



**TMD-HANIBAL**  
Ltd GRADAČAC  
Company for production, trade and services



# About the company

The company TMD Hanibal Ltd was established on the 1. september 1999, when it privatized a part of the former known Factory of motor parts - "TMD Gradačac" and opened a production plant for tools.



'The company TMD Habinbal Ltd Gradačac is the owner of the "EN-ISO-9001 - 2008" certificate since the year 2010, which guarantees that our products meet all the requirements for the European marketplace.

In the year 2013 we introduced a welding certificate "EN-ISO 93848-2". Staying true to our mission and our business philosophy, that quality secures a safe marketplace and new business challenges, and then we can say assured that this is a company

**"TMD Hanibal Ltd" Your partner for the future!**



# What we do

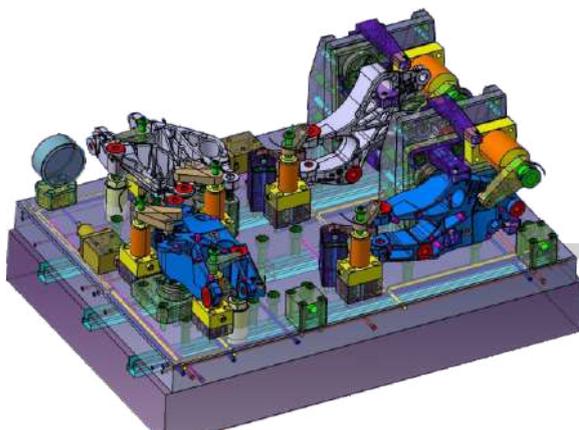
## Construction and production of tools for special purposes

- Construction and production of hydraulic, pneumatic, mechanical clamping devices for the car industry (Slovenia, Austria),
- Tools for the production of hydraulic components,
- Construction and production of pressing tools,
- Different types of high precision clamping devices.

In order to make the parts, it is necessary that we receive a workshop drawing of that part from our customer, a workshop drawing of the finished product that is being produced, the technological process of the production of that part, also the technical data about the machine at which the part will be produced (the working area of the machine) and then our team of experts starts the development of the conceptual design of the clamping device.

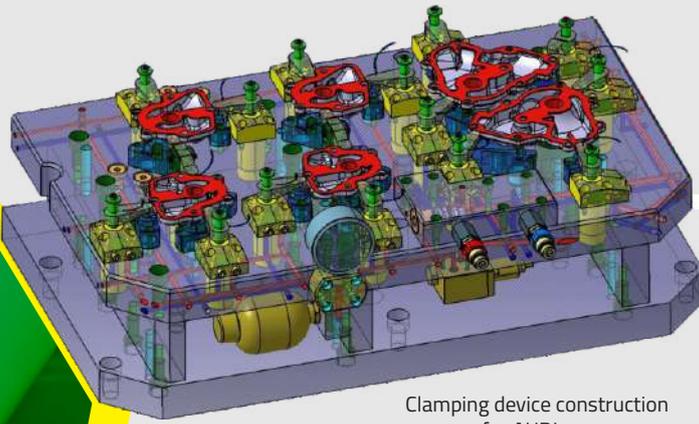
In case of the request for hydraulic clamping devices, pneumatic or mechanical devices, during the conceptual design, we emphasize which components are necessary and which quality the customer wants.

Until now, we produced over a thousand hydraulic clamping devices. We have the capacity to mechanically produce even the most complex clamping device. One of the important characteristics is the drilling of hydraulics down to the depth of 800 mm.



