

Production services



About us

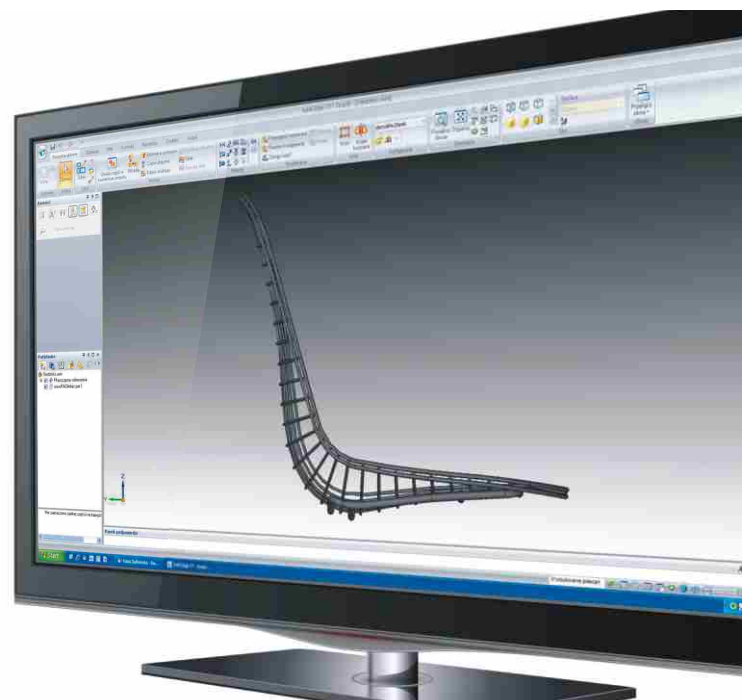
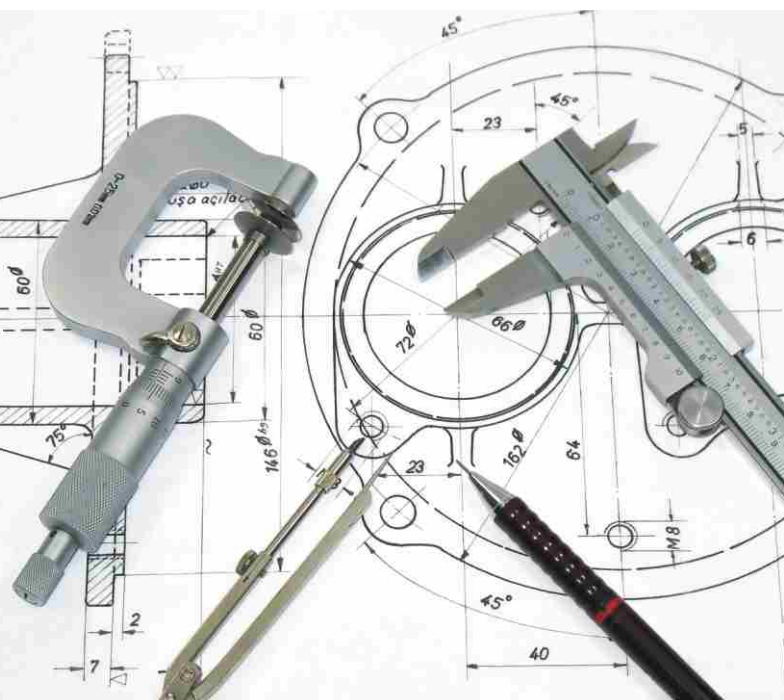


REJS is a family business founded in 1993, a successful and dynamically growing company recognized as one of the leading producers of furniture accessories in Europe. We are experts in production of wire, steel and aluminum fittings. Our products are broadly distributed over our domestic market. They are also present abroad, including Germany, Sweden, Norway, Finland, Denmark, France, Great Britain, Russia and Australia.

Since several years of its successful development REJS have gone far beyond furniture business. Taking an advantage of modern machinery park and highly competent staff of engineers REJS provides a vast range of outer services in metal processing area. We act as a subcontractor and supply retail, advertising, medical and automotive industry. We support our partners at every stage of product design and development and our professional tooling department supplies all necessary tools to make production processes easy and most effective.

Great experience in non-standard production, an individual and customer oriented approach, accurate calculations, on-time deliveries and high quality are our basic standards!

Feel free to try us out!



