





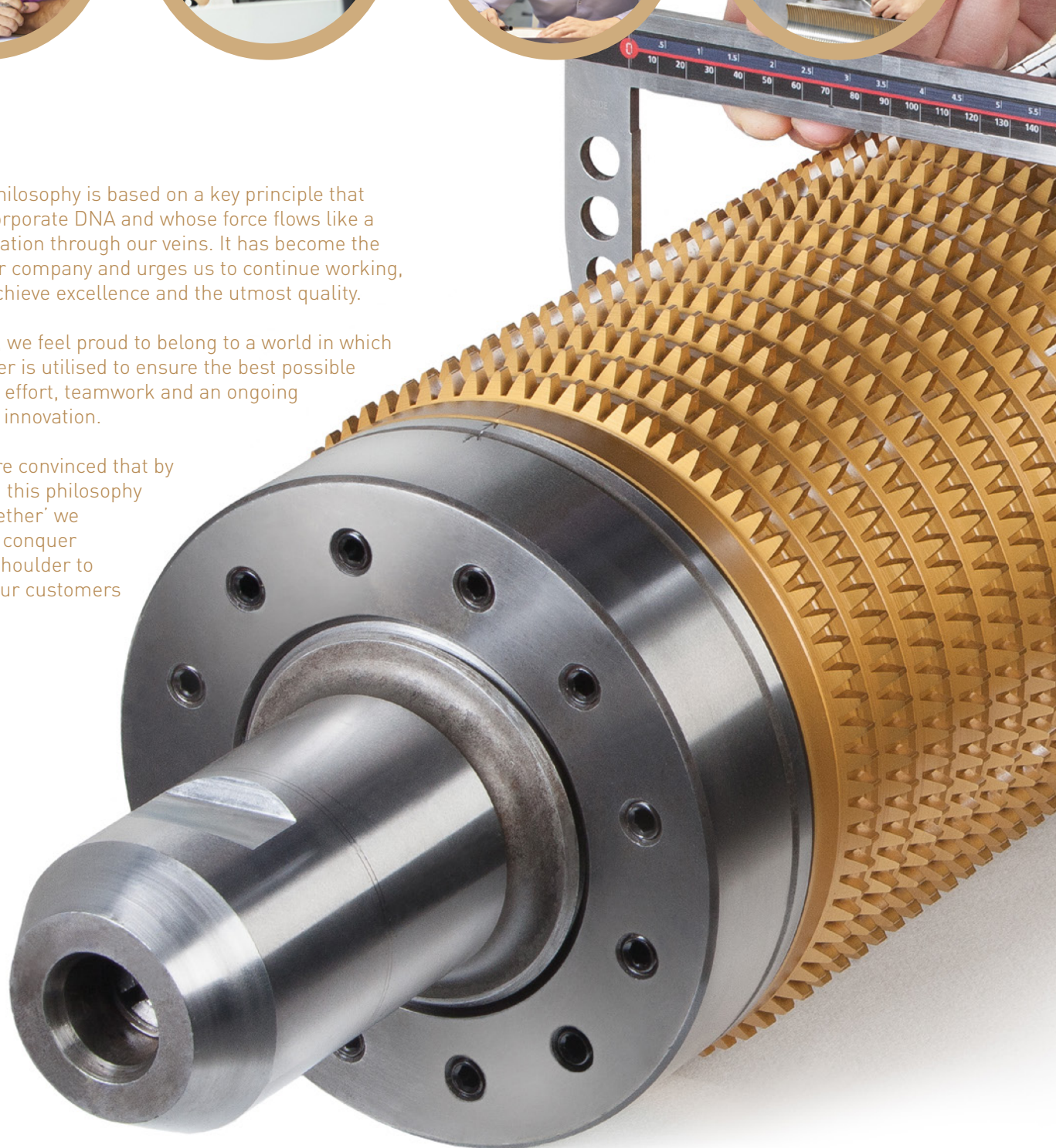
>WELCOME TO THE WORLD OF
thinking together



Our business philosophy is based on a key principle that is part of our corporate DNA and whose force flows like a torrent of motivation through our veins. It has become the heartbeat of our company and urges us to continue working, day by day, to achieve excellence and the utmost quality.

For this reason, we feel proud to belong to a world in which thinking together is utilised to ensure the best possible results through effort, teamwork and an ongoing commitment to innovation.

Moreover, we are convinced that by being faithful to this philosophy of 'thinking together' we will continue to conquer new horizons, shoulder to shoulder with our customers and suppliers.



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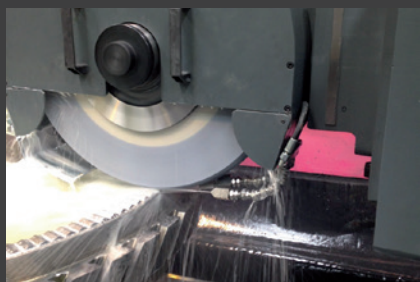
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Energy Industry



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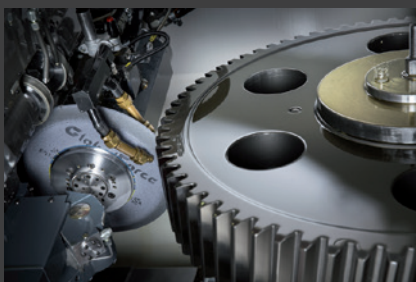


