JAQUET TECHNOLOGY GROUP – IN CHARGE OF SPEED

JAQUET is a global engineering company headquartered in Basel, Switzerland and with subsidiaries in Belgium, China, Germany, the Netherlands, the UK and the US. Rotational speed is our core business: detection, monitoring, control, protection and diagnosis. JAQUET’s vast product offering and constant focus on product and technology development – independently or in joint development projects with our customers – ensure the most advanced and optimized solutions.

From ocean floors to mountain tops – and in the skies as well – you will find JAQUET products reliably optimizing performance and protecting valuable assets.

Whether you need one or a million, our mission is to provide an innovative solution today.
COME RAIN OR SHINE

JAQUET solutions are designed and made for a multitude of demanding applications and ambient conditions.

| · Temperature extremes |
| · Shock and vibration |
| · Hazardous areas |
| · Electrical interference |
| · Humidity and immersion |
JAQUET’s advanced technology contributes to state-of-the-art vehicle design, delivering performance, efficiency and environmental benefits.

- Turbo speed sensors for trucks and passenger cars
- Cam and crank shaft sensors
- Gearbox sensors
TURBINES & COMPRESSORS

Reliable, proven and certified solutions for speed measurement, control and protection. Maximum safety without compromising availability.

- Speed measurement
- Single and dual channel tachometers
- Multichannel overspeed protection systems
JAQUET leads the field in innovative speed solutions for railway applications. JAQUET's modular sensor design program makes it easy for you to obtain innovative and robust speed sensors.

**Modular single or multichannel speed sensor designs for:**

- Brake control (WSP/ABS)
- Propulsion and signaling systems
- Door interlock and black box information
- Engine cam, crank & turbochargers

On-board diagnostic system for existing or new engines.
Detecting cylinder faults at an early stage, avoiding excess fuel consumption and enabling maintenance based on data and events rather than blind schedules.
The future is electronic. JAQUET sensors provide the interface between the tough environmental hydraulic world and the requirements of controllers and protection systems.

- Speed measurement
- Overspeed protection systems
- Position measurement
- Filtered speed signal
JAQUET’s expertise in designing, packaging, sealing, protecting, qualifying, certifying and producing in volumes of one to hundreds of thousands contributes to the efficiency and durability of the engines – and protects the engines as well as the environment.

- Engine cam, crank & turbocharger speed sensors
- Start control, regulation and protection modules and tachometers
- Cylinder specific real-time, on-board diagnostics and performance measurement
AEROSPACE INDUSTRIES

Where only the highest quality and reliability will do, JAQUET is a partner of first choice.

- Turbine speed sensors
- Application specific technology development programs
JAQUET's economic line of standard GreenLine sensors and tachometers is specially designed to fulfill the various requirements of general industrial applications - offered in various housings for every day applications.

JAQUET's tachometer line offers 16 different models to choose from, you'll never be without a tachometer to exceed your expectations.

- Speed measurement
- Speed indication and monitoring
- Overspeed protection
COMPLETE MEASUREMENT CHAIN

A complete measurement chain from JAQUET, consisting of an appropriate rotating target, speed sensor, line amplifier, analog or digital tachometer with control signal and/or alarm relays, ensures component compatibility and ultimate functionality.
Constant innovation is the lifeblood of technology companies – but at JAQUET it is more than that. It is a passion. JAQUET’s constant development of new technologies and products – independently or in joint development with our customers – is an extremely interesting and motivating part of the business to JAQUET. It’s never too early to get us involved in your development project.

JAQUET is developing application and product related solutions such as:

- Sensors to aid emissions control
- Position sensing
- Next generation speed sensors
INTELLIGENT SOLUTIONS & REDUCTION OF TOTAL COSTS

Over 3'000 documented solutions plus a catalog of standard products demonstrate our commitment to meeting customer’s needs. Our modular approach allows proven component platforms to be married together to form cost-effective products that exceed expectations.
QUALITY STANDARDS & GLOBAL SUPPORT COMMUNITY

Qualified – certified – fit for purpose. These are the mottos by which we live. With ever-increasing operational, technical, environmental and economic demands we work in close cooperation with our customers. JAQUET is your partner from the concept through developmental stages to production and for continuous product improvements in the field. The qualified processes, individual account management for our OEM customers and worldwide sales and support network ensure smooth and efficient service.

Quality management systems
- ISO 9001
- ISO / TS 16949 (automotive QM certification)
- EN 9100 (aerospace QM certification completed by the end of 2008)
JAQUET’s enabling technology and all our products improve and optimize the efficiency and level of protection of machines and engines. Our key mission is to protect the environment and to contribute to the sustainable development of our customers’ products.
JAQUET TECHNOLOGY GROUP WORLDWIDE

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