
WORLD™
GASKET
allegi
Company profile

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WORLD GASKET™
ellegi


WORLD GASKET
The REAL ones. The ONLY ones.

01
ABOUT US
LET US INTRODUCE OURSELVES

We are the go-to company in the world of industrial gaskets

Our deep roots give stability to our open and ambitious entrepreneurial outlook

Our story began in **1977** when **Francesco** and **Mario Polini** who, inspired by their typically Bergamasco entrepreneurial intuition, founded the company.

Today, with **Luca** and **Ugo Polini**, the second generation of the family at the helm, **we are the number 1 reference point** for **industrial gaskets** around the world, both for first-time use and spare parts.

This has been made possible thanks to the people in **World Gasket Ellegi's large family**, who are key to the company's success.







A STORY DATED 1977

1977
Ellegi is founded and, since its debut on the market, has offered a full range of products made with all kinds of elastomers and thermoplastic materials. We start our business in **Italy**, before entering important new markets such as the **Middle East**, **America** and **Africa**.

1987
We created the **WORLD GASKET** brand which identifies the **new range** of alternative items to OEMs dedicated to the **earth moving machinery** industry.

1997
Innovation and continuous technological research into production processes enable us to achieve **quality certification** from **Dekra** and thus to apply the **ISO 9001 Quality System** to all our production cycle.

2011
We renew our visual identity to consolidate the idea of **efficiency** and **professionalism** acquired over time and to face the markets and **challenges of the future** with **new momentum**.

2020
We consolidate the **value of our brand** through a unique, strong and **distinctive brand identity**.

2021
We reach approximately **11,000 m² of warehouse** space: a key asset to ensure fast and timely supply of the entire product range.

2023
We continue to **invest** in our future by integrating a new facility for also the **manufacture of liquid silicone parts**.

2024
We establish **WGE Middle East** with our warehouse in **Dubai**, a strategic hub to ensure **faster delivery** and **greater product availability**.

01
ABOUT US
OUR STRENGTHS

Ethics and humanity

Our guiding values

A GLOCAL IDENTITY

Our **Bergamasco roots**, our link with our local region and the **Made in Italy philosophy** distinguish our presence on the world market.

DEDICATION TO OUR CLIENTS

“The **client** at the centre” is not a slogan but a value we have chosen and practised through **proactive consultancy** and solid **partnership**.

A SENSE OF BELONGING

We believe in **People Power**, and for this reason we involve the members of our team to be an active part of the company.



RECOGNIZED KNOW-HOW

Our reputation precedes us as our **know-how** is **recognized** by the **world market** and all the major industrial players.

INTEGRATED EXPERTISE

World Gasket Ellegi’s **Business Units** continuously integrate their respective **expertise**, thus creating a virtuous circle that results in innovative **R&D** of products and processes.



DYNAMIC MINDSET

Our entrepreneurial approach always aims at being **state-of-the-art** so as to achieve the **highest technical standards** and focus on constant improvement.

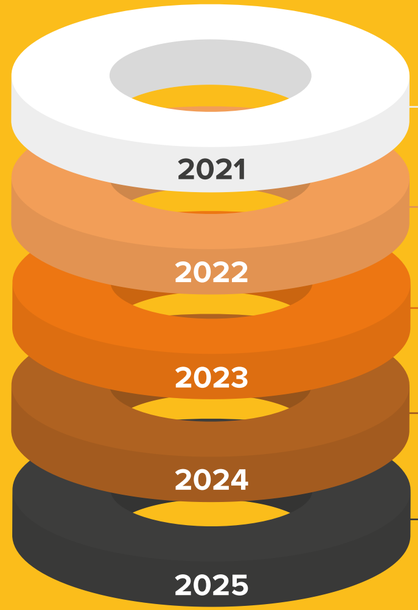
ONE BIG FAMILY

It’s the **people** who make our business. We are a big family of people who have been working for us for decades to turn World Gasket Ellegi into an environment where everyone can **feel at home**.

01
WGE IN NUMBERS
THE COMPANY

A company in continuous growth

Over the years we have seen our company grow more and more and **achieve incredible business goals**. The credit goes to all the people who make up the large WGE family who, with their exceptional **professionalism**, contribute to the **company's success** every single day.