· Porta muelas y porta rodillos Steinmetz

· Boquillas Grindaix

· Soluciones Magnéticas

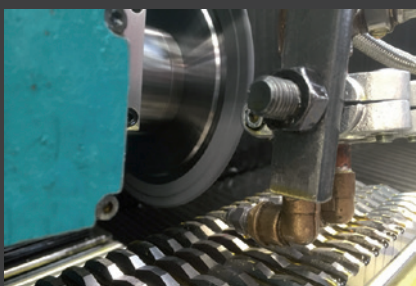
· Herramientas de mecanizado



· Herramientas abrasivas para el rectificado

· Muelas de CBN y DIAMANTE

· Diamantadores y rodillos



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»» ekin

>Over 50 years of
CONSOLIDATED EXPERIENCE



>We have firmly established ourselves AS A TRUSTWORTHY PARTNER



Over the five decades which have passed since the company was first founded, we have consolidated our position as a market leader in the field of machine and tool manufacturing. Our commitment to iR&D and the adaptation of our products to the needs of each individual customer has made us a company of reference at both a European and worldwide level, offering a wide range of products and services of unbeatable quality, mainly for the automotive, aeronautics and energy industries.

We are currently one of the largest broach manufacturers on the international market, and it is worth highlighting that few companies in the world can match our reputation in the fields of broaching and cold rolling.

Today, our human team consists of over 400 people and, thanks to the professionals working in our extraordinary department of engineering (who imagine, design and create parts and machines), as well as our collaboration projects with top tier European technology centres, we are able to offer cutting-edge, customised products. Furthermore, we strive at all times to foster satisfaction among our employees and to encourage personal growth, because we are well aware that it is the minds of our human team that are the source of those ideas that have helped turn our company into a market leader.

*'Ekin is
a clear
example
of just how
far you
can go by
trusting
in the human
capacity to
imagine'*



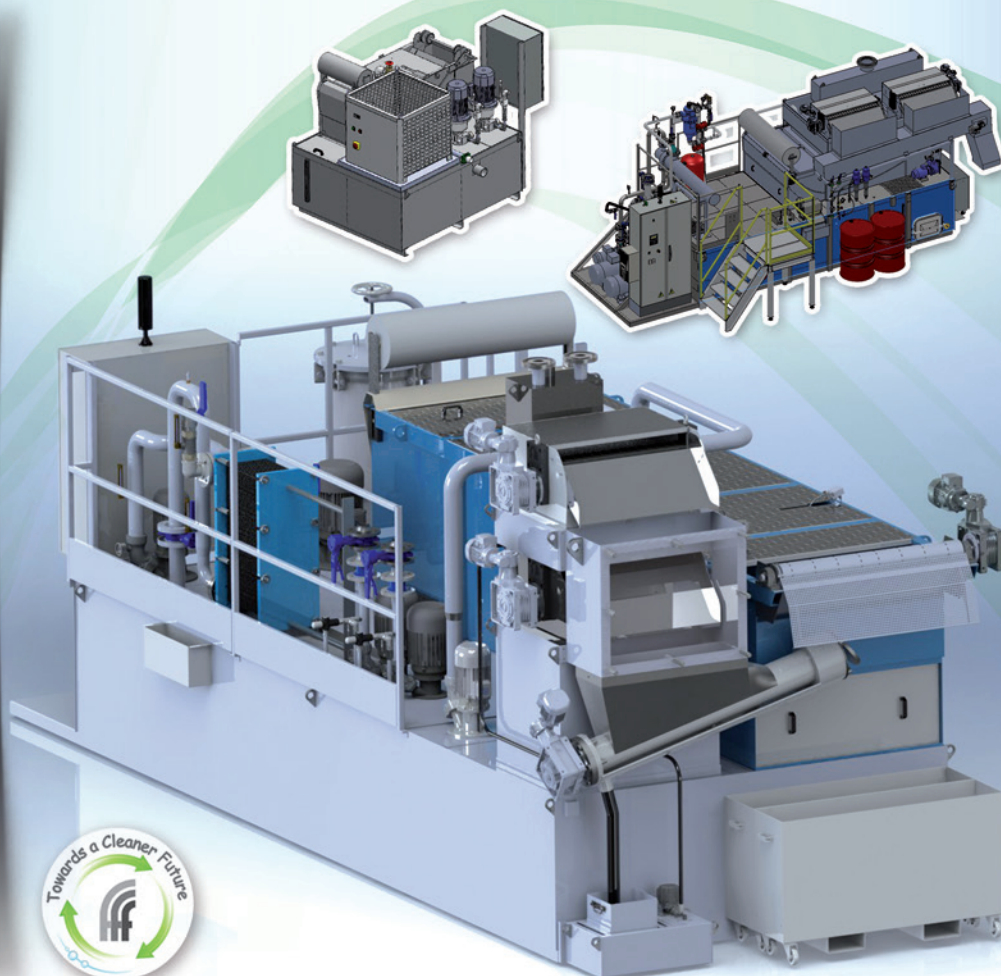
Filtres Monnet a French company which has, for over 40 years, specialized in the area of the treatment of swarf and filtration of cutting fluid from machine tools.

We have partnerships with major manufacturers such as EKIN, COMAU, PCI, HURON ... and are suppliers to automobile and aeronautical equipment manufacturers.

