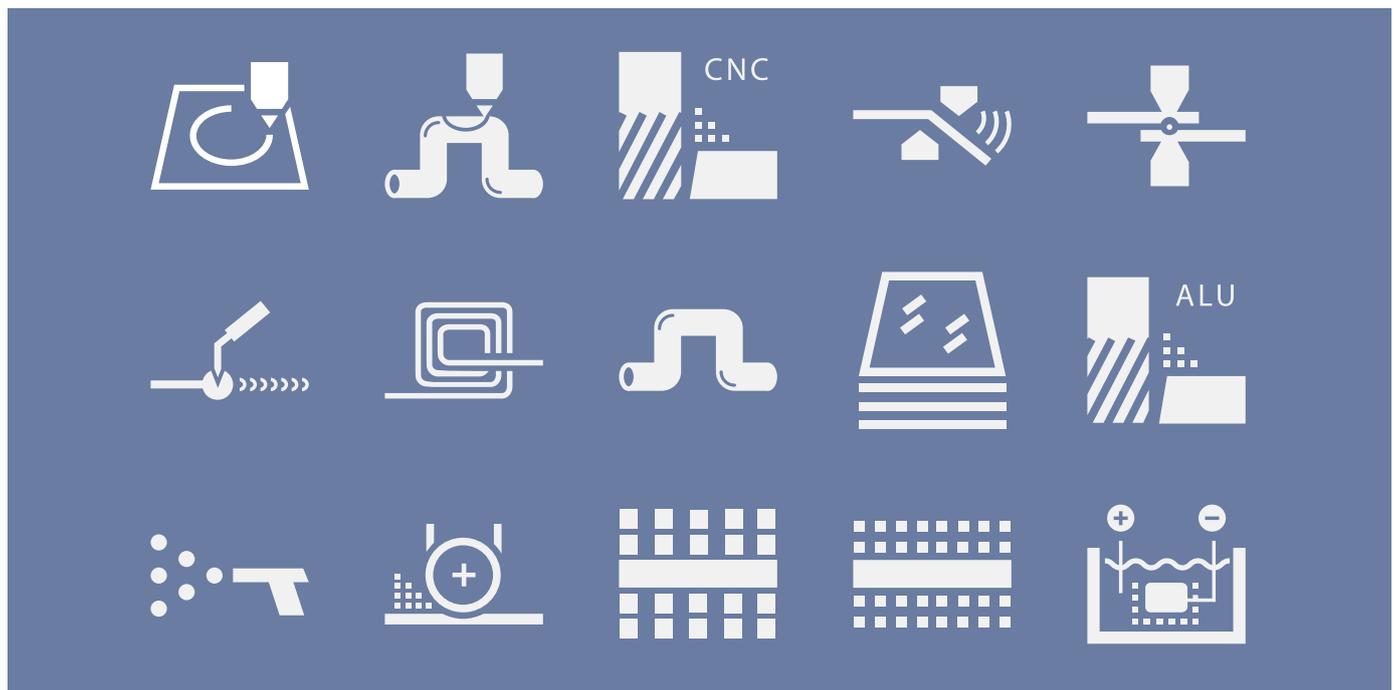
[www.rejs.eu](http://www.rejs.eu)





## We offer services in the following fields:

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## Laser sheet processing

### Laser sheet processing

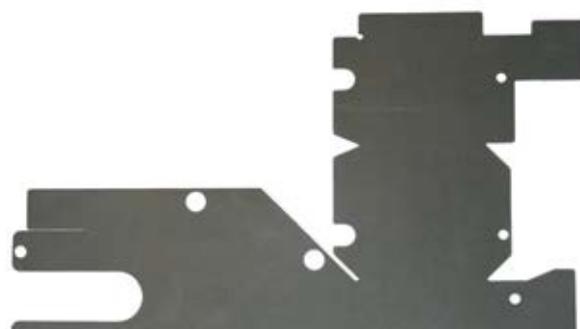
- machine type: laser
- producer: Mazak
- type: Hypergear 4000W