Range of services:

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Laser cutting



Laser cutting

- Type of machine: Laser
- Manufacturer: Mazak
- Model: 4000W HyperGear

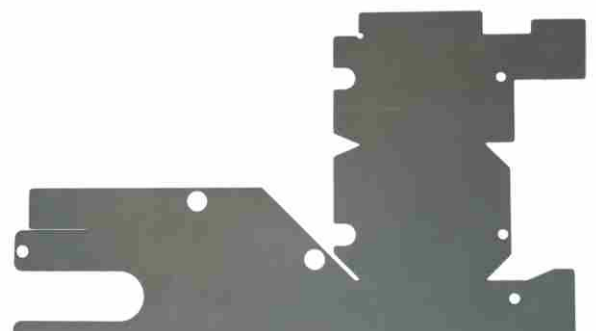
Head working area 1500x3000 mm:

Max. material thickness

- Structural steel up to 16 mm
- Stainless steel up to 10 mm
- Aluminum up to 6 mm

We assure:

- any shape of the element
- perfect recurrence: head positioning precision $\pm 0.01 / 500$ mm
- optimal use of the material



CNC machining



CNC machining

- Type of machine: CNC Lathe
- Manufacturer: STAR
- Models: SR20R, SB16

Machining of round bars in diameter from Ø5 up to Ø20 mm.

Material range:

- easy-machining steel
- constructional steel
- stainless steel
- non-ferrous metals
- POM / PA material

We offer:

- turning with milling capability
- transverse drilling and threading
- eccentric drilling and threading



CNC machining



CNC machining

- Type of machine: Five-axis milling center
- Manufacturer: DMG
- Model: DMU monoBLOCK 60

We offer:

- Fast and accurate machining of complicated details, that would be time consuming, uneconomic or simply impossible to produce by ordinary CNC milling centre.
- Control of the processed detail with a measuring probe with an accuracy of 0.001 mm
- Perfect repeatability and accuracy of detail, head positioning accuracy of 0.005 mm
- Maximum outer measurements of the machined part: 600x500x500 mm (length / width / height).

The milling centre is integrated with 24 tool magazine.



Press brake bending



Press brake bending

- Type of machine: Press brake
- Manufacturer: AMADA, VIMERCATI
- Model: Amada HFT 50-20, AMADA HFE, Vimercati M2 50-20, Vimercati PHS 3000

Bending parametres:

- maximum thickness of the metal sheet 6 mm
- bending lenght up to 3 metres
- folding of edges (metal thickness up to 1.5 mm)

We also offer:

- sheet metal cutting (guillotines) - up to 6 mm thick and 3000 mm long
- sheet metal forming (hydraulic and eccentric presses) – press power between 10 and 200 T.



Spot welding



Spot welding

ASPA single point welders:

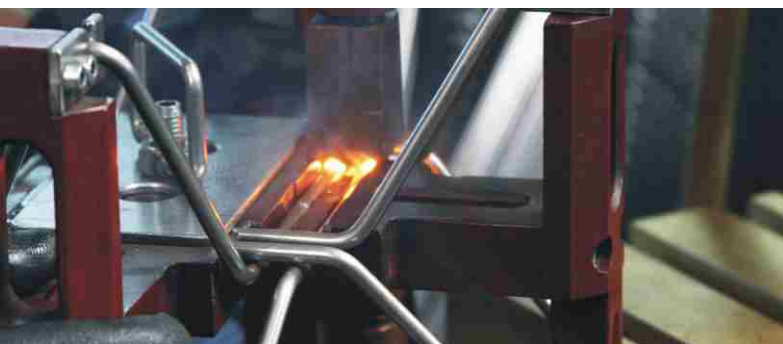
- rated power 25÷40kVA
- maximum thickness of welded materials 8/8mm

VARO automatic multipoint welding tables:

- rated power 260 kVA
- maximum size of the wire mesh
- for wire diameter \varnothing 2 mm: 900x1200 mm
- for wire diameter \varnothing 3-10 mm: 1650x3800 mm

ASPA butt welder:

- rated power 7 kVA
- wire diameter \varnothing 4÷14 mm



Seam welding



Seam welding

- Type of machine: semi-automatic welders
- Manufacturer: KEMPI, MIGATRONIC

Welding methods:

- TIG
- MIG
- MAG

Materials:

- constructional steel
- stainless steel
- aluminium



Wire bending



Wire bending

- Type of machine: CNC wire bending center
- Manufacturer: WAFIOS
- Models: BM5, BM4, BM3, BM41, BT4

Range of processing:

- wire diameter \varnothing 4-12 mm
- wire end bevelling
- butt welding function
- minimum bending radius R-1 mm
- unlimited multifaceted bending performed on one element



Tube and bar processing



Tube and bar bending

- Type of machine: CNC tube bending center
- Manufacturer: WAFIOS, MACRI, BLM
- Models: WAFIOS BT10 i MACRI 60, BLM E-TURN 35

Bender basic parameters:

- tube diameter \varnothing 12 - 80 mm
- bar diameter \varnothing 12 - 18 mm
- oval and square tube bending
- maximum input length 6000 mm
- bending repeatability $\pm 0,1^\circ$