Our products: gravity filters, hydrostatic filters, suction filters, magnetic separators, de-oilers...

FILTRES MONNET es una empresa francesa con más de 40 años de experiencia en el sector del tratamiento de virutas y la filtración de fluido de corte de máquinas herramientas. Es socia de grandes constructores como EKIN, COMAU, PCI, HURON, ... y proveedora de fabricantes de equipos y componentes para automoción así como para la aeronáutica.

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>International PRESENCE

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(Basque Country - Spain)

EKIN - CDM
(Milan, Italy)

SOROCABA
(Brazil)

EKIN BRAZIL SUL
(Gravataí, Brazil)



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Brazil

SOROCABA

Av. Rudolf Dafferner, 160
Jd. Boa Vista
18085-005 Sorocaba (SP)
Brazil



EKIN INDIA
(Gurgaon - Haryana)

'Thanks to our clear focus on continuing to grow and evolve at an international level, we are currently present on three continents and plan to continue expanding through our new plants and strategic joint ventures, in order to continue offering the very best service possible to all our customers'



For more information about our company and our many representatives throughout the world, please scan the code and visit our website at: www.ekin.es

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for more information



>ONGOING COMMITMENT
to Quality and iR&D



We remain at the forefront of innovation with the most advanced technologies, in order to meet our customers' expectations. We rise to the challenge of keeping abreast of all advances made in the industry and as soon as any advance is detected, we incorporate it into our production processes, a system which enables us to work with even the most technologically demanding companies, worldwide.



Our commitment to innovation has always been a part of our know-how. Back in the 1990s, we were pioneers in Europe in the manufacture of table up internal broaching machines, and today we are one of the largest broach manufacturers on the continent. Furthermore, thanks to our competence and expertise, in 1994 we were one of the first Basque cooperatives to obtain the ISO 9000 certificate. Similarly, we have also earned quality certificates from some of the most demanding customers on the market, namely leading manufacturers in the automotive industry.

We apply the very latest verification technology to ensure that we continue to manufacture top-quality machines and tools. Our working model is based on the improvement of all internal processes and an ongoing investment in the implementation of technological advances, because we know that the benefits derived from this help us improve and constantly reinvent ourselves.

LAU BERMEKA, S.L.

Lau Bermeka, S.L.
Pol. Ind. Ibaítarte, 15
20870 Elgoibar

**PIEZAS MECANIZADAS
MONTAJE DE CONJUNTOS**

943 744 358



Investment, hard work and training are the necessary ingredients for innovation. In addition to all the controls required by suppliers, legal regulations and our own quality system, we also test and approve all our facilities in accordance with the strictest standards and in line with a rigorous continuous improvement plan and quality, technical and environmental training programme.

The result is a system of rotating teams of employees who periodically check all facilities in order to guarantee everyone's safety and well-being.



Somos fabricantes de muelas abrasivas, muelas de diamante y CBN, vitrificadas, muelas con eje, limas, etc.

Todos nuestros productos son de gran calidad ya que se fabrican con los materiales más innovadores del mercado



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>Clear focus on SOCIAL COMMITMENT

We have the backing of the internationally renowned Ner Group, an association which brings together diverse socially-concerned organisations which are united by the New Style of Relations, and whose aims focus on sharing experiences, synergies and knowledge, as well as on joining forces to improve, advance, become more efficient and achieve better outcomes. The ultimate aim is to ensure fairer, more sustainable human development.

Presence of the Ner Group in the world:

- Nearly 2,700 people.
- Turnover of over €400 million.
- Presence in over 60 countries.

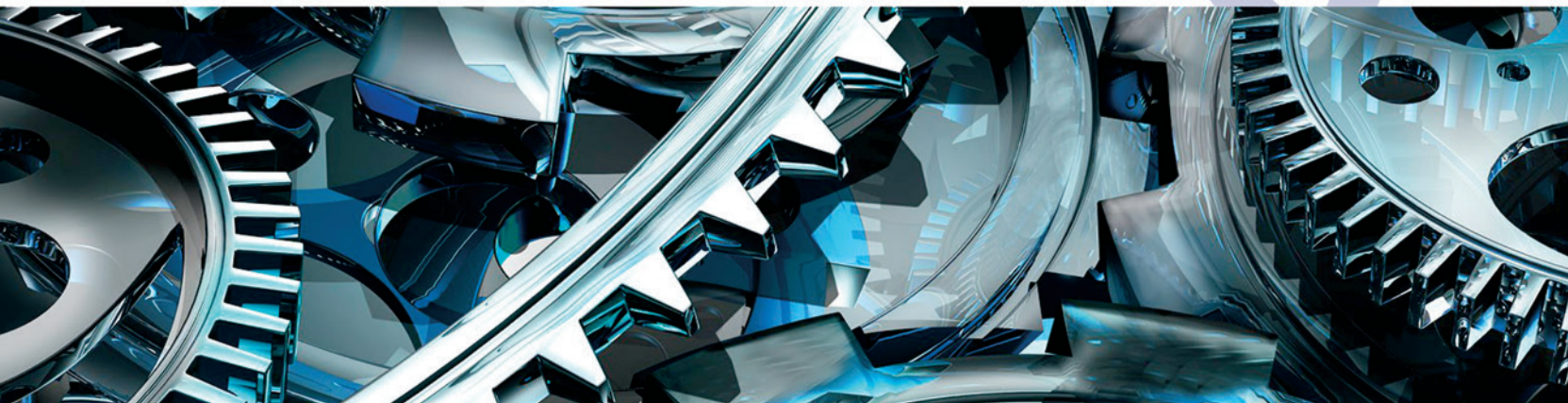
It is worth noting that at Ekin, we apply a cross-cutting working method based on people and their capacities. As a result, we have been recognised as an international example of teamwork. But that is not all. The human team at Ekin is an unbeatable example of intergenerational coexistence, with the result being the perfect union of youth and experience.