Employees 110 people
Turnover 30 millions
Surface 15,000 m²

Employees 120 people
Turnover 34 millions
Surface 20,000 m²

Employees 100 people
Turnover 30 millions
Surface 20,000 m²

Employees 100 people
Turnover 30 millions
Surface 21,200 m²

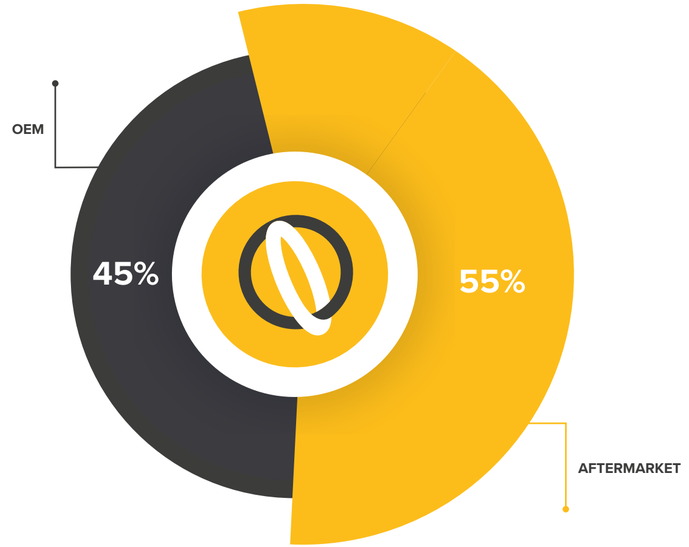
Employees 100 people
Turnover 30 millions
Surface 21,200 m²

WGE IN NUMBERS
THE INDUSTRIES

The industries we work for

If your company is active in these industries, we are for you.

FURNITURE / ELECTRONICS
APPLIANCES / FLUID POWER
FOOD / HVAC / EXTREMELY
HIGH PRESSURE / EQUIPMENT
MEDICAL / PHARMA / POWER
TRANSMISSION / VALVES
VENDING



01

WGE IN NUMBERS

THE COUNTRIES

An accurate analysis of our global market

- ALGERIA
- AUSTRALIA
- AUSTRIA
- BOLIVIA
- BRAZIL
- COLOMBIA
- EGYPT
- GERMANY
- INDIA
- INDONESIA
- ITALY
- LIBYA
- MALAYSIA
- MEXICO
- MOROCCO
- NIGERIA
- PAKISTAN
- PERU
- POLAND
- ROMANIA
- SAUDI ARABIA
- SINGAPORE
- SLOVENIA
- SOUTH AFRICA
- SOUTH KOREA
- SPAIN
- TAIWAN
- THAILAND
- TURKIYE
- U.A.E.
- U.S.A.
- YEMEN

and OTHER COUNTRIES



02

TWO BU
ONE GREAT BRAND

Two Business Units

OEM and Aftermarket:
two links in the same chain

We are a **single large brand** with **two Business Units**.

Two fundamental links in the same chain that work together and strengthen one another: a genuine virtuous circle dedicated to Quality.

The **OEM** Business Unit is in charge of manufacturing **technical items** and **industrial gaskets**.

We are your ideal OEM partner for the design and manufacture of sealing systems, made in a wide range of elastomers, thermoplastics, asbestos-free papers, steels, and liquid silicone, ensuring quality, reliability, and customized solutions for every industrial application.

We have the experience and technical expertise needed to meet any type of request across a variety of application sectors. By working closely with our customers, we develop high-quality projects and offer solutions tailored to every need. Whether it's a small component or a complete product, we are the ideal partner because we always provide the highest level of **professionalism**, with the goal of ensuring **excellent quality** and meeting agreed-upon delivery deadlines.



OUR **OEM** PROPOSAL

Production of technical items and industrial gaskets

After receiving a product request with its specifications, a **co-design phase begins** during which we bring our expertise into play to make the **product** even more **functional** and effective, and, where possible, to **reduce costs** and **optimize resources**.

Our products are aimed at all manufacturers in the following industries: earth-moving, naval, automotive, hydro-sanitary, hydraulic, pneumatic, appliance, food, energy, electronics, gas control, medical, and pharmaceutical industries.