#### Laser cutting 1500 x 3000 mm surface area:

- constructional steel up to 16mm
- stainless steel up to 10mm
- aluminum up to 6mm

#### We guarantee:

- any shape complexity
- perfect repeatability: head positioning precision  $\pm 0.01 / 500$  mm
- maximum use of material





## Laser and mechanical profile processing

### Laser processing of 2D and 3D profiles

- machine types: lasers for profile processing
- producer: BLM
- types: LT8, LC5, LT FIBER

#### Laser processing:

- round profile cutting
  - from  $\text{Ø}12$  to  $\text{Ø}240$  mm
- cutting profiles with a rectangular section
  - min. 12 mm x 12 mm, max. 200 mm x 200 mm
- maximum length: 6500 mm
- black steel, acid-proof steel, aluminum, copper, brass
- capability of cutting in closed / open profiles / specialised
  - 3D head
- angle cutting capability - 3D head

### Mechanical pipe and profile processing on automatic cutters

- type of machine: automatic cutter
- producer: BLM
- type: ADIGE TS72

#### Mechanical processing:

- cutting pipes with a circular, square and rectangular cross-section.
- circular pipe cross-section with a diameter from  $\text{Ø}10$  to  $\text{Ø}102$  mm
- for a square cross-section from 10 x 10 to 80 x 80 mm
- for a rectangular cross-section from 15 x 10 to 100 x 80 mm
- for bars from  $\text{Ø}12$  to  $\text{Ø}40$  mm
- deburring ends of cut material





## CNC machining

### CNC machining on automatic lathes

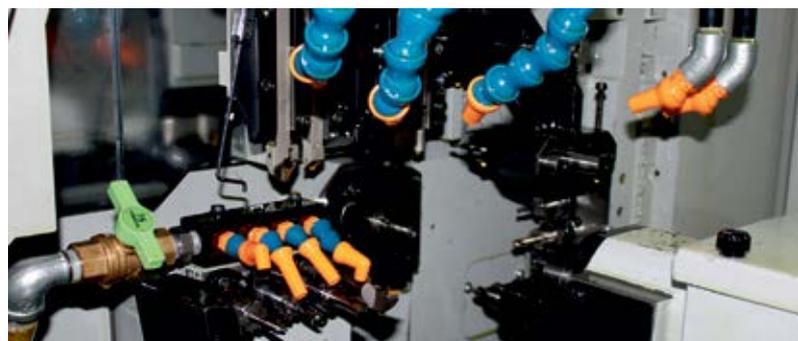
- types of machines: automatic lathes
- producer: STAR
- type: SR20R, SB16

#### Processing of round bars up to 20 mm in diameter

- free machining steel
- structural steel
- stainless steel
- colored metals
- POM / PA material

#### We offer:

- turning with the possibility of milling
- drilling and transverse threading
- eccentric drilling and threading





## CNC machining

### CNC machining on milling centers

- machine types: three-axis and five-axis milling centers
- producer: DMG MORI
- type: DMU monoBLOCK 60, ECOMILL 1035 V

#### We offer:

- machining on five-axis centers: details with a maximum size of 600 x 500 x 500 mm (length x width x height)
- machining on three-axis centers: details with maximum dimensions of 1000 x 500 x 400 mm (length x width x height)
- workpiece dimensions verification with a measuring probe with an accuracy of 0.001 mm
- head positioning with an accuracy of 0.005 mm (perfect repeatability and accuracy of workmanship)





## Metal forming

### Metal forming

- machine types: brake press
- producer: AMADA, VIMERCATI
- type: AMADA HFT 50-20, AMADA HFE M2 50-20 and VIMERCATI PHS 3000

### Machining scope:

- bending metal sheets up to 6 mm thick
- maximum bending length - 3000 mm
- sheet folding to a thickness of 1.5 mm
- cutting sheet metal on a guillotine to a thickness of 6 mm and a length of 3000 mm
- services on hydraulic and eccentric presses with pressure from 10 to 200 T