Clamping device construction for  
BMW lower engine carrier

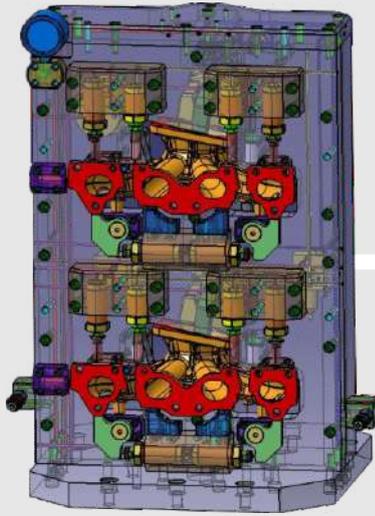




Clamping device construction for AUDI pump cover



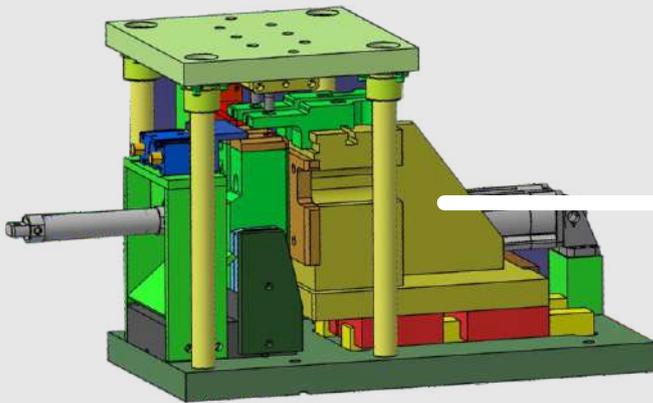
Finished clamping device in use



Clamping device construction for PEUGEOT exhaust branch



Finished clamping device in use



Construction of press tool with pneumatic control



Finished clamping device in use



Tools for making rubber seals



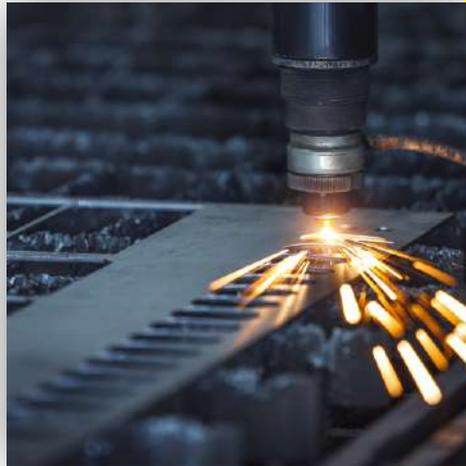
**TMD-HANIBAL**  
D.O.O. GRADACAC  
za proizvodnju, promet i usluge

For more, visit our website [www.tmd-hanibal.com](http://www.tmd-hanibal.com)



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The production of parts for devices  
and high precision machines,  
and machines.



Clamping device for welding the BEHAELTERA assembly



Production of high precision spare parts - serial and individual production



Welded construction with machine processing of openings



Welded construction with machine processing of openings

## The fabrication of high precision spare parts - serial and personal production

- Tolerances of all parts up to a one hundredth of a millimeter. The production of all parts according to the ISO standard of tolerances, of all kinds of surface treatment quality. All parts are controlled in a 3D coordinate measuring machine or by means of other devices for the control of length measurements, openings, radius etc.
- production of parts for honing machines - which include the production of over 600 different positions for these machines, some of which are: basic plates, prisms, axes, shafts, busing, various housings (welding process), consoles, guiders, rollers, gears, sprockets, spacer, fuses,
- production of spare parts for railways (Netherlands) - we do over 450 different positions for railways, and some of them are: various types of axis, shafts, bushings, panels, fuses, flanges, guides, spaces, screws, production of different types of grids - welding process (connection between wagon and power supply),
- production of parts for fruit and vegetables packaging machines (Netherlands) - fabrication capacity with over 700 different positions, and some of them are: panels, shafts, guides, rollers, gears, sprockets, spaces, fuses.
- production of parts for steel making plants and conveyor belts - we do over 250 different types of positions, and some of them are: housings, basic panels, shafts, axis, spaces, rollers, prisons, casting chambers, prisms, consoles.
- production of assemblies for closing systems in concert halls (Austria) - production of welded assemblies for the system of lifting and lowering curtains in concert halls, production of various carriers for them, production of shafts, flanges and many other positions.