Although the mean age of our workforce is fairly young, most people work at Ekin their whole lives, which in turn generates a strong sense of commitment towards those who will come after us. We are a large yet tightly-knit team, governed by the principle of solidarity and commitment to the society of which we form part, the environment in which we carry out our activities and the future of both.





BINDER
MAGNETISM & ENGINEERING



Inventar constantemente técnicas nuevas y mejorar las ya existentes, elevar calidades así como optimizar el servicio es un constante reto para BINDER

Sistemas de sujeción electromagnéticos a medida



Alto nivel de precisión - Máxima seguridad - Aparatos de bajo consumo eléctrico.

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Lo particular es nuestra norma.

Sistemas de desmagnetización



Muchas de las piezas tratadas no deben presentar ningún tipo de magnetismo residual debido a su posterior uso.

Estas exigencias son válidas desde cojinetes hasta instalaciones de medición, llegando a instrumentos de quirófano.

Nos hemos especializado en el sector de desmagnetización y ofrecemos desde sencillas versiones manuales pasando por un sinfín de aparatos hasta las más complejas instalaciones electrónicamente controladas.

Binder – Magnetism & Engineering

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www.binder-es.com



» ekin

'We are world leaders in high-precision machines and tools for broaching and cold rolling. Moreover, we are an industry reference in Europe, since we are fully self-sufficient'



>Why Ekin? WHAT SETS US APART?

Our evolution is based on people and innovation. Technology, customisation and collaboration are the foundations of our product offer and our position as leaders is nothing but a reflection of the excellent work carried out by our professionals.

We stand out from our competitors for having a broad range of unbeatable capacities. We have our own heat treatment facilities, as well as a highly specialised Technical Support team, and we also engage in strategic collaboration with various different technology centres. All this enables us to guarantee a comprehensive offer of products and services to cover all the industry's needs and requirements.



Lauko Máquinas Herramienta, S.L.
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20870 Elgoibar (Gipuzkoa)
www.lauko-mh.com



Lauko Máquinas Herramienta está especializada en la actualización y renovación de Máquina Herramienta mejorando los tiempos de producción y su precisión.

Ingenieros y técnicos con una gran experiencia estudian las posibilidades de cada proyecto, ideando y diseñando **las mejores soluciones** para optimizar las condiciones de trabajo en sus máquinas.

Introducimos controles CNC, motores, husillos y carenados nuevos. Renovamos el sistema eléctrico y ajustamos la geometría de las máquinas. Pintamos y modernizamos su aspecto. Y finalmente, ponemos en marcha y comprobamos el funcionamiento de estas antes de ser trasladadas y montadas en su lugar.

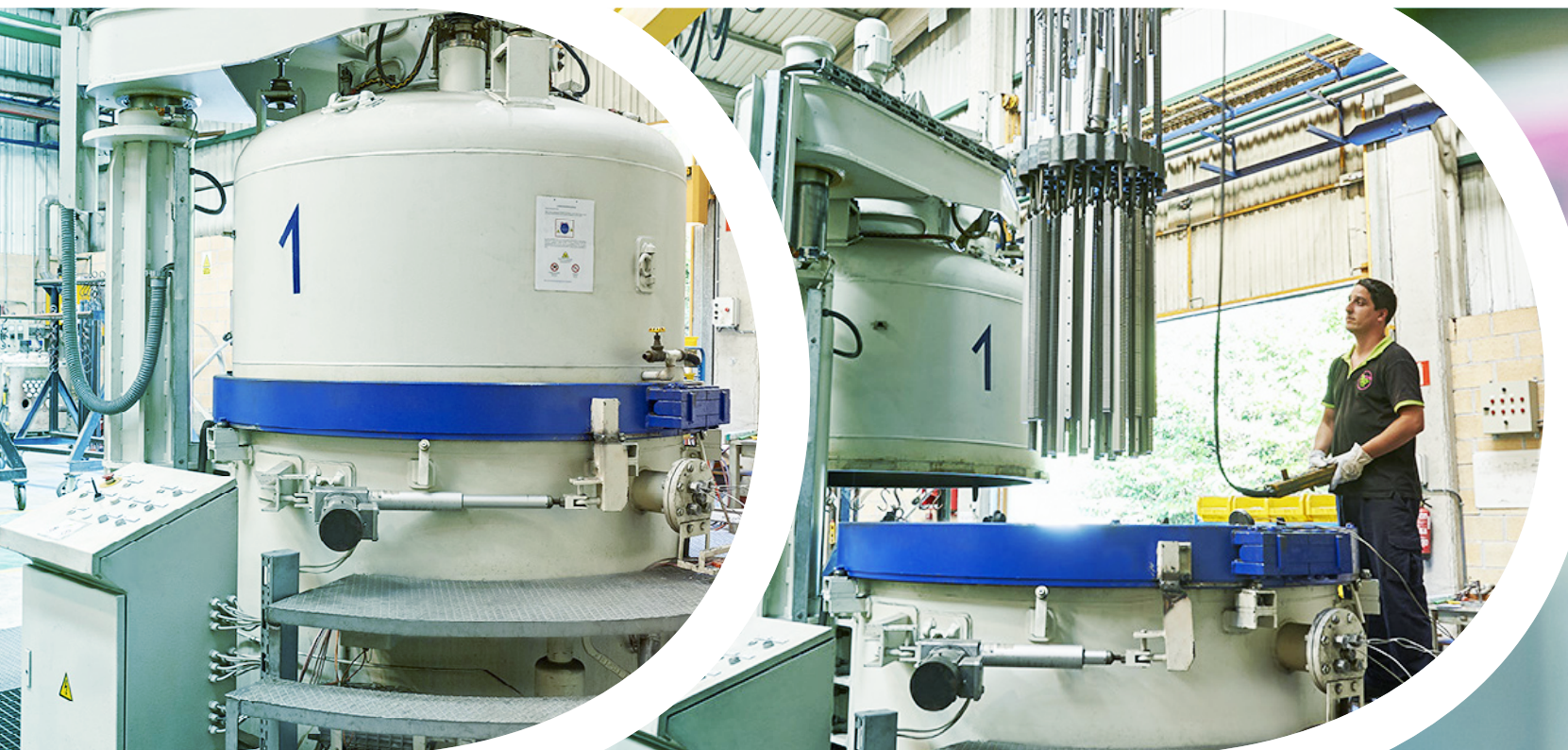
También **formamos a sus operarios** para que adquieran el control necesario de los nuevos controles CNC.