## Spot Welding

### Spot welding, automatic welding, butt welding

#### ASPA spot welders:

- nominal power 25 ÷ 40kVA
- maximum thickness of welded materials 8/8 mm

#### VARO automatic welding machine for metal nets/meshes:

- rated power of 260 kVA, 350 kVA
- maximum net/mesh size for Ø2 mm wire 900 x 1200 mm
- maximum net/mesh size for wire from Ø3 to Ø10 mm 1800 x 2700 mm

#### ASPA Butt welding:

- rated power 7 kVA
- diameter of welded wires Ø4 ÷ 14 mm





## Welding

### Welding

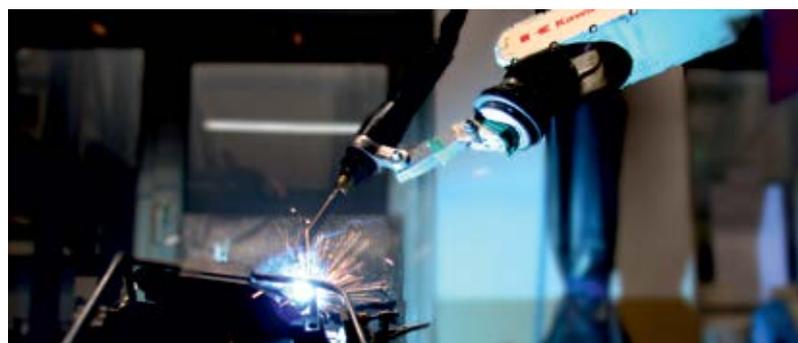
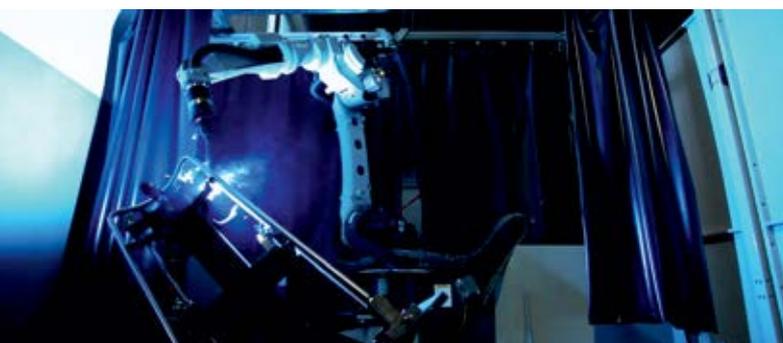
- type of machines: robotic welding stations
- manufacturers: KAWASAKI, PANASONIC
- types of machine: welding semi-automatic machines
- manufacturers: KEMPI, MIGATRONIC, FRONIUS

#### We offer the following welding methods:

- TIG
- MIG/MAG

#### Materials:

- structural steel
- stainless steel
- aluminium





## Wire processing

### Wire processing on automatic bending machines

- type of machines: wire bending
- manufacturer: WAFIOS, VARO
- types: BM5, BM4, BM3, BM41, BT4

#### Processing scope:

- straightening and cutting of wire with a diameter of 1 to 12 mm
- bending wire with a diameter of 1 to 12 mm
- tip chamfering
- butt welding
- min. bending radius R-1 mm
- an unlimited number of multifaceted bends on one element





## Pipe and profile processing

### Pipe and profile processing on bending centers

- machine type: bending machines
- manufacturer: WAFIOS, MACRI, BLM
- types: WAFIOS BT10 and MACRI 60,
- BLM E-TURN 35, BLM E-TURN 32

#### Processing scope:

- bending pipes up to  $\text{Ø}60$  mm in diameter
- bending of oval and square profiles
- bending rod up to  $\text{Ø}18$  mm
- maximum length 6000 mm
- bending repeatability  $\pm 0.1^\circ$





