



# WHAT WE DO - OUR VISION

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### WHAT WE DO

Apicom develops and supplies to Motorcycles, Vehicles and Engines Manufacturers, **testing solutions** to improve the quality and the efficiency of their products.

Apicom is a global supplier focusing on delivering cost – effective, technically advanced, services, facilities and equipments that meet and exceed Customers expectations.

### OUR VISION

Apicom constantly pursues development involving technology and regulations in order to offer its customers products and services which are at the forefront in their respective fields, presenting itself as the perfect partner for developing tailor-made solutions.

### ISO 9001

Our quality standards are applied along the entire supply chain.

### CUSTOMER

Customer requirements are our priority. We develop our products to provide the higher Customer satisfaction. We consider our Customers as the best consulting partner to improve our experience and quality.

### CE MARKING

Our products are designed and built according with CE Directive.

### ASAM

Apicom is a member of Association for standardisation of automation and measuring systems



# MILESTONES

## FOUNDATION

In 1978 the first Company is founded in Italy for electronic equipment production.

1978

## INDIA

In 2002 Apicom India starts in Delhi. In 2008 starts Apicom Automation in Bangalore.

2002

## ICM

ICM became the main shareholder.

2014

## MECHANICAL PRODUCTION

In 1985 Apicom starts the production of eddy current dyno and test benches.

1985

## CHINA

In 2005 starts Apicom China in Beijing and then the new offices in Shanghai and Chongqing.

