

Press release

Goratu and IK4-TEKNIKER launch a new line of top-of-the-range vertical lathes onto the market

- ▶▶ *The new product, the Geminis VL, has applications in sectors such as the aircraft or energy sectors*
- ▶▶ *It is due to be presented in October at the world's main machine-tool fair, the EMO, to be held in Milan in October*
- ▶▶ *Geminis VL has been endorsed by Goratu as its industrial partner and IK4-TEKNIKER as its R&D partner*

(Eibar, Basque Country. 15 September 2015).- The machine-tool manufacturer [Goratu](#) and the R&D centre [IK4-TEKNIKER](#) have joined forces to launch onto the market a new product line consisting of top-of-the-range vertical lathes, bearing the commercial name Geminis VL, and offering a whole host of applications in strategic sectors internationally, such as the aircraft, gas & oil and energy sectors.

The new product, which incorporates a high technology component and which will be manufactured at the cutting-edge facilities at Arrona (Gipuzkoa), is due to be presented officially in October at stand B22-C27 in pavilion 01 at the [EMO](#) in Milan, the main fair worldwide in the machine-tool sector.

Geminis VL is the result of the collaboration that Goratu and IK4-TEKNIKER have been pursuing for many years in connection with the [GMTK](#) business project. The company, which has been experiencing difficulties getting its brand onto the market, is now aiming to relaunch itself with the product that has seen the greatest success among its customers.

These are multi-process vertical lathes, an innovative, customised product incorporating the latest advances in process engineering to achieve increases in productivity. Equipment of this type has already been installed by GMTK in companies such as [ITP](#), the Basque multinational aircraft engine company, which has rated them very satisfactorily.

State-of-the-art product

Geminis VL has been developed on a broad experience and knowledge base involving machining processes and the optimum cutting conditions of various materials. This know-how in application engineering has been transferred to a configuration of machine that is rigid and at the same time dynamic and in which each axis is capable of offering drive systems with a high, dynamic removal capability (up to a speed of 40 m/min with an acceleration of up to 3.5 m/ sec²). The balance between dynamics and strength has been translated into significant improvements in productivity because it allows work to be carried out by adapting to the cutting conditions of each process and material.

At the same time, empty movement times (changes of tools and accessories, measurements, etc.) are reduced to a high degree; the more complex the machining process is and the higher the added value involved is, the more important this becomes. The rigidity of the structure linked to optimized, hydrostatic guiding systems and thermal stability control guarantee maximum precision and reliability to tackle complex, high added-value machining tasks.

A solid project

This product will therefore be the cornerstone of the new phase of GMTK, which has the endorsement of IK4-TEKNIKER as its R&D partner and Goratu as its industrial partner. The machine-tool company will be distributing the Geminis VL through its large distribution network, thus providing a more comprehensive offer which will comprise horizontal lathes (Geminis) and vertical ones (Geminis VL).

The R&D centre for its part has put its commitment to GMTK within the framework of its line of transfer in which it collaborates with some of its customers to launch spin-offs onto the market. The aim is to launch high added-value competitive products internationally.

In the words of Ainhoa Rementería, CEO of Goratu, “Geminis VL vertical lathes are the perfect complement for our company’s portfolio of products being able to present a comprehensive offer” and she pointed out, “I believe this new phase is going to allow this solid project, which

provides a differential value on the market, to be relaunched”.

For his part, IK4-TEKNIKER’s CEO Alex Bengoa valued the collaboration between the company and the R&D centre: “The union provides strength, and in this case the new project brings together a reliable business trajectory with an R&D partner with expertise in the machine-tool sector and in the transfer of technology to the market”.

About Goratu

Goratu Machine Tools Manufacturer has been manufacturing machine-tool equipment for over the last 60 years and today it is offering customised solutions for technologies with a high degree of specialisation. The company, a specialist in turning and milling technologies, devotes over 5% of its turnover to R&D&i and exports over 90% of what it produces. To do this, it has its own subsidiaries in Germany, the U.K., Italy, Russia, India and China, as well as a broad sales network.

About IK4-TEKNIKER

With experience spanning over 30 years in research into applied technology and its transfer to companies, **IK4-TEKNIKER** has achieved a high degree of expertise in four major areas: Advanced Manufacturing, Surface Engineering, ICTs and Product Engineering, which enables it to put its cutting-edge technology at the service of a range of industrial sectors.

Further information

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