02

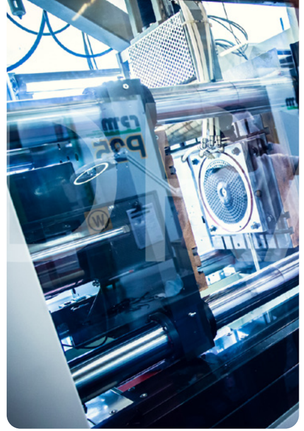
TWO BU
THE PRODUCTS

Our products

Custom project-based items

- Elastomer and thermoplastic gaskets
- Elastomer and thermoplastic frames
- Elastomer and thermoplastic seal-o-rings
- Asbestos free and steel gaskets
- Rotary shaft oil seals
- Lathed seals in PTFE
- Elastomer micro gaskets
- Elastomer membranes
- Wear strips in acetal and phenolic resin







The WG Ellegi production cycle

We start by listening to your needs with a proactive consulting approach

I. CHOICE OF RAW MATERIALS

We select suppliers and raw materials based on a thorough knowledge of materials, particularly elastomers.

II. DESIGN AND MANUFACTURING OF MOULDS

We design and manufacture moulds with the best technological equipment in order to foresee, execute and test solutions that meet all expectations.

III. TECHNOLOGIES AND PRODUCTION PROCESSES

We produce the items using injection molding and compression molding technologies for elastomers and thermoplastics, die-cutting for asbestos-free materials, graphite, and steel, and CNC turning for plastics.

IV. ADDITIONAL PROCESSING

We complete the production cycle with deburring, grinding, post-curing and surface finishing with nano-technologies.

V. INSPECTION, SELECTION AND TESTING

We perform 100% inspection on all products: for parts up to 60 mm, selection is performed by inspection machines equipped with cameras, while for larger parts, sorting is performed by qualified personnel.

VI. PACKAGING AND SHIPPING

In the final stage of the production cycle, the product is carefully packed, labelled and shipped.

02

TWO BU
AFTERMARKET

For spare parts, look no further than World Gasket Ellegi

Spare parts for earth-moving machines

World Gasket Ellegi offers a wide range of **seals and gaskets for earth-moving machines**. On the global market, our products are considered the most reliable alternative to original spare parts. We also produce items for cars, trucks, tractors and industrial parts.

OUR **AFTERMARKET** PROPOSAL

The efficiency achieved and continuous availability of all the products in our range ensure immediate delivery around the world.

High Quality, **accurate service** and **competitive prices** are our company's **primary goals**.

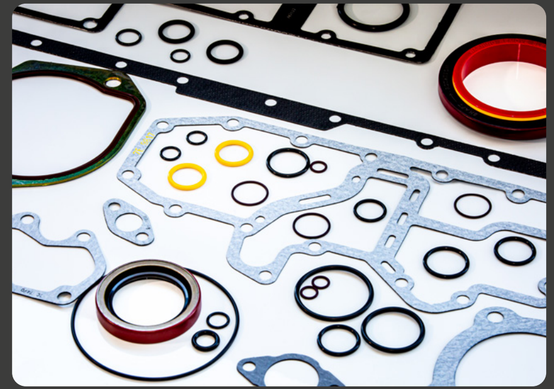
Earth-moving machines brands compatible with WGE products*

CATERPILLAR / KOMATSU / CASE / HITACHI / KOBELCO / CUMMINS / DOOSAN / HYUNDAI / ISUZU / JCB / JOHN DEERE / KAWASAKI / LIEBHERR / LIUGONG / VOLVO / YANMAR

Other industries brands compatible with WGE products*

ALFA ROMEO / AUDI-VOLKSWAGEN / AUSTIN-LEYLAND-INNOCENTI / AUTOBIANCHI / BUSSING / FIAT / FORD / FORDSON / JEEP-WILLYS / LADA / LANCIA / MAZDA / MERCEDES-DAIMLER BENZ / NSU / OM-IVECO / OPEL / PERKINS-LANDINI / PEUGEOT / RENAULT / SIMCA / SKODA / STEYR / VOLVO / ZETOR

(*) Mentioned brands of companies other than World Gasket Ellegi belong to their respective owners and are used for the purpose of specifying product compatibility.