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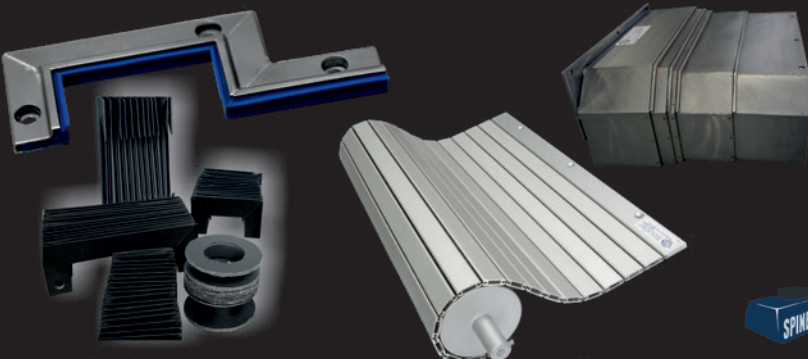
>HEAT


Treatment



With two vacuum furnaces and six tempering furnaces, located in our 1,400 square metre facilities in Lemoa, we have the only heat treatment plant in Spain for broaches up to 2.5 metres in length. This gives us a competitive edge, since we are able to carry out the heat treatment process in-house, making us completely independent in relation to external suppliers.




The process is based on a wide range of common steels, both high speed and sintered, for the roughing, cutting and tempering of flat and round broaches. Our furnaces can reach temperatures of up to 1,300° C, depending on the requirements of each material. We also have six tempering furnaces in which parts are processed four times, one time more than is usual in the industry. This is done to meet the extremely high quality requirements of our products.





scuder
way wipers

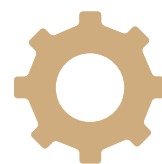
Protección para máquina-herramienta

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>SERTEC:

Much more than a Technical Support Service



Our Technical Support Service (SERTEC) is the embodiment of our philosophy: 'thinking together', and is the bond that unites suppliers and customers with a healthy dose of added value. At Ekin, we do not only offer products, but also engineering for any development related to our customers' activities. We analyse their requirements and needs, and offer them the benefit of our decades-worth of experience and specialist know-how in our different business areas. Moreover, we also have SERTEC teams who travel to our customers' premises to guarantee optimum service and ensure top-rate quality control.



zas informatika

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> COLLABORATION WITH Technology Centres



At Ekin, in addition to conducting our own iR&D, we also engage in collaborative research through local and international technology development programmes, mainly with Mondragón University and the University of the Basque Country. We also collaborate with technology centres such as Ideko and CEIT on specific technological innovation projects. The augmented reality-based technical support service we currently offer is a clear example of our commitment to investing in new technology.



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>WE OFFER
Comprehensive Solutions



One of our main competitive advantages is the fact that we offer a wide range of comprehensive solutions. We cover all the aspects of the broaching and cold rolling fields, and are world leaders in the manufacture of high-precision tools and machinery. We offer engineering services, tool and machinery manufacture, a sharpening service and technical support, all under our leitmotif: 'thinking together'.

OLASA
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NIKKEN


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AIMHE
ASOCIACIÓN DE IMPORTADORES
DE HERRAMIENTAS DE TALADRO



>OUR PRODUCTS:
Tools

'Our principal hallmarks are quality, innovation and the search for excellence, and all these are reflected in the manufacture of each and every one of our products'

A close-up, low-angle shot of a large, metallic gear. The gear's teeth are prominent, showing a brushed metal texture. A blue, semi-transparent geometric overlay, resembling a stylized 'E' or a series of parallel lines, is positioned diagonally across the right side of the gear. The background is blurred, showing more of the gear and some yellowish light at the top left.