Small series - Billets



Medium series - Screws



# Production of mechanical power transmitters



Gears



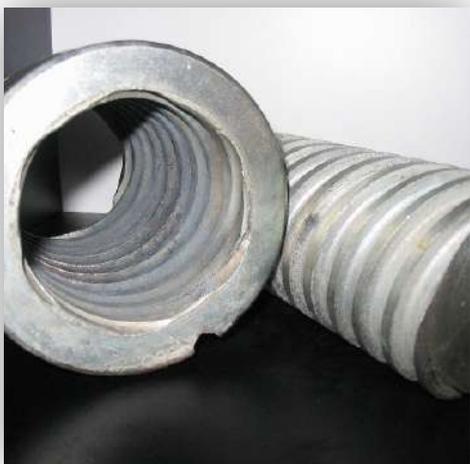
Bushings



Gears, axles and pulleys



Sprockets



Spindle



Serrated axles

## Machining

- Turning,
- Milling and cutting,
- Planing,
- Broaching and punching,
- Drilling,
- Drill tolerancing,

Machining with various types of tools such as turning knives, tools for different types of milling, tools for making openings and holes, drills, screw drills, expander, reamers, countersink, high-speed steel cutters, milling heads of various diameters, saws, grinding tools in all types of metals (from various types of steel to aluminium).

Our expert team of engineers and workers with over 20 years of experience, guarantees the best quality of fabricated surfaces by selecting appropriate cutting regimes (speeds and feeds), and a thoughtful and careful planing of production for the fabrication of parts.

## Welding

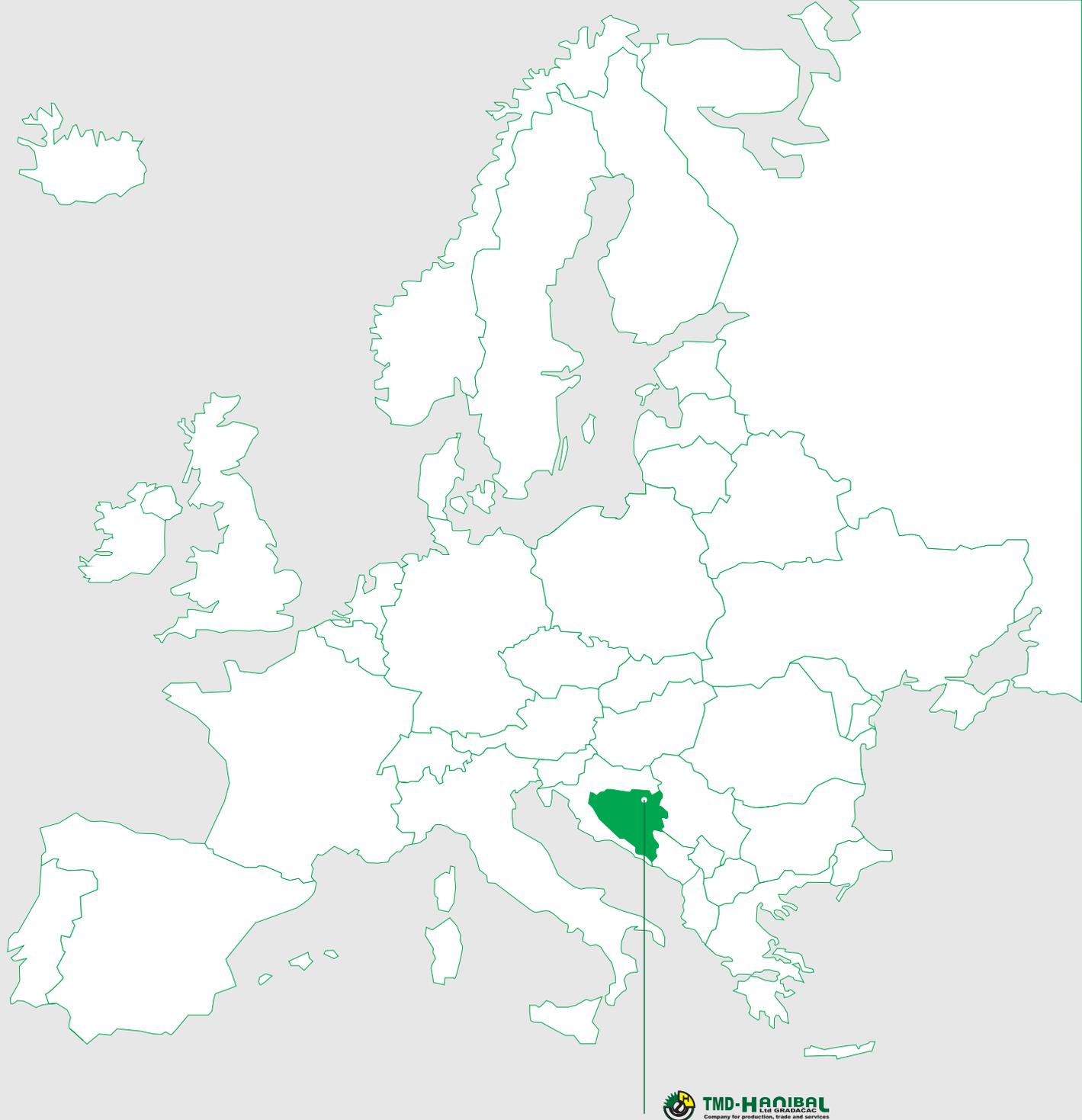
- MIG/MAG,
- REL,
- TIG,
- Flame welding.