## Glass processing

### Glass cutting

**Glass cutting table REV 372PR provides the following services:**

- glass cutting with a thickness of 3 ÷ 19 mm
- maximum glass pane dimensions 3710 x 2600 mm
- precise reading of shapes from a template made of any material

### Edge processing

**Machining center ALPA 315-4N provides the following services:**

- edge machining on C-edge and Trapezoid
- plate thickness from 3 ÷ 19 mm
- maximum glass pane dimensions: 1500 x 3000 mm

### Washing

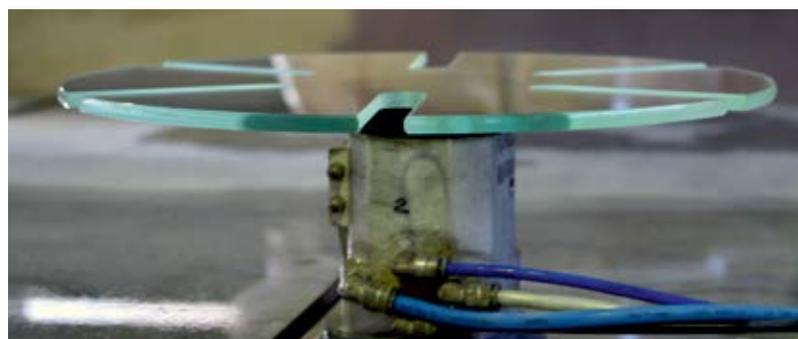
**The MS-1 horizontal washer provides the following services:**

- glass washing after the machining process
- maximum glass width: 1200 mm
- maximum length: 2600 mm
- minimum format of the washed glass: 200 x 200 mm

### Drilling holes

**The WD-1 horizontal drill provides the following services:**

- drilling holes in glass of any thickness
- hole diameters from 3 ÷ 70 mm
- maximum distance of the drilled hole from the edge of the glass: 500 mm
- minimum distance of the drilled hole from the edge of the sheet: 5 mm





## Aluminum processing

### Aluminum processing

Double-headed saws provide the following cutting services:

- adjustment of the cutting angle in the range of 15° - 90°
- length range 200 ÷ 4200 mm
- cutting of closed and open profiles

Standard equipment for aluminum processing:

- milling
- turning
- drilling
- threading
- punching
- bending





## Powder coating

### Powder coating

- machine type: semi-automatic painting lines

#### We offer the following services:

- electrostatic powder application
- dimensions of chambers 4000 x 600 x 1200 mm (length x width x height)
- a full range of RAL colors

#### Preparation of the surface before painting:

- washing
- phosphating for steel
- chromating for aluminum





## Surface preparation: grinding and polishing

### Grinding and polishing of pipes, rods and profiles

We have equipment for professional surface preparation for galvanic coating:

- type of machine: grinders

#### **Six-headed centerless grinder (Loeser RPS 374):**

- for pipes from  $\varnothing 6$  to 80 mm and lengths from 100 to 3000 mm
- for bars from  $\varnothing 6$  to 40 mm and lengths from 100 to 3000 mm

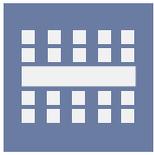
#### **Grinding machine for flat surfaces**

- maximum width of the element 280 mm
- maximum length 3000 mm

#### **Grinding machines for round bent tubes**

- for diameters from 16 to 80 mm





## Surface preparation: vibration-abrasive machining

### Tumble finishing small elements (aluminum, steel, zinal)

We have equipment for professional surface preparation for galvanic coating

- type of machines: barrel tumbling, vibratory tumbling

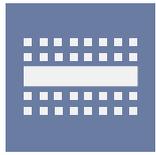
#### Vibratory tumbling:

- maximum length of the element 1800 mm
- maximum load of 200 kg

#### Barrel tumbling

- maximum length of the element 500 mm
- maximum loading of 1000 kg





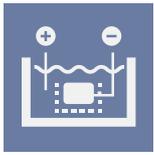
## Surface preparation: sand and glass blasting

