

[www.sinteng.com](http://www.sinteng.com)



In a famous quote – re-used by Steve Jobs for Apple - Henry Ford affirmed:

**IF I'D ASKED PEOPLE WHAT THEY WANTED,  
THEY WOULD HAVE ASKED  
'FOR A FASTER HORSE'**

Sintech Engineering's customers know that what they need to create innovative products instead of faster horses.

We also know it, here in Sintech and we are ready on the starting line to enter in the design team of the world's most innovative products.







## SINTECH

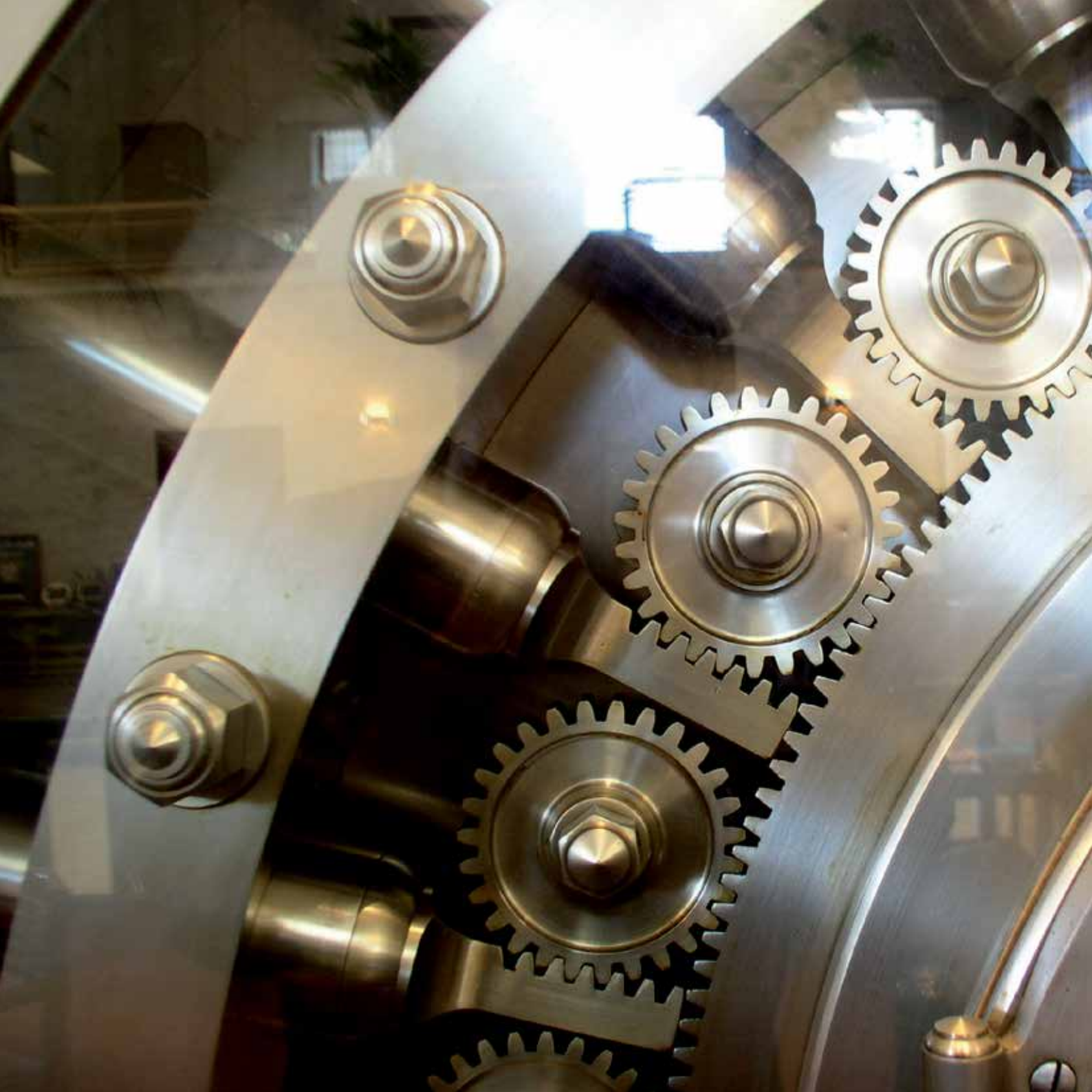
**It is the Italian company of mechanical design** with the best growth performance of the new millennium. Founded on 12. January 2000 with the Mission of the 3D design, Sintech realized in sixteen years **over 2 Million hours of design** in several innovative projects.

Thank the dynamic and flexible figure of the **key account manager**, who supports the customers and grant them quick and precise answers. An advanced recruitment structure of the resources grant the design performances of high level.

