

TEGMAS RACING TEAM

Knowledge & Technical





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I. Racing Motorcycles Preparation

1. Workshop dedicated to the preparation
2. Engine bench
3. Suspension bench



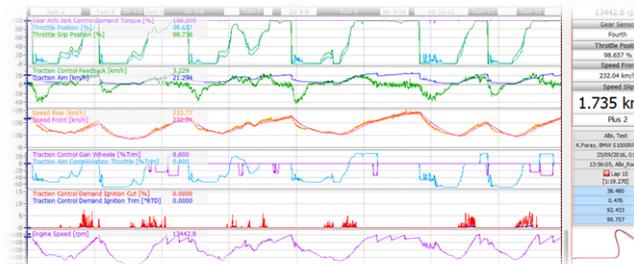
II. Logistics

1. Riders management
2. Trailer
3. Track support



III. Design Office

1. Datas acquisition
2. Moto2 Design
3. External services





Preface

- The main activity of TECMAS is competition. TECMAS is one of the 5 biggest structures in France, accounting more than 25 motorcycles racing seasons, from 125cc to 1000cc. Known and recognized in the world of the motorcycle, it has registered its name in numerous national, European and world championships. Indeed, the team counts 6 seasons in GP 250cc and 500cc, the best category of motorcycle sport. He also competed in Superbike World Championship for 3 years. Tecmas reached 1 title of European champion 250cc, 10 titles of champion of France 125cc and 250cc, 1 title of champion of France Supersport. In number, Tecmas had no less than 91 wins and nearly 200 podiums.
- The other activity of Tecmas is research and development. The existence of a design office allowed Tecmas to create a prototype in 2000 from a Honda 500V2 engine. This prototype, created in collaboration with Eric Offenstadt, a car & motorcycle driver in 70s, had for goal to experiment new technologies dealt with the chassis, such as forks with variable offset, or the transmission system canceling the induced unwanted wheel accelerations (IUWA). This prototype had good results but was forced to abandon for financial. But ten years later, with the appearance of the Moto2 category and its regulation promoting chassis innovation, Tecmas puts its studies into effect and decides to create a new prototype.





I. Racing Motorcycles Preparation

1. Workshop dedicated to the preparation



Tecmas, it is a workshop of 150sqm dedicated to the preparation and maintenance of competition motorcycles. A permanent chief manages this space in which are stored all the tools necessary for the interventions on the motorcycles.

A machine park consisting of a conventional lathe machine, a milling machine and a drill press allows the realization of simple parts essential to the proper assembly of our motorcycles.

Tecmas is also a storage space of more than 2000 m² which offers the company all the space necessary for the good storage of the parts of the current season.