### Sandblasting and slipping of small elements (steel, aluminum, stainless steel)

We have equipment for professional surface preparation for galvanic coating

- type of machine: automatic blasting chamber
- maximum size of the element 800 x 800 x 1000 mm





## Galvanizing

### Galvanic services

- machine types: four automatic lines for applying galvanic coatings

#### We offer the following types of coatings:

- gloss nickel
- gloss chrome
- copper from a cyanide bath
- copper from acid bath
- brass technical (for patination)

#### Galvanic service parameters:

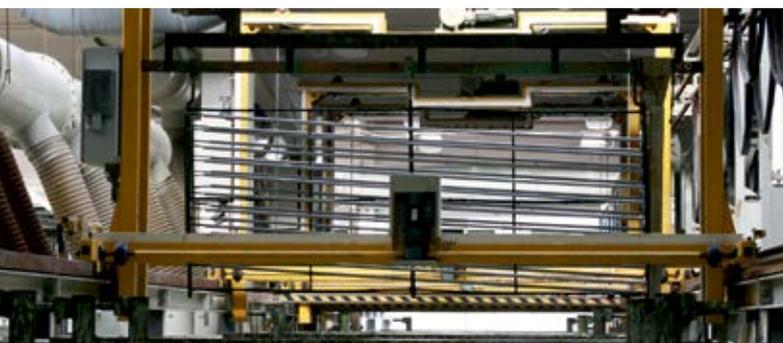
- maximum length of elements: 3000 mm
- maximum width of elements: 460 mm
- maximum height of elements: 1200 mm

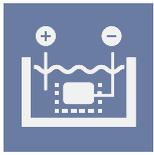
### We also offer services for:

- plating of steel elements with chrome trivalent ( $\text{Cr}^{+3}$ )

#### Galvanic service parameters:

- maximum length of elements: 1700 mm
- maximum width of elements: 540 mm
- maximum height of elements: 1000 mm





## Galvanizing

### Galvanic services

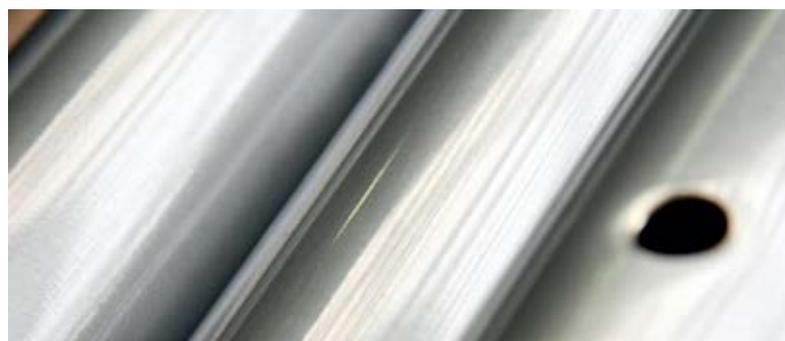
- automatic line for satinizing steel and zamac elements

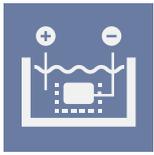
#### Satinizing services parametres:

- maximum length of 3000 mm elements
- maximum depth of elements: 900 mm
- maximum width of elements: 460 mm
- anodizing line for applying oxygen coatings on aluminum

#### Anodizing services parametres:

- maximum length of elements: 4000 mm
- maximum depth of elements: 1600 mm
- maximum width of elements: 800 mm





## Galvanizing

### Galvanic services

- automatic hanging line for alkaline zinc plating

### Galvanizing services parameters:

- maximum length of elements 3000 mm
- maximum depth of elements: 1900 mm
- maximum width of the element: 800 mm



# We look forward to doing business with you!



Please submit all enquiries and orders to the contact addresses provided below.

In order for us to get back to you as quickly as possible please include:

any technical drawings in DWG, DXF, IGES or PDF format

order quantities and frequency

deadlines and time scales.

## Give us a try!



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