Its extraordinary structures speed on parallel tracks and together meet the customer's expectations with high precision.

Their perfect functioning combined with the engineering excellence, realized growth performances and the brands of the most **prestigious customers** in the innovation of several sectors on world level.







## PERFORMANCE

Looking always ahead to the construction of a new future, the steady and firm hand by **reaching goals together**, this shaped the actual Sintech Engineering: structures with a perfect functioning as horology, synchronised with engineering excellence, that have allowed us to hit 16 years of continuous and significant growth.

Some performance's figures:

- More than 2,2 Millions hours of design.
- Revenue in 2015: 6,4 ML Euro (Revenue in 2014: 6,2 ML)
- Over 14.000 design hours every month.
- Engineering Team in steady development, where the graduated are over 82%

Each year's profit, reinvested in the company, confirms that Sintech Engineering is one of the financially most solid Italian SMEs in absolute terms, with a Capital of more than 3,5 Million Euros of cash reserves to invest in research and development for growth.







## SPECIALIZATIONS

Sintech Engineering has been developed and made keener all along the years, until reaching the actual very high level of specialisation in **mechanical design**, technologies and in the use of different **3D CAD** systems, with the precise goal to grant its customers:

- Full compliance with delivery
- Utmost technical accuracy and efficiency
- Thorough selection of human resources, taking into account both the professional and personal aspects
- Optimal integration in Company team

## CAD SYSTEMS

Specialized designer in the dynamic use of several 3D CAD systems: Pro/ENGINEER, I-DEAS, Unigraphics, CATIA, , Solid Edge, SolidWorks, synchronized with different PDM systems.

## TECHNOLOGIES

Experienced designers in developing plastic components, or metal structures, composite materials and in castings or mechanical machining, electronic and cabling designers.

## SECTORS

Joining the trajectories of systems and technologies, Sintech Engineering can develop projects in several sectors: Aerospace and Transport, Machinery and consumer products, ecc..







## AUTOMOTIVE SPECIALIZATIONS

*Precision – speed – safety:* these are the main features of the Sintech Engineering Automotive Team, specialized in designing components for passenger, racing and also F1 cars. The supplementary activities of our team furthermore include:

- Advanced modelling of the aerodynamic surfaces in the wind tunnel
- Failure Analysis with Digital Mock Up tools
- Planning the electrical systems and 3D wirings (passenger compartment, engine, installations, etc...)

### B.I.W

Design of B.I.W. and closures, of rough and metal sheet coated parts: low weight, high rigidity, impact resistance, parameter-adjusted costs, time to the market reduced to the minimum.

### TRIM

Specialized designers in planning *internal and external trim, dashboards*. From initial feasibility studies to the design of components for their production

### MECHANICS

Experts in transmission, suspension, axles, brakes and steering wheels. Skilled designers in materials, machining, technical measurements, tolerances, roughness, BOM composition.





## ENGINE SPECIALIZATIONS

*Precision – speed – safety*: these are the main features of the Engine Team too, with a ten-year experience in designing complete engines, petrol and diesel, systems, etc... from feasibility studies to the 3D casting models and constructive drawings .

For cars, we can even provide tests specialists, hot/cold mechanics, thus offering a perfect fusion between Engineering and Productions Technologies, guaranteeing the success of the finished products.

### CARS

Besides the engine, we plan also transmissions, feed and exhaust systems, cooling, clutch box, gearbox, further integrant parts of vehicles, etc...

### MOTORBIKE

Designers specialised in 2-4- stroke engines, gear groups, thermo-fluid dynamic simulations, for optimization of all powertrain components for 2-wheelers.

### MARINE

The Sintech Engineering teams dedicated to the development of big marine diesel engine used on cruise naval vessels, cargo ships, oil tankers, etc .. and also designing Industrial Engines in big plants and power stations.







## MOTORCYCLE SPECIALIZATIONS

We have formed a large team of passionate bikers highly qualified in designing road and racing complete motorcycles, both in the chassis that in plants, both in co-design of hulls that in the design of engines. The team also uses expert analysts FEM simulation of fluid flow. It also relies on designers electrical/electronic equipment and wiring

### STREET

The team of Sintech Engineering dedicated to motorcycles working on several projects for different types of bike : the Naked, the Off-Road, to the Supersports road and scooter

### RACING

Our "Racing" designer have acquired specific experience Superbike and Moto GP, both in the development of vehicle, both devices testing and set point

### ACCESSORIES

The most demanding "biker" ask customizations designed to make their bikes more than a motorcycle. Our engineers design accessories design and performance that meets their needs







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