Tube and bar cutting

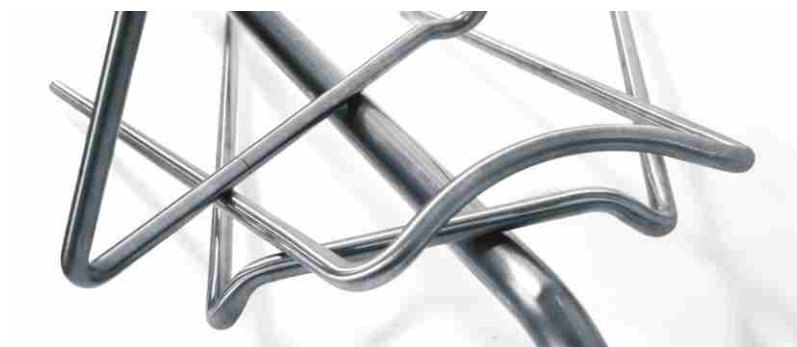
- Type of machine: CNC cutter
- Manufacturer: BLM
- Model: ADIGE TS72

Range of processing:

Cutting round, square, rectangular tube and bar

- round tube diameter \varnothing 10 - 102 mm
- square tube 10x10 - 80x80 mm
- rectangular tube 15x10 - 100x80 mm
- bar diameter \varnothing 12-40 mm

Machine is coupled with a deburring device.



Glass processing



Glass Cutting

CNC glass cutting table:

- glass thickness 3-19 mm
- maximum dimension of pane 3710x2600 mm
- ability to read shape from a template made of any material.

Edge processing

Machining center ALPA 315-4N:

- C-edge and trapeze
- thickness of pane 3-19 mm
- maximum dimension of pane: 1500x3000 mm

Washing

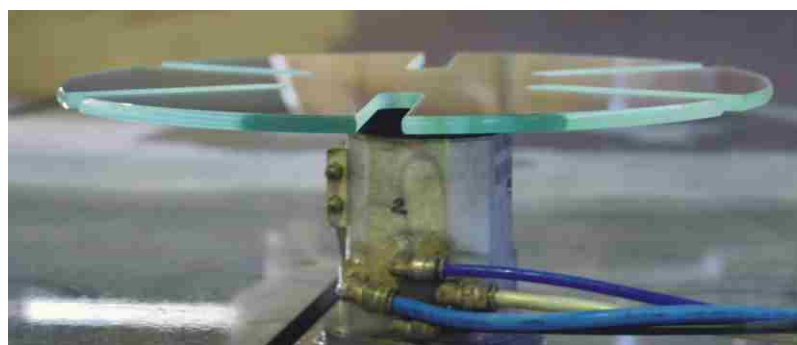
Horizontal washer MS-1:

- washing after machining processes
- maximum width of the glass: 1200 mm
- maximum length: 2600
- minimum dimension of pane: 200x200 mm

Hole drilling

Horizontal drill WD-1:

- drilling holes in glass of any thickness
- diameter of drilling \varnothing 3-70 mm
- maximum position of drilling against the pane edge: 500 mm
- minimum position of drilling against the pane edge: 5 mm



Aluminium processing



Aluminium processing

Two-station CLASSIK ORION aluminium saw:

- cutting angle adjustment
- cutting length range: 200÷4200 mm
- for closed and open profiles

Standard equipment for:

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



Powder coating



Powder coating in 3 semi-automatic coating lines

- electrostatic powder coating
- chamber dimensions 4000x600x1200 mm (length/width/height)
- full RAL color range

Surface treatment before coating

- washing
- phosphate treatment (for steel elements)
- chromating (for aluminium elements)



Grinding and polishing



Grinding and polishing

To ensure highest quality of our products we provide professional surface treatment.

Tube and rod belt grinder (Loeser RPS 374) integrated with a 2-station polishing device:

- Tube diameter from Ø6 to Ø80 mm, length from 100 to 3000 mm
- Bar diameter from Ø6 to Ø40 mm, length from 100 to 3000 mm

Flat surface grinder:

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

Curved tube grinder

- tube diameter from Ø16 to Ø80 mm



Electroplating



Electroplating:

Electroplating in 4 fully automatic electroplating lines

- bright nickel
- bright chrome
- copper
- brass
- technical brass / antic brass

Element measurements:

- maximum length 3000 mm
- maximum width 460 mm
- maximum height 1200 mm

Trivalent chrome plating (Cr^{+3}) available!

Element measurements:

- maximum length 1700 mm
- maximum width 540 mm
- maximum height 1000 mm



Electroplating



Electroplating:

Automatic matt chrome and matt nickel plating line

Element measurements:

- maximum length: 3000 mm
- maximum depth: 900 mm
- maximum width: 460 mm

Aluminium anodizing line:

Element measurements:

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



Electroplating



Electroplating:

Alkali zinc coating line

Element measurements:

- maximum length: 3000 mm
- maximum depth: 1900 mm
- maximum width: 800 mm





REJS

Looking forward to your inquiries!

To send an inquiry or place an order please contact us under the following email address and telephone number. To speed up our response we kindly ask you to:

- provide technical drawings in DWG, GXF, IGES or PDF format,
- define quantity and continuation of the order,
- inform about the required delivery date.

Try us out!



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