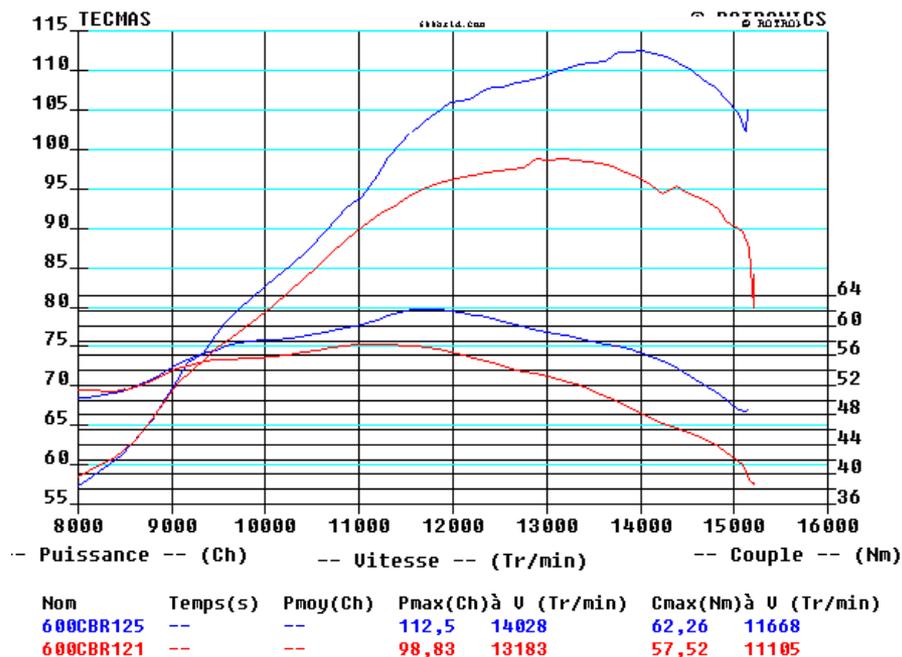


I. Racing Motorcycles Preparation

2. Engine Bench

The company Tecmas has its own engine bench to evaluate the gains made by each of the modifications made during the preparation of the various engines. The aim is to maximize the performance of the machine close to the limits authorized by the regulations of the championship.

This bench Borghi & Savery taking its powers from the front sprocket is at the origin of all the preparations Tecmas for many years.





I. Racing Motorcycles Preparation

3. Suspension Bench

In the workshop Tecmas there is an essential element to the preparation of motorcycles for competition use: a suspension bench.

This bench let technicians to compare the different hydraulic suspension settings, to analyze the disparities between two suspensions, to detect possible problems or just to follow the evolution of working way of a fork or a damper during the season.





II. Logistics

1. Riders management

Since always, Michel Augizeau has turned to the detection and training of young talent, especially when TECMAS were support for the “team France”. This is how many champions have passed through TECMAS team such as Régis Laconi, Olivier Jacques, Sylvain Guintoli, Sébastien Gimbert, Mathieu Gines, Valentin Debise, etc.

Tecmas gives to these young talents all the experience of motorcycle racing they need, acquired during the long career of Michel Augizeau, both as a rider and as a manager.

Tecmas also manages confirmed drivers during events such as a full national championship season as well as world championship season, or occasional events such as road rallies or simple test sessions.





II. Logistics

2. Trailer

Tecmas has a trailer designed for track use. Indeed, the primary purpose of this trailer is to transport equipment from the workshop to the track (up to 8 motorcycles and 10 toolboxes). But on the track, trailer is converted into a real living space for riders who can store their stuffs, warm them up, as well as for the technical staff who can sleep in the front front of the trailer.

A briefing room is also included in this trailer.





II. Logistics

3. Track support

TECMAS offers to its pilots and customers a real performance on track. This assistance can include a competition structure mounted in the stands, providing all the tools necessary for the maintenance of the motorcycles. TECMAS also deploys its human qualities thanks to a well-established technical team. This team is usually composed of a mechanic, an engineer and mechanic aides.