## Heat treatment

- Case hardening,
- Nitriding processing,
- Induction hardening,
- Cementation etc.
- Annealing.

## Surface protection

- Black finishing,
- Galvanizing.



# Our location

The company "TMD Hanibal Ltd" is located in the northeast part of Bosnia and Herzegovina, in Gradačac, street Sarajevska bb.

Only 30 km away is the border with Croatia as well the nearest highway. The company has an excellent geological position due to the proximity of the neighboring countries Croatia and Serbia, as well as the EU countries.



# Our machines

**Universal turning lathes (4 medium-sized) – 4 pieces**

**Universal turning lathe PA900  $\varnothing$  1300 x 500 –  $\varnothing$  900 x 3500 – 1 piece**

**CNC – lathe – TAKISAWA – 2 pieces**

**CNC – lathe – GILDERMEISTER CTX-400 – 1 piece**

**CNC – lathe – PUMA GT 2600m – 1 piece**

**CNC – machine center – MAHO 1000 x 700 x 600 – 1 piece**

**CNC – machine center – MAHOMAT 600 x 500 x 400 – 1 piece**

**CNC – machine center – MAHO 500 x 500 x 320 x 360 ° – 1 piece**

**CNC – machine center – MATRA JET 40, 1000 x 500 x 630 – 1 piece**

**CNC – machine center – Doosan DNM 750 LII – 2010x762x650 – 1 piece**

**CNC – machine center – Doosan DNM 500 1020 x 540 x 510 – 1 piece**

**CNC – machine center – Doosan DNM 650 1270 x 670 x 625 – 1 piece**

**CNC – machine center – Doosan DNM 4500 800 x 450 x 510**



# Our machines

**CNC – machine center – Doosan DNM 750 1630 x 762 x 650 – 1 piece**

**CNC – machine center – HERMLE C800UŽ – 1 piece**

**Universal milling cutters – 4 pieces**

**Stunt machines ST-250 J Behr – 1 piece**

**Milling cutter FA5B 1500 x 600 x 600 – 1 piece**

**Coordinate drilling machine BKOE 900 x 600 x 500 – 1 piece**

**Borwerk W9 1300 x 1100 x 1000 – 2 pieces**

**Grinders (3 flat and 2 for cylindrical grinding) – 5 pieces**

**Tools sharpener – 2 pieces**

**Band saw PEGAS – 2 pieces**

**Vertical band saw**

**CNC machine for flame cutting 6000 x 2000**

**Fiber laser for engraving**



# Our machines

**Welding machines – 4 pieces,**

**Drilling machine for threads – 1 piece**

**Cementing furnace 750 x 500 x 450 – 1 piece**

**Hardening furnace 800 x 500 x 500 – 1 piece**

**Hardening furnace 400 x 350 x 280 – 1 piece**

**Induction hardening device HGL 400, FRITZ DUSSELDORF – 1 piece**

**3D Measuring machine ZEISS MC850 – 1 piece**

**Digital altimeter, Mitutoyo – 1 piece**

**Roughness measuring device, Mitutoyo – 1 piece**

**Rockwell hardness measuring device – 1 piece**

**Gear milling cutter**



## Our goal

Toolshop TMD Hanibal Ltd was founded with the tendency to implement the highest quality technologies so that the high-standard requested by our clients could be met. Our goal is to become development partners with companies from the European countries. With the goals of our costumers in mind, and by indentifying the costumer needs, in combination with constant improvement and education based on team work, we are ready to respond to all demands of our costumers and offer them the best solution. Our team consists of 60 employees, of which are 5 Mechanical Engineers, 3 administrative employees, 30 experienced CNC technicians for machining centers, 20 experienced CNC turning technicians, as well as locksmiths, tool makers and others.

