

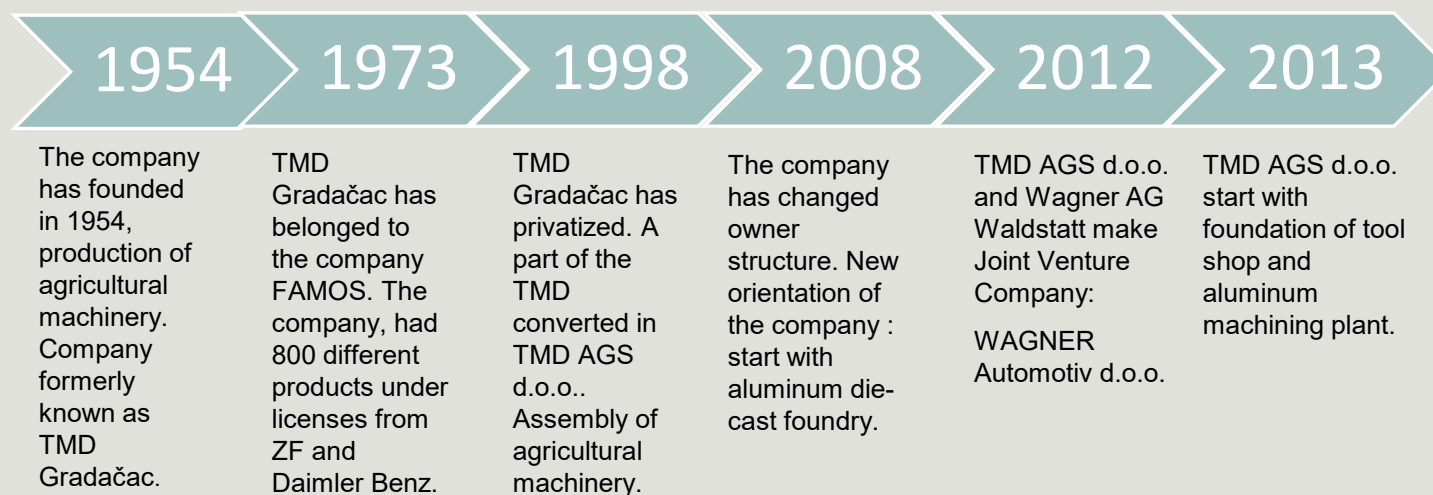
TMD AGS Gradacac

Die Casting Tooling and Machining Plant



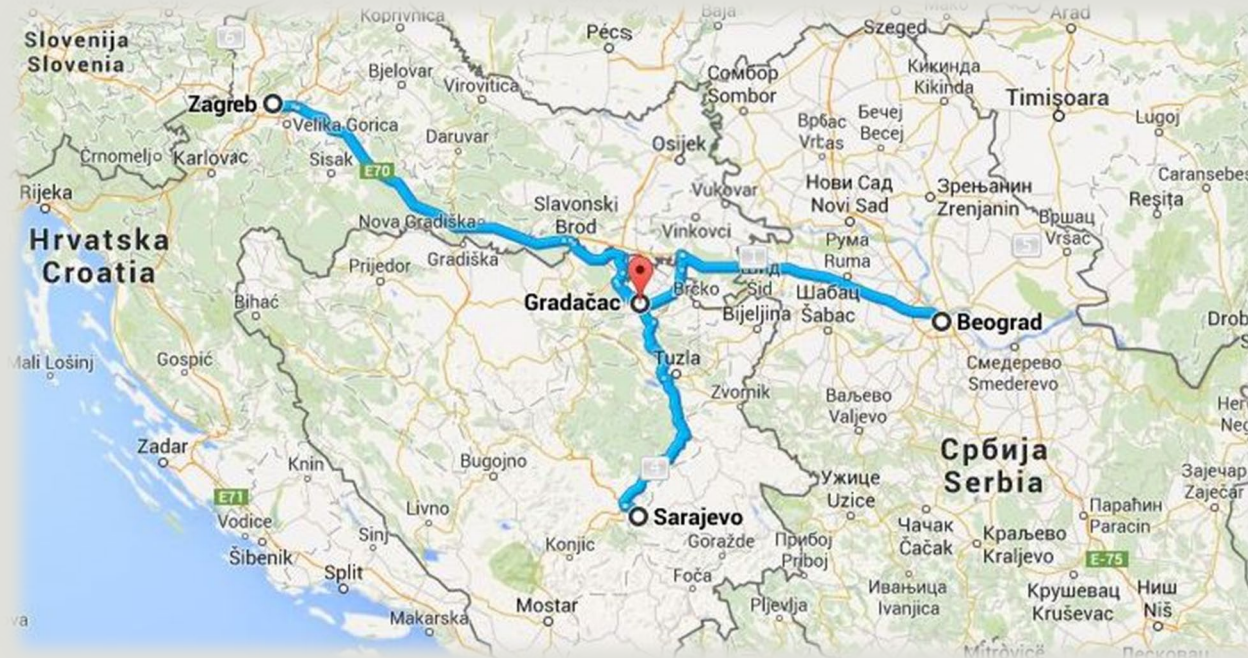
*Die Casting Tooling & Machining Plant,
Sarajevska 62, Gradacac, Bosnia & Herzegovina*