At Ekin, we design and manufacture broaches and racks in accordance with the specific needs of each individual customer, with a high degree of customisation.

The main characteristic that makes our products stand out from the rest is that we offer customised solutions, since we design, manufacture, commission and carry out maintenance work in accordance with our customers' specific requirements.



»» **ekin**

> OUR PRODUCTS: Tools

Our extensive catalogue of products currently represents over 60% of our business. Consequently, most of our effects are focused on guaranteeing the maximum quality level in each and every reference.

- Internal broaching
- External broaching
- Broaching of steering racks
- Broaching of brake callipers
- Fine profile broaches
- Rolling racks
- Pot broaching
- Special products



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- ♦ Diamantadores dinámicos (Rodillos)
- ♦ Muelas metálicas y resina de diamante y CBN
- ♦ Herramientas electrolíticas de diamante y CBN

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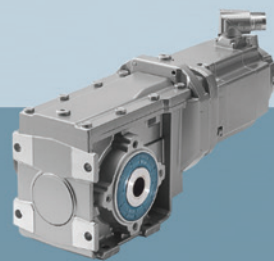




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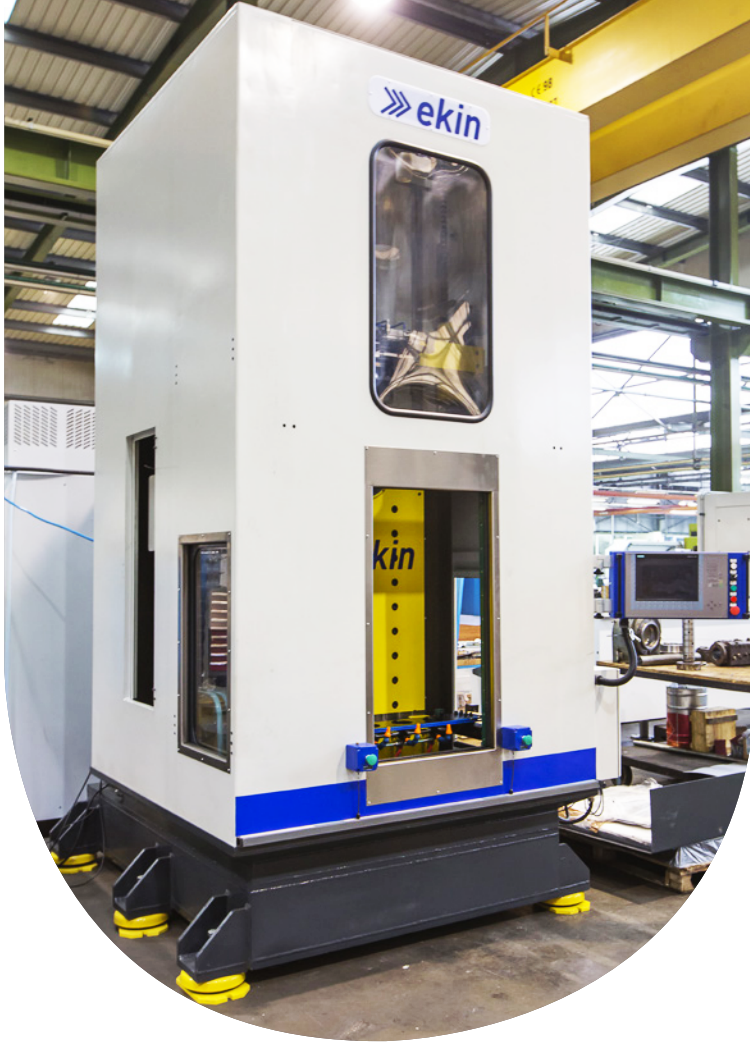
At Ekin we are extremely demanding as regards our manufacturing and quality processes, an attitude that has made us a world-class company in our field. One of our basic premises is that we should always adapt to each individual customer during the manufacture of ever more complex and precise machines. Thanks to our efforts in the field of iR&D, we are able to incorporate innovative solutions into a process of ongoing learning and constant evolution. One of our main competitive advantages, and evidence of our advanced technological development, are our table up electromechanical machines. These machines offer greater safety and quality in the manufacture of each and every part, and furthermore, are more environmentally-friendly.



>RISHEM

Electromechanical table up internal broaching machine with a load capacity of 10 to 80 tonnes. During operation, the broaching machine remains fixed and the part moves up thanks to the table up mechanism. This means that no pit is required for installation, and the operator works one metre above floor level.

This type of machine is ideal for automated lines, although it can also be operated manually. Since the machine is 100% electromechanical, with no hydraulic unit, it offers a considerable noise reduction as well as 50% energy savings in comparison with conventional hydraulic machines. In the RISHEM, all axes (guide, drive and broaching) are located on the same plane, meaning that the forces generated are also aligned. This in turn avoids stress and moments (torque), which is then reflected in the increased quality and precision of the broaching operation.



