



Profile 2022



Our Company

The company **Sas Sinterizzati Srl** was founded in 1978 and restructured in 2010, owes the high standard and quality of their products to the great motivation and skills of their employees and the significant and long-standing experience in the sintering technology. A good understanding for the needs of our customers and our know-how, allows the current product variety and the developments in the high tech area.

Sas Sinterizzati Srl has invested in technology and human resources since many years, and now can produce components using last generation equipment as the big Competitors can do, but also support the Customer at 360° and give him the flexibility and the speed of reaction that only a small Company can have.



Production Equipment

Sas Sinterizzati Srl has internally all the equipment needed for the production of sintered components:

- Presses from 3 to 500 tons of power;
- Belt furnaces for the sintering of different materials under controlled atmosphere;
- Belt furnace with sinter-hardening and digital PLC control;
- Steam treatment furnace;
- Machines for the surface finishing;
- Sizing press up to 60 tons;
- Oil impregnation equipment;
- Tool shop for real time maintenance of the tools.



- SACMI MPH 200



- LAUFFER 80



- DORST TPA 70



- SACMI MPH 66



- MAHLER - PLC



- MAHLER

Main product application

The sintered mechanical components are used in widespread areas of industry (automotive industry, agricultural machines, locks, household electrical appliances, automation, military applications, gears, self lubricated bearings, etc.). The raw materials used are powders of different steels, stainless steel, bronze, brass, as well as advanced materials like Somaloy for magnetic applications. We are also specialized in the production of sintered filters in spherical bronze and stainless steel.



Components for automotive industry



Cams and Levers



Pistons for shock absorbers



Stainless Steel



Sintered Bronze



Gears



Lobe and gear pumps



Components for locks

Quality and Control

Sas Sinterizzati Srl is certified according to the norm IATF 16949:2016 since October 2021 and ISO 9001 since more than 20 years.

The MES (Manufacturing Execution System) has been implemented since February 2021.

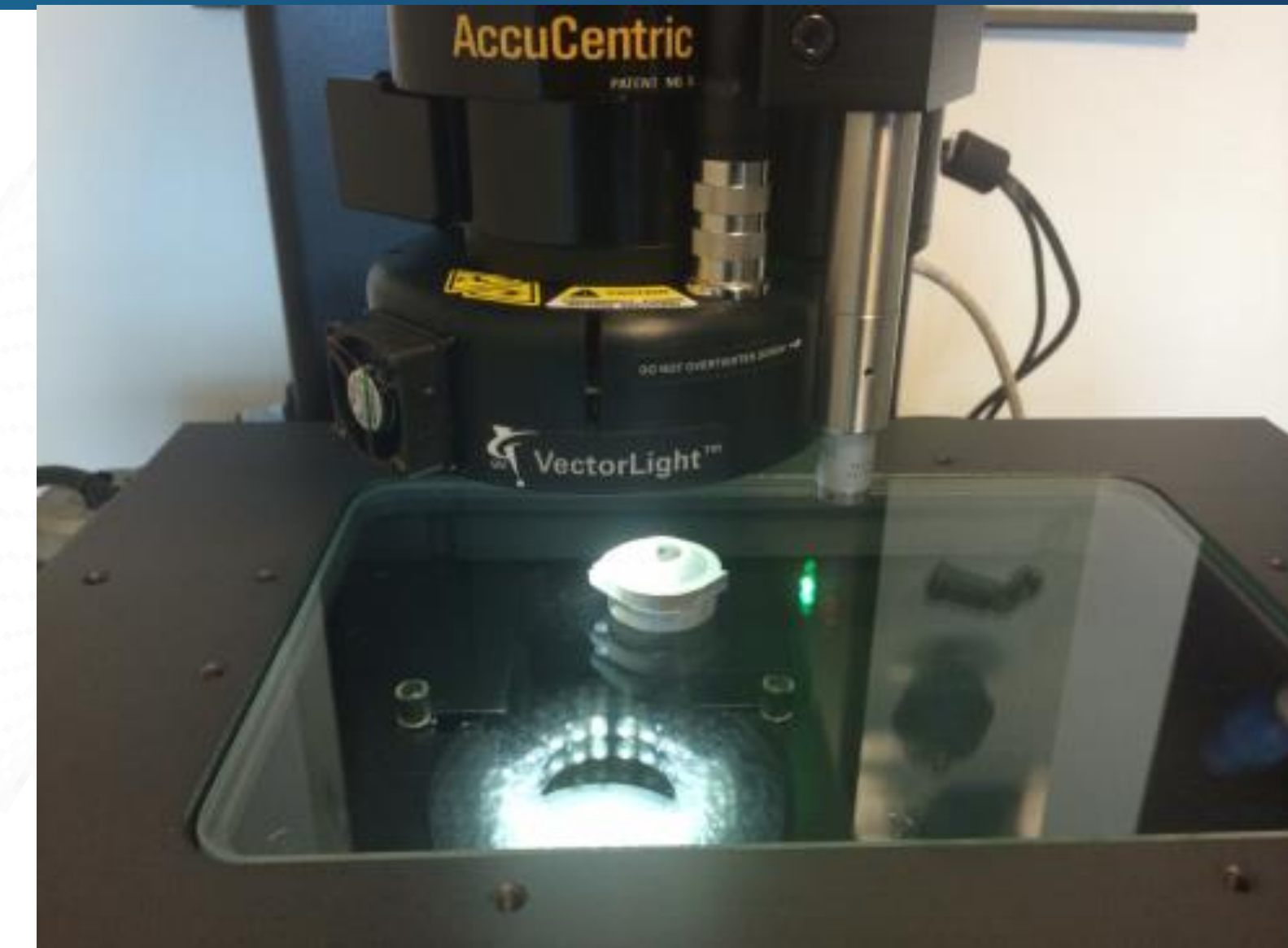


Quality and Control

The control department is equipped with all the machine needed to check the products. The last one purchased is an Hybrid 3D machine, that can works in traditional way (touch) or with a camera.

This machine allow us to check almost every kind of size and can be programmed in order to have a fast checking for the following productions. Just as example, we have the following equipment for the control:

- Hardness machine
- MTS Traction/Compaction machine (for the resistance test on the parts)
- Density scale
- Precision analytical scales
- Roughness testing machine
- Flowmeter for filter testing
- Gauges
- Dial gauges



Location & Subcontractors

The Company is located in the area of Bologna, well known as «Motor Valley». Close to us there are factories like Ferrari, Ducati, Lamborghini, Zonda, Paioli, etc... This is the main reason why the subcontractors in our area are very well prepared and Certified. This is a big advantage for all the parts that needs, after sintering, other operations, like, for example:

- Heat treatment
- Machining operation
- Grinding
- Galvanic coating
- Painting
- Laboratory for analysis



Main customer



SAS for *Green*

Sas Sinterizzati Srl has recently invested in green power. In the last years the roof has been covered by solar panel, able to produce about 115 Kw of power.

Since July 2020, is running the new tri-generator system, able to produce in the same time 50 Kw of electric power plus 75 Kw of cold (water) to cool the hydraulic presses.