History of TMD AGS Gradacac



Location

The company is 30 km away from Highway (Zagreb - Belgrade)



The nearest airports are:

- | | | |
|------------|------------------|---------------------------------------|
| - Tuzla | distance 70 km, | cca. 1,2 hour driving on local roads |
| - Sarajevo | distance 180 km, | cca. 3,5 hours driving on local roads |
| - Belgrad | distance 200 km, | cca. 2,0 hours driving on highway |
| - Zagreb | distance 260 km, | cca. 2,5 hours driving on highway |

Employees

Tool shop and machining plant founded at the end of 2013 with 4 employees, now TMD AGS have over 35 employees.

Strategy is to invest in knowledge, 11 our employees has University degree.

| DEPARTMENT | No. employees |
|-------------|---------------|
| Production | 20 |
| Quality | 3 |
| Technology | 7 |
| Procurement | 1 |
| Sales | 1 |
| Maintenance | 3 |



Tool Shop & Machining Plant Equipment

TMD AGS is equipped with all necessary machines & equipment for production:

- Die casting tools
- Trimming tools, stamping and press tools and other type of tools
- Serial machining automotive parts



Tool Shop & Machining Plant Equipment

| Type of machine | Brand | No. |
|-------------------------------|--|-----|
| 5-axis machining centers | Dekel Maho DMU50, DMU60, DMU70, DMU100 | 4 |
| 3-axis vertical m. centers | Mikron 400, 600, 710, 800, Mazak & other | 10 |
| 4-axis sink EDM | Exeron 303, 304, Charmilles 350 | 4 |
| 5-axis wire EDM | Exeron, Mitsubishi FX20K | 2 |
| Surface grinders | Kikinda Brayant 1000, ZF 300 | 3 |
| Turning machines-driven tools | Spinner, Biglia, Angelini | 4 |

| Machining equipment limitations | | | |
|---------------------------------|-------------|-------------|-------------|
| Process | Max. X (mm) | Max. Y (mm) | Max. Z (mm) |
| Milling | 1300 | 750 | 500 |
| Sink EDM | 500 | 350 | 400 |
| Wire EDM | 550 | 400 | 250 |
| Grinding | 1000 | 400 | 300 |
| Turning | φ400 | - | 800 |

Quality

TMD AGS is certified with ISO 9000 & IATF 16949 certificate

Quality equipment installed in TMD AGS:

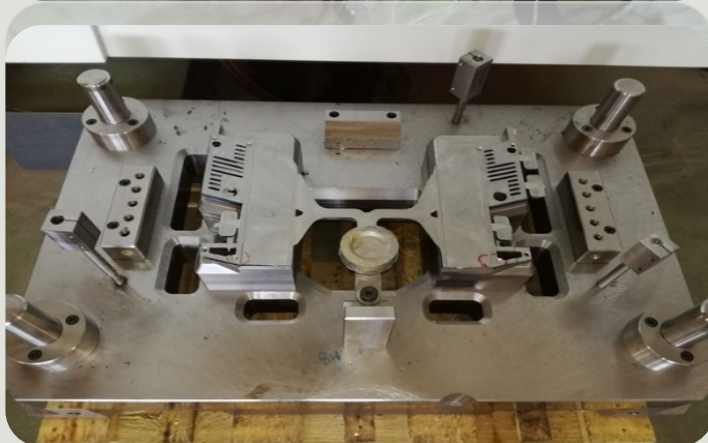
- Coordinate measuring machine Zeiss Prismo Vast X=700, Y=900, Z=500,
- Mitutoyo roughness measuring device,
- 3D Scanner Atos
- Micrometers OD-ID, Calipers etc.

