





MACHINING – PART PRODUCTION

MACHINE AND GEARBOX OVERHAUL

With decades of experience and tradition, we provide machining services, produce machine parts according to sketch, technical documentation or sample.

* We provide design and technical documentation services.

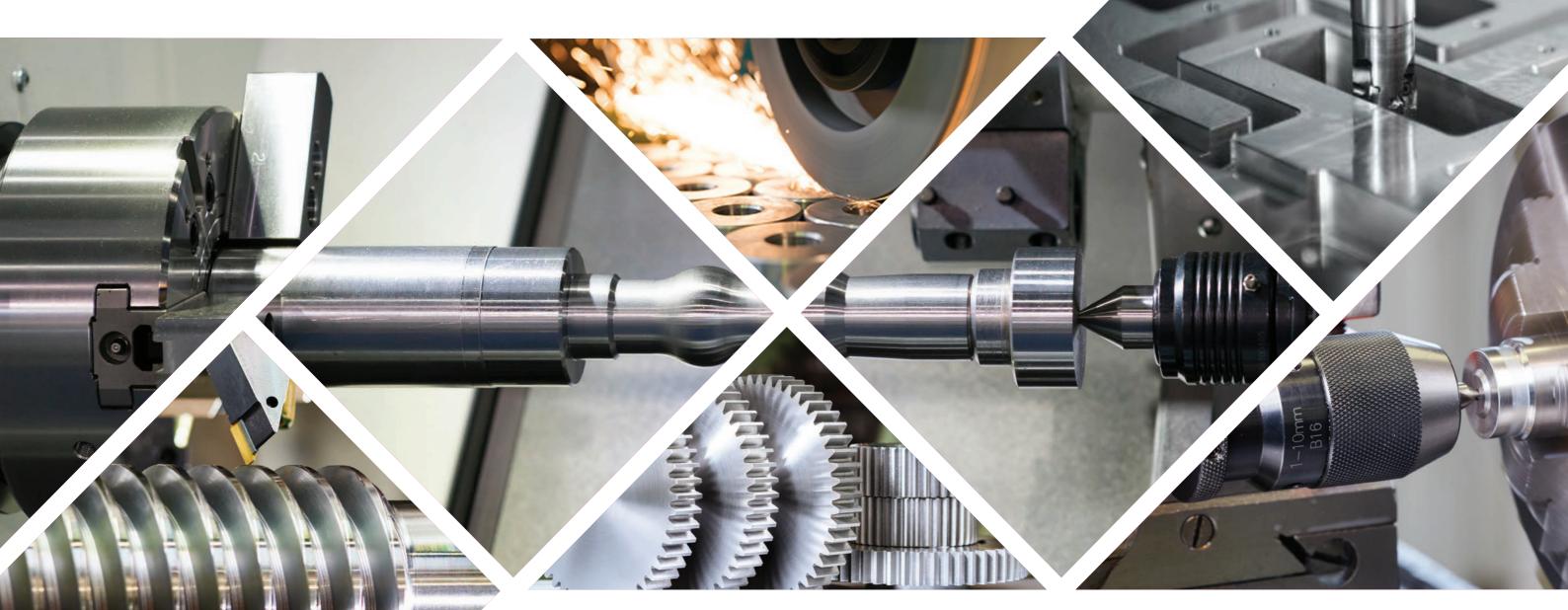
• We repair machines and gear-motors as well as produce their spare parts.

SERRATED PARTS

GEARS

Besides classic machining, we also produce the following serrated parts:

Gears, sprockets, parts with internal gearing, snails and snail carts, geared shafts, gear couplings and laths.



MACHINING SERVICES:

- Scraping
- Milling
- Grinding
- Drilling
- Internal gearing
- Outer gearing

GEARS

IN PRODUCTION PROGRAM

- Spur Gear
- Helical Gear
- Herringbone Gear
- Bevel Gear
- Worm Gear
- Rack and Pinion
- Internal and External Gear
- Face Gear
- Sprockets



EROZIMAT - WIRE CUTTING MACHINE

AGIE 250 HSS SF

We offer wire erosion machining of precise machine elements:

• XYZ stroke: 400 x 250 x 251 mm

Operating angle of the I / O machine: 0 ° - 30 ° C
Maximum work piece size: 860 x 530 x 250 mm

Work piece weight up to 400 kgWire diameter: 0.1 - 0.3 mm





VERTICAL MACHINING CENTER

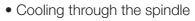
CMX 800V

We offer machine elements processing on vertical machining centers DMG MORI CMX 800V and CINCINNATI SABER 750:

XYZ stroke: 800 x 560 x 510 mm
Working area: 1,100 x 560 mm

• Maximum work piece mass up to 800 kg

• Spindle speed: 20 - 12.0000 rpm















Scroll

Pump Body

Pump Body

Coupling Plate

Adapter Plate

CNC CUTTING

PLASMA & GAS CUTTING SERVICE

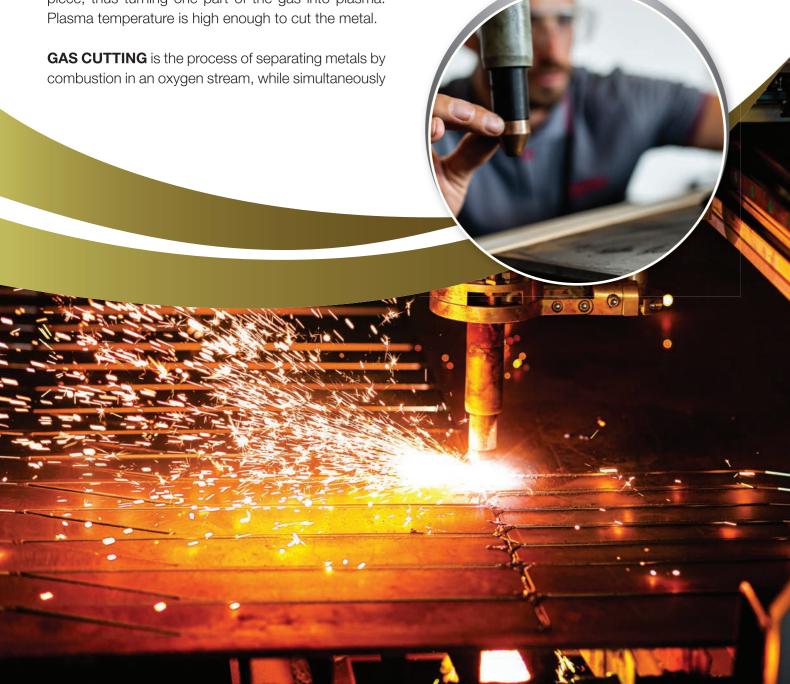
We offer plasma and gas cutting services to our customers. Using CNC machines technologically creates the most economical process of cutting metals, flat materials and tin sheets. With this technology, we get high-performance and high-quality cutting. The cutting process is completely automatically managed by the management software.

PLASMA CUTTING is a process used to cut steel and other metals using a plasma cutting blowpipe. Inert gas (sometimes compressed air) is thrust at high speed through a nozzle, while at the same time the electric arc is established through the gas to the metal piece, thus turning one part of the gas into plasma.

blowing off the products of combustion.

Gas cutting is a thermal process in which the operating temperature is achieved by combustion of acetylene gas. Combustion of this gas produces a fraction of the heat that maintains the operating temperature, and a significant portion of the heat is obtained by combustion of the metal which is being cut, making this an important advantage of this process.

CNC PLASMA CUTTING is one of the most commonly applied cutting techniques because of its effectiveness and simplicity, always resulting in high quality





WATER JET CUTTING WATER JET CUTTING SERVICE

To our customers we offer water jet cutting of different materials with WATER JET TECHNOLOGY.

We base our offers on technical documentation, technical drawing, projects in dxf or dwg formats, as well as on the sample you bring to us (in that case we prepare technical documentation).

Depending on our customer's needs, we can offer our materials with competitive pricing policy.

We offer you cutting in five different levels of final processing quality. We meet the diverse needs of our clients, from the production of individual parts, prototypes, to the serial production of the necessary elements. Engineers are at your service for finding a solution to every problem, providing you with instructions and giving you advice to help you find the best possible solution. We also offer complete project documentation, which, in addition to cutting, includes all other necessary works.

Cutting on the Water Jet guarantees high precision and quality with ± 0.1mm cutting accuracy, the work table dimensions are 4000 x 2000 mm, sheet thickness is up to 210 mm and we can work on different materials such as:

| ₽. | Steel |
|----|-------|
| | |

Tool steel

Ceramics

Spring steel

Hardox

Manganese steel

Stainless steel

Aluminum

Copper

Titanium

Plastics

Glass

Granite

Marble

Stone

Wood Rubber



CLEANING MACHINES

DPF/FAP/SCR FILTERS AND CATALYSTS



| DPF LINE NS - 019 L / TECHNICAL FEATURES | | |
|---|--|--|
| External dimensions (length x width x height) | 2515 x 1230 x 2250 mm | |
| Internal dimensions (length x width x height) | 1900 x 935 x 915 mm | |
| Machine weight | 850 kg | |
| Material | Inox - Stainless Steel | |
| Tank volume | 265 I | |
| Operating Water Purifier Volume | 70 | |
| Total volume | 335 | |
| Power supply | 380 V 3 phase | |
| Connection to the air network | 8 bar | |
| Aspiration | 1400 m ³ | |
| Total consumption / work consumption | 17,3 kWh / 14 kWh | |
| Equipment | Aspirator, water filtration system, system for receiving and fixing filters, pressure gauges in filters, water heaters, touch screen, printer, automatic water addition, dual drying inside and outside the machine, connectors. | |