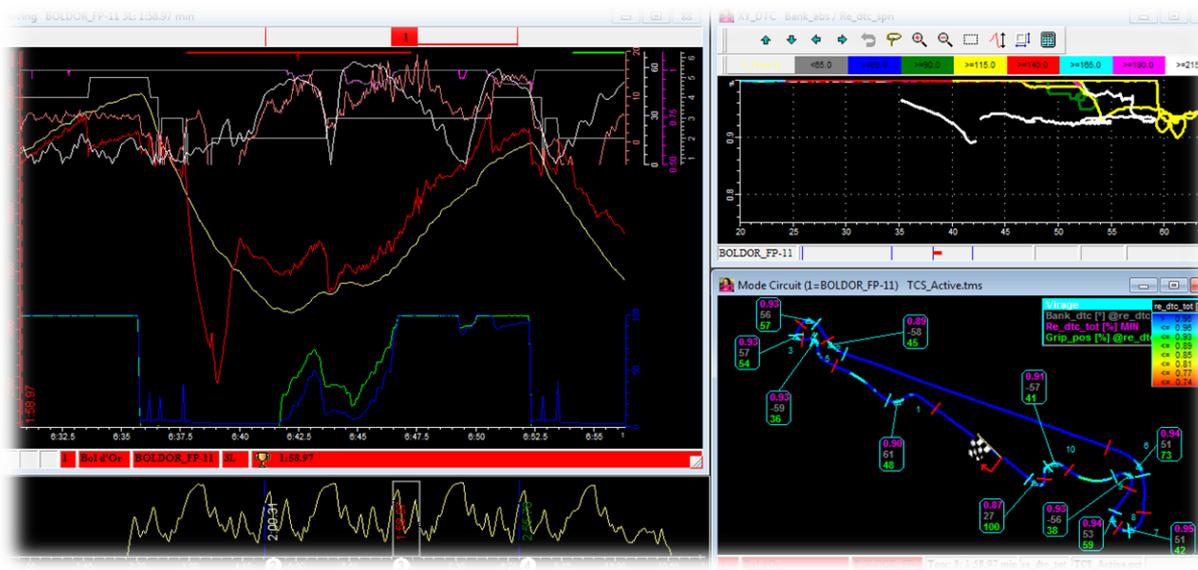




III. Design Office

1. Datas acquisition

Since the rise of new technologies, especially in the field of electronics, TECMAS has always remained at the forefront of the latest advances. As a result, the team has developed a solid experience in the management of engines by electronics, as well as in the setting up, operation, processing and analysis of track data. Using many different operating systems, TECMAS was able to further its capabilities in this area of excellence.

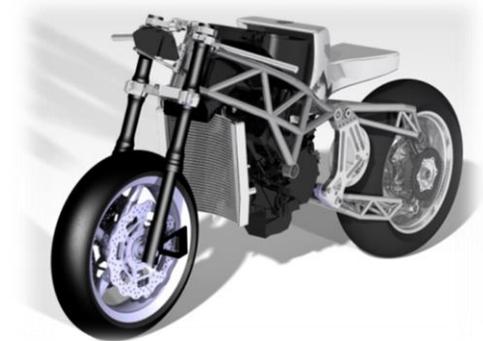
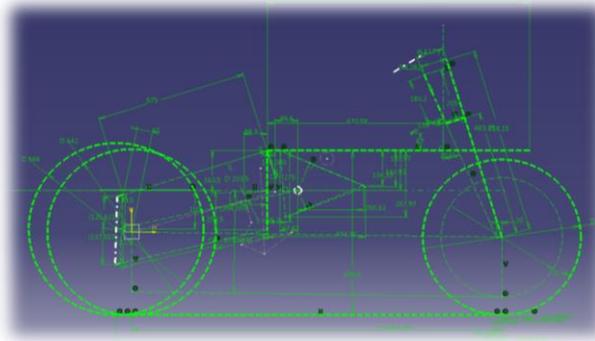




III. Design Office

2. Design Moto2

Tecmas is an active company in terms of research and development. In the 2000s, the existence of the Design Office allowed Tecmas to create a prototype from a Honda 500V2 engine. This prototype with many chassis innovations was a technical success that allow riders to push the limits of riding. This is why, under the recent impulse due to the appearance of the Moto2 category, Tecmas has designed with modern tools a new prototype incorporating the proven innovations of the 2000s. This bike is currently under development.





III. Design Office

3. External services

MICHELIN

Tecmas worked for Michelin by conducting a study dealing with brake system of drive wheel powered by independents engines.



CL BRAKES

For nearly 10 years, Tecmas was selected by the CL Brakes group to support it in the development of its products. Tecmas has carried out all of the CL Brakes development tests for the motorcycle industry.





TECMAS - Knowledge & Technical

Over the years, TECMAS has developed and accumulated a number of technical knowledge in the field of motorcycle competition. So many great riders recognized TECMAS as a very serious Team with lot of competences. This notoriety give to the company the confidence and support of big groups such as BMW, Honda, Michelin or CL Brakes.

In addition, the permanent research department has experience in the design and development of motorcycle chassis, as well as in the exploitation of various electronic components affecting the motorcycle.



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