# Measurement technology

1. Coordinate measuring machine
2. Other measuring equipment (calipers, micrometers, altimeters, etc.)





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# Certificate

In terms of business on European market, the quality plays a significant role not only in providing new markets, but also in retaining the existing ones.

That is why **ISO standards** come to fore, because the customers of nowadays, not only want a high quality product, but also request proof that the company is capable of producing high quality products or deliver a good service.

TMD Hanibals proof of quality - management quality system certificate **ISO 9001:2015** issued by an independent international certification body.

**TMD Hanibal Ltd operates in accordance with internationally recognized standards.** ISO 9001 certificate proves a high level of quality compliance, essential for all international tenders and agreements.

## **Access to new local and global markets**

By introducing the ISO 9001 certificate, we show that our organization is committed to achieve high quality standards, and also a satisfied customer.

By delivering a high level of quality, our organization opens wide business opportunities in both, local and global markets.



# CERTIFICATE

Management system as per  
**ISO 9001 : 2015**

In accordance with TÜV NORD CERT procedures, it is hereby certified that

**TMD-HANIBAL d.o.o.**  
**Sarajevska b.b.**  
**76250 Gradačac**  
**Bosnia and Herzegovina**



applies a management system in line with the above standard for the following scope

**Manufacture and repair of tools and other products for metal industry**

Certificate Registration No. 44 100 107153  
Audit Report No. 10019497

Valid from 2019-12-09  
Valid until 2022-12-08  
Initial certification 2010

  
Certification Body  
at TÜV NORD CERT GmbH

Zagreb, 2019-11-18

This certification was conducted in accordance with the TÜV NORD CERT auditing and certification procedures and is subject to regular surveillance audits.

TÜV NORD CERT GmbH

Langemarckstraße 20

45141 Essen

[www.tuev-nord-cert.com](http://www.tuev-nord-cert.com)



# Contact

Name	Title	Telephone contact	E-Mail
Advija Hanić	<b>Managing director, Owner</b>	+387 62 200 305	direktor@tmd-hanibal.com
Armin Hanić	<b>Vice director</b>	+387 62 659 659	hanibal.tmd@gmail.com
Nejra Mešanović	<b>Sales manager</b>	+387 62 447 704	nejra.hanic@tmd-hanibal.com
Lejla Mujčinović	<b>Financial director</b>	+387 61 636 758	hanic@bih.net.ba
Alija Pekarić	<b>Technical director</b>	+387 62 128 439	alija.pekaric@tmd-hanibal.com
Almir Delić	<b>Production manager</b>	+387 61 332 309	hanic@bih.net.ba
Ibrahim Močić	<b>Machine processing</b>	+387 61 407 402	hanic@bih.net.ba
Edin Ibreljić	<b>Machine engineer CNC programmer</b>	+387 60 33 911 46	hanic@bih.net.ba
Safet Kujović	<b>Materials and parts management</b>	+387 61 652 746	safet.kujovic@tmd-hanibal.com
Eldan Salčinović	<b>Orders and shipping officer</b>	+387 61 091 555	eldan.salcinovic@tmd-hanibal.com
Merima Bajramović	<b>Accounting</b>	+387 35 816 738	merima.bajramovic@tmd-hanibal.com
Mirzana Imamović	<b>Accounting</b>	+387 35 816 738	mirzana.imamovic@tmd-hanibal.com



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**TMD Hanibal d. o. o**  
Sarajevska BB, Gradačac  
76250, Gradačac, BiH  
Bosna i Hercegovina  
Tel.: +387 61 193 366  
Fax: +387 35 816 738  
E-mail: [hanic@bih.net.ba](mailto:hanic@bih.net.ba)  
[www.tmd-hanibal.com](http://www.tmd-hanibal.com)