2005

# MARKETS

MOTORCYCLES



CARS



ENGINES



ELECTRIC MOTORS



MARINE ENGINES



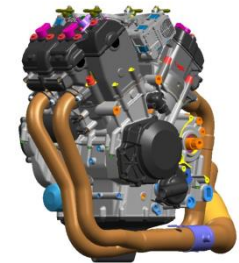
POWER STATION



OFF ROAD VEHICLES



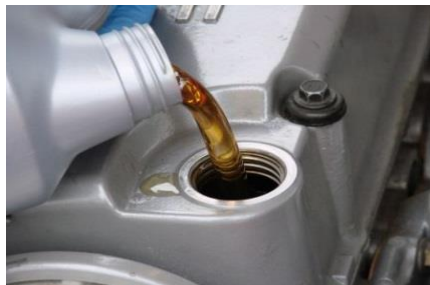
RACING ENGINES



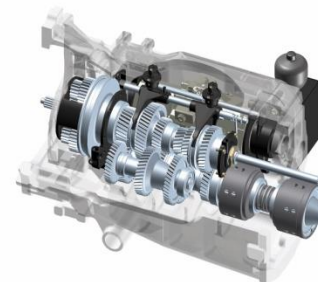
COMPONENTS



FUEL / LUBRICANTS



INDUSTRIAL



AUTOMOTIVE R&D CENTERS



# PRODUCTS

**EDDY CURRENT DYNO**



**AC DYNO**



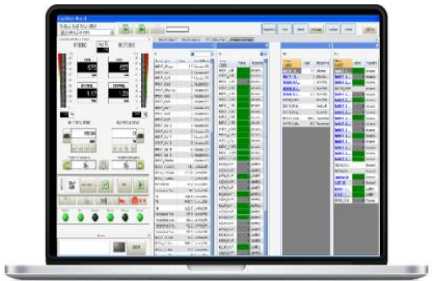
**CAR CHASSIS DYNO**



**2 WHEELS CHASSIS DYNO**



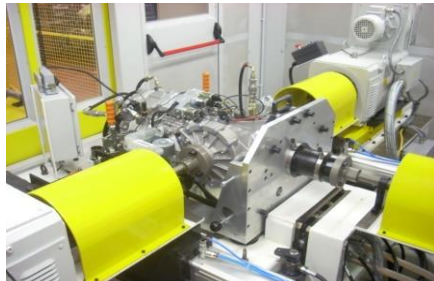
**TEST BED AUTOMATION**



**END OF LINE TEST BENCH**



**GEAR BOX TEST BENCH**



**TRANSMISSION TEST BENCH**



**ENGINEERING**



**TEST CELLS**



**CONTAINERS**



**CONVEYORS**



## RANGE OF PRODUCTION

Mechanical Parts	Accessories	Chassis Dyno	Test Cell
Mounting Plate with standard springs	Torque Calibration Tool	2WD 48" Chassis Dyno for emission test	Soundproof panels
Mounting Plate with air dampers	Magnetic Filter	4WD 48" Chassis Dyno for emission test	Soundproof cabin
<b>Dynamometers</b>	Engine Starter	2WD 48" Chassis Dyno for power test	Soundproof door
Eddy Current Dyno	Calculation for shaft connection	4WD 48" Chassis Dyno for power test	Soundproof window
AC Dyno	E-Gas simulation module	24 " Chassis Dyno for motorcycle	Ventilation system
Shaft	<b>Media Conditioning</b>	48" Chassis Dyno for motorcycle	Air Conditioning system
Shaft Protection	<b>Engine water conditioning</b>	24" Chassis Dyno for three wheel vehicle	Intake Air conditioning system
Engine Clamping Unit	Conditioning panel for engine water	24" Chassis Dyno for four wheel vehicle	Exhaust gas system
Engine Pallet	Water filter	130 km/h Air Fan	Exhaust back pressure regulation
Mounting Support	Heating system	150 km/h Air Fan	Electric system
Dyno Controller	Automatic filling/emptyng	200 km/h Air Fan	PLC control
Throttle Actuator	<b>Oil Conditioning</b>	Autopilot for car	Cooling water production
<b>Measurement and Data Acquisition</b>	Conditioning panel for engine oil	Autopilot for motorcycle	Chilled water production
TPT 100 sensor	Oil filter	<b>Measurement and Data Acquisition</b>	Compressed air system
Thermocouple sensor	Heating System for engine oil	TPT 100/K Sensor	Fuel storage
Pressure transducer	<b>Intercooler cooling system</b>	Pressure transducer	Oil storage
Measuring Box	Intercooler conditioning system	Measuring Box	Technical gas storage
32 Channels Data Acquisition system	Pressure drop regulation	Data Acquisition system	Atex classification
64 Channels Data Acquisition system	<b>Measurement and Data Acquisition</b>	Weather station	3 D design
128 Channels Data Acquisition system	Weather station	Fuel consumption system	Lighting system
Horus Software	Fuel consumption system	Win RoI Software	Lifting system
Control and Measuring Cabinet	Fuel conditioning system	Control and Measuring Cabinet	Fire detection
Operator's Desk	Fuel pressure control	Operator's Desk	Fire extinguishing
Documentation	Air consumption measuring	Documentation	Documentation
Installation and commissioning	Blow By measuring system	Installation and commissioning	Installation and commissioning
Training	Smoke/Opacimeter Measurement	Training	Training

# ENGINEERING AND SERVICES

TEST CELL ENGINEERING REFERENCE RULES AND STANDARDS	TEST CELL FACILITIES ENGINEERING
International rules and specific rules	Workshop spaces
Area classification (Atex)	
Risk Analysis	
Environment rules	
TEST CELL DESIGN	Test Cells with test equipment and engine utilities
Foundation	
Walls and Noise treatment	Test cell utilities and Centralized general plants
Ventilation and Conditioning Systems	
Exhaust gas systems	
Other utilities	Integration of test department with other activities of the Factory
SERVICES PORTFOLIO	
Maintenance of all types of Eddy current dynos Dyno Refurbishment	Revamping of test cells and existing plants, Mechanically, electrically, Electronic and software, Upgrade and extension of test systems
Service and maintenance contracts, remote assistance, spare parts, dedicated packages	Calibrations and certifications of measurement chains and test benches
Set up of plants and standard testing according to CE Machinery Directive	Classification according with Atex rules and verifications of existing plants

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