Quality equipment. available in Wagner:

- x-ray
- Spectrometer
- Conturograph. etc.
- 3D Scanner Atos

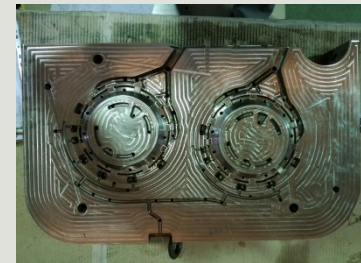


Products-die casting tools & stamping tools



Our employees our greatest value!

Products-CNC machined parts

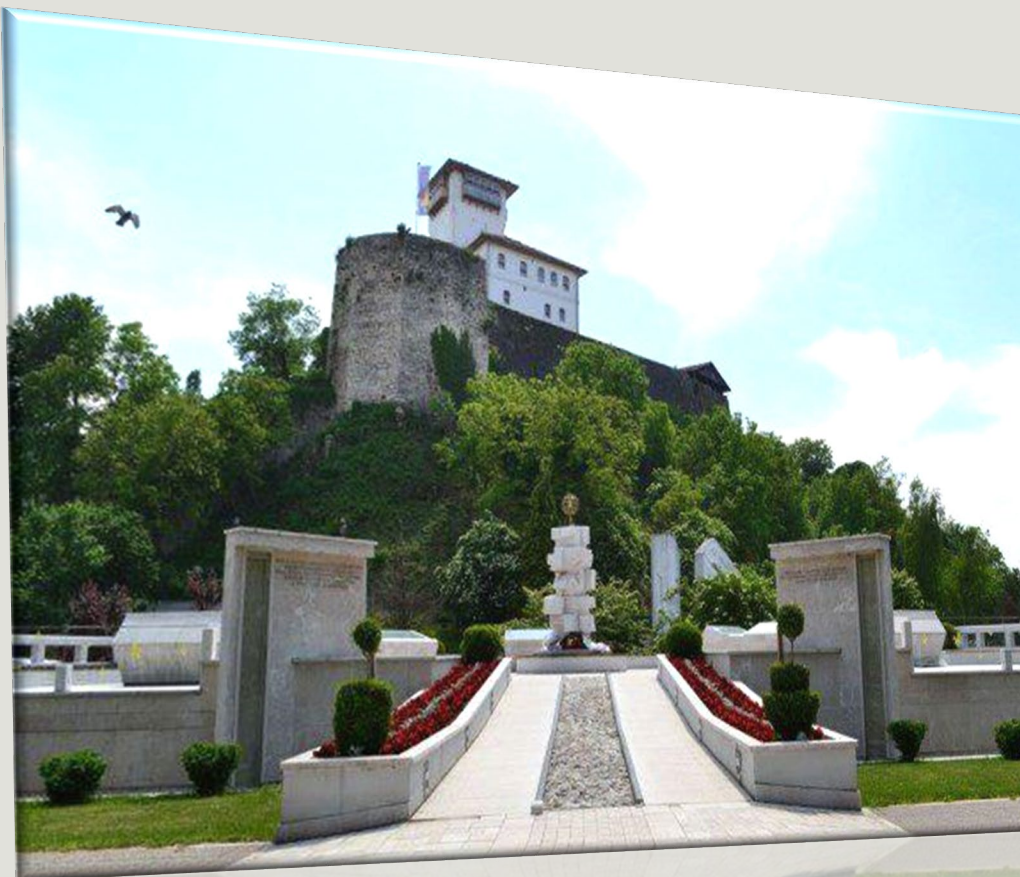


Our Customers

- WAGNER AG Waldstatt, Swiss (direct)
- Wagner Automotive, B&H (direct)
- Magneti Marelli Srl, Italy (indirect)
- BorgWarner Esslingen GmbH , Germany (indirect)
- Remus Innovation GmbH, Austria (direct)
- Stobag AG, Swiss (direct)
- FFT Produktionssysteme GmbH & Co.KG (direct)



Contact Information



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Thank you for attention!