OUR MACHINES HAVE THE FOLLOWING QUALITIES:

- ***** THE MACHINES ARE MADE ENTIRELY OF STAINLESS STEEL
- **⋄** CONTROL UNIT, MODERN SOFTWARE
- ♠ POWER CONSUMPTION INDICATOR BY PHASES
- ***** AUTOMATIC CONTROL FILTER WASH
- * FILTER DRYER BLOCKS OUTSIDE AND INSIDE
- ***** AUTOMATIC WATER FILLING WITH NIVOSTAT
- **№ PERMANENT STAINLESS STEEL FILTERS**
- ***** ADEQUATE MACHINE INSTRUCTION MANUAL
- ★ TECHNICAL SUPPORT 24/7
- № 2 YEAR WARRANTY

MACHINE CLEANING PROCEDURE:

- VISUAL INSPECTION OF FILTER CONDITION
- * VIDEO REVIEW CAMERA ENDOSCOPE
- SOFTWARE CONTAMINATION READING
- ▶ PRINTED TEST RESULTS
- *** CLEANING THE FILTER WITH AN ADEQUATE AGENT**
- * FILTER PRE-DRYING + EFFECTIVE DRYING (30 MIN.)
- * FINAL CONTROL OF RESULTS READING
- PACKING AND SHIPPING



| DPF LINE NS - 019 M / TECHNICAL FEATURES | | | |
|---|--|--|--|
| External dimensions (length x width x height) | 1650 x 1100 x 2200 mm | | |
| Internal dimensions (length x width x height) | 1090 x 950 x 1200 mm | | |
| Machine weight | 450 kg | | |
| Material | Inox - Stainless Steel | | |
| Tank volume | 130 | | |
| Operating Water Purifier Volume | 70 | | |
| Total volume | 200 | | |
| Power supply | 380 V 3 phase | | |
| Connection to the air network | 8 bar | | |
| Aspiration | 1400 m³ | | |
| Total consumption / work consumption | 10,2 kWh / 8 kWh | | |
| Equipment | Aspirator, water filtration system, system for receiving and fixing filters, pressure gauges in filters, water heaters, touch screen, printer, automatic water addition, dual drying inside and outside the machine, connectors. | | |





WWW.DPF-MACHINE.COM



DPF-MASINE-SRBIJA

PROFESSIONAL MACHINE CLEANING DPF FILTERS AND CATALYSTS





Machine filter cleaning is a process in which the efficiency of the DPF / FAP filter and SCR catalytic converter for all passenger, bus, cargo and work vehicle vehicles is restored to 95% of the new one. The entire cleaning process is performed on one machine and takes 90 minutes for passenger vehicles and up to 150 minutes for trucks and work machines (together with drying).

This method ensures the efficiency of DPF filters and catalysts, in comparison to other methods gives far better results.

CLEANING PROCEDURE:

- Visual inspection of filter condition
- * Video Review Camera Endoscope
- Software contamination reading
- Printed test results
- Cleaning the filter with an adequate agent
- * Filter pre-drying + effective drying (30 min.)
- ♣ Final control of results reading
- Packing and shipping

NONCARBON

The innovative **NonCarbon** method for cleaning carbon deposits is the most efficient, non-invasive, environmentally friendly, easy, fast and convenient way to remove carbon deposits.

The NonCarbon system uses only water and electricity, without the use of chemicals, so there are no harmful by-products, traces or impurities, making it a unique system on the market. Just connect the Carbon Cleaning device to the car and, after 40 minutes, the engine has been cleaned of carbon deposits, so passing the ecotest is no problem.

Carbon deposits that build up on internal combustion engine parts are present in every vehicle on the road. Oil, an over-enriched fuel mix or worse quality, the city's 'start-stop' driving mode, all cause carbon to accumulate faster. A thin layer of carbon should not present major problems, but its build-up can cause them.

Carbon deposits can significantly affect vehicle performance such as reduced power and torque, engine jitter, frequent cold weather pauses, increased concentrations of harmful gases, and fuel consumption.









DECREASES

SAVING ON

SERVICE LIFE

ENHANCES STRENGTH AND CRAFT EMISSION OF HARMFUL

VETERNIČKA RAMPA BETEPHUЧКА SATELIT CATEJUT

DPF SERVICE DECARBONISATION:



NOVOSADSKI PUT 143, 21000 NOVI SAD











CLEANING RESULT

BEFORE

BLACK CARBON



DPF LINE NS - 019 L







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