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'Machines are the most representative product of our consolidated know-how, since we manufacture all those required to produce each and every part and tool'

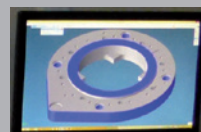
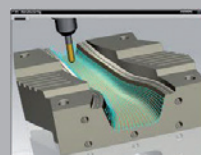
>VIM

Electromechanical table up internal broaching machine with a load capacity of 6 to 16 tonnes. This is a very competitive option, ideal for medium-sized production runs.

>RIS-Z

Hydraulic vertical fixed table internal broaching machine, with a load capacity of 4 to 120 tonnes. This machine is characterised by its immense flexibility. It was redesigned in 2015, and now integrates new energy saving technologies which offer up to 20% savings in comparison with conventional hydraulic machines. Moreover, all axes (guide, drive and broaching) are located on the same plane, meaning that the forces generated are also aligned. This in turn avoids stress and moments (torque), which is then reflected in the increased quality and precision of the broaching operation.

The RIS-Z stands out for its versatility and ease of use and operation, although it can also be automated. It is ideal for customised medium-size production runs. It incorporates an independent retrieval system, which simplifies the tool change operation and speeds up the broaching process.



Contamos con un **sistema de CAD-CAM** que nos permite, junto con **maquinaria de última generación**, solventar cualquier necesidad que el cliente pueda plantear

Políg. Ind. SAPU-I Arriandi B, N°11 · 48215 Iurreta (Bizkaia)
Tel: 94 681 51 90 · Fax: 94 681 51 84
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>VERSATILITY

at the service of Quality



>H-ROLLING

Machine which comes in both a vertical and horizontal version, for all types of linear rolling operations. This machine is particularly known for its capacity to incorporate different geometries in the rolling of a single part.

>SHARPENING

Sharpening machine that incorporates all our extensive experience gathered over the years. Alongside our tool sharpening service, it guarantees optimum results.



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E-mail: info@reinorte.com



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Fax +34-93-3738765

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>MACHINES INCORPORATING SPECIAL TECHNOLOGY

Based on our experience, research and development, we offer a wide range of dry broaching, hard broaching, pot broaching and blind broaching machines, which cover almost all the specific needs the market may have.



>RAS

This category includes external broaching machines, both hydraulic and electromechanical, with customisable solutions in accordance with the customer's individual needs and requirements.



Zerbitek

Comprometidos Contigo
Servicio Técnico

Sistemas de visualización
y captación

Adecuación Máquinas
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Calibraciones



La **confianza** y
la **experiencia**
son nuestro
mejor aval

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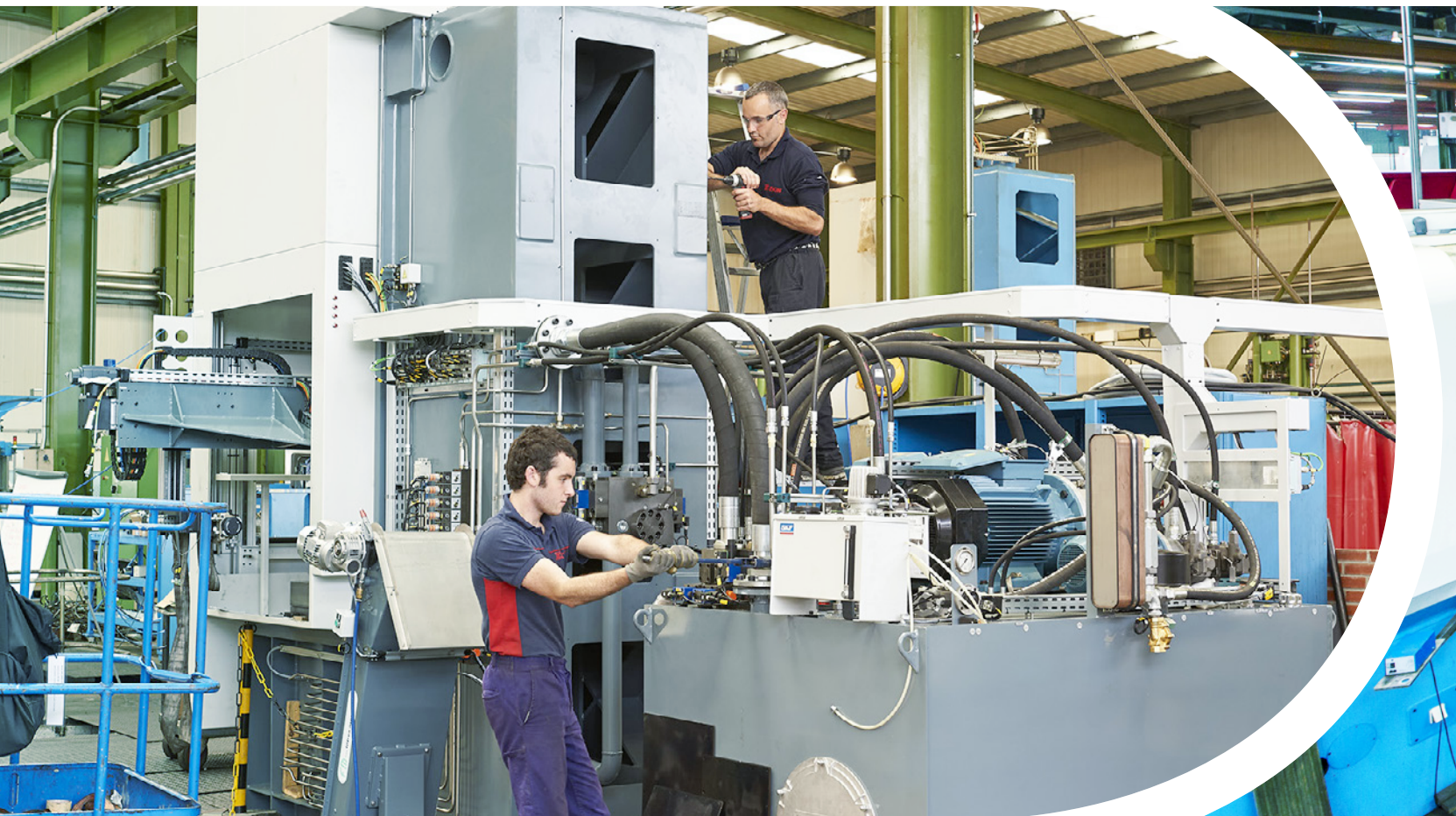
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www.iriondo.com



> BROAD RANGE of Tailor-made Services



We offer a comprehensive technical support service and sharpening, broaching and regeneration operations for both our own products and others on the market. Being a truly international operation covering all five continents, at Ekin we offer services to companies working in the automotive, aeronautics, energy generation and capital goods industries.

> TSS

Our Technical Support Service (TSS) covers all products, whether or not they are within warranty, and responds to all needs, be it replacement of faulty parts, repairs or periodic checks, etc. We also specialise in machine retrofitting, in relation to both our own machines and those manufactured by other brands.

> BROACHING

We carry out broaching operations for our customers, guaranteeing the highest levels of precision and quality on the market.

> SHARPENING

Thanks to the experience and specialist know-how we have accumulated over the last five decades, our sharpening service for Ekin products offers performance levels well above the market mean.

> REGENERATION

At Ekin, we also specialise in regenerating rolling racks, and offer this service in relation to both racks produced by us and those manufactured by other brands. The aim is to enable our customers to continue using these elements, either for the same use but with higher performance, or for other tasks.



HERRAMIENTAS DE CORTE DE METAL DURO Y HSS



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> BUSINESS STRATEGY **Industry by Industry**



'Our products are mainly aimed at satisfying the specific requirements of the automotive, aeronautics and energy generation industries'

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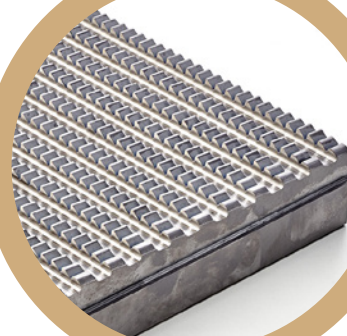
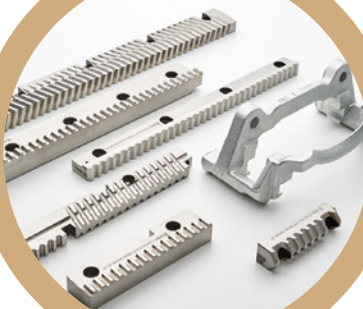
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'Some of the most important companies in this industry have been placing their trust in the superior quality of our products for years now'



> **Automotive**
INDUSTRY



'Our openness, flexibility, dynamism and capacity to adapt to customers' needs have made us a clear market leader in Europe'

We are qualified to offer solutions to any issue related to machining for the automotive industry. The result is a large base of satisfied customers who remain faithful to our products and include them in their production chains. Hence, many leading automotive companies, both OEMs and TIER1 suppliers from both Spain and abroad, choose our solutions time and time again.

CUTTING-EDGE TECHNOLOGY IN BROACHING AND ROLLING

Some of the world's leading car manufacturers trust in Ekin because we have responded efficiently for years to their extremely demanding standards. We strive every single day to ensure that our products meet the extremely strict requirements of the world's leading players in this field. That and that alone is the secret of our success.

At Ekin, we are experts in special machines and machines adapted to specific customer requirements. With decades of experience under our belt, our customers know that Ekin is synonymous with optimum quality and trustworthiness.



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'We specialise in the high-precision machining of critical components for wind turbines'



> **Aeronautics** INDUSTRY



Our perspectives for growth in the aeronautics industry are based on our in-house developments in broaching technology, which enable a significant reduction in process times. This in turn gives us a clear competitive advantage on the market.

Consequently, our development in this industry has, right from the start, been based on the diversification of our portfolio and our desire to become more international.

Moreover, with the aim of further consolidating our presence in the aeronautics industry, in 2015 we joined Hegan, the Basque aeronautics and space cluster.

INVESTMENT IN CUTTING-EDGE TECHNOLOGY

Over the last twelve months, our aeronautics division has equipped itself with high-precision machinery manufactured by Ekin.

'Our division currently has the capacity to manufacture over one hundred broach sets per year for the aeronautics industry, and our plan is to expand rapidly in this field in the near future'

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> **Energy**
INDUSTRY



'In an industry as sensitive as the energy generation sector, the quality controls we carry out are especially strict in order to offer optimum efficiency and safety, guaranteed'

We have consolidated our position as a key reference in the energy generation industry, in which we have been working for a number of years now.

Our extensive experience and acquired know-how in the automotive industry provide the background required to meet the needs of energy companies with the utmost efficiency.



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