Here are all our product families

- Engine
- Transmission
- Tools
- Hydraulics
- Undercarriage
- Brake





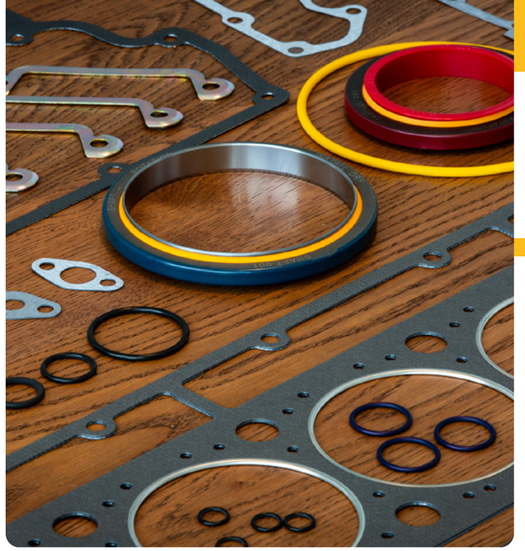
02

TWO BU
THE PRODUCTS

ENGINE PARTS

GASKETS AND GASKET KITS FOR...

- **CYLINDER HEAD**: paper and metal (multi-layer) head gaskets, valve stem seals
- **FRONT/REAR HOUSING**: crankshaft seals, paper and/or metal gaskets for front and rear housing structure
- CYLINDER LINERS
- **TURBOCHARGERS**: gaskets for exhaust systems and turbochargers
- **WATER PUMP**: gaskets for water pump and water lines
- FUEL PUMP & LINES
- **FUEL INJECTORS SEAL KITS**: internal and external fuel injectors
- OIL COOLER & LINES
- AFTERCOOLERS
- AIR COMPRESSOR



TRANSMISSION AND POWERTRAIN PARTS

GASKETS AND GASKET KITS FOR...

- PLANETARY
- TORQUE CONVERTER
- CASE TRANSMISSION AND LINES
- FLYWHEEL CLUTCH
- DRIVE AXLE
- FINAL DRIVE

ENGINE PARTS and TRANSMISSION AND POWERTRAIN PARTS

Main compatible brands*

CATERPILLAR / KOMATSU

Other compatible brands*

CASE / HITACHI / KOBELCO / CUMMINS / DOOSAN / HYUNDAI / ISUZU / JCB / JOHN DEERE / KAWASAKI / LIUGONG / VOLVO / YANMAR

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02

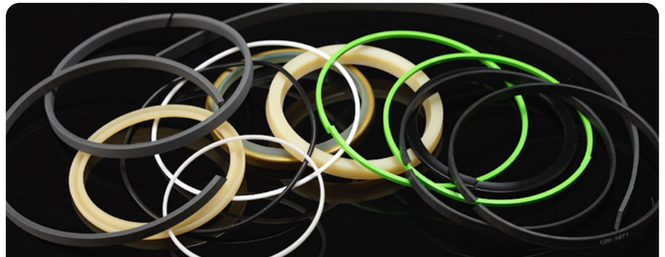
TWO BU
THE PRODUCTS

HYDRAULIC PARTS

WEAR RINGS, SEAL-U-CUPS, WIPER SEALS, PISTON SEALS, BUFFER RINGS, SEAL KITS FOR CYLINDERS (STANDARD AND/OR OVERSIZE):

- STEERING
- LIFT
- TILT
- BUCKET
- ARM
- BOOM





UNDERCARRIAGE PARTS

SEALS, PLUGS, SPACERS, DUO CONE SEALS FOR...

- FRONT IDLER
- ROLLER
- SPROCKET
- LINK ASS (SEALS AND SPACERS FOR SEALING PINS AND BUSHINGS)

HYDRAULIC PARTS and UNDERCARRIAGE PARTS

Main compatible brands*

CATERPILLAR / KOMATSU

Other compatible brands*

CASE / HITACHI / KOBELCO / CUMMINS / DOOSAN / HYUNDAI / ISUZU / JCB / JOHN DEERE / KAWASAKI / LIUGONG / VOLVO / YANMAR

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03

WHY CHOOSE US

CONSTANT INVESTMENT

Warehouse and logistics

A strategic asset at our client's disposal

For us at World Gasket Ellegi, it is essential to ensure an efficient and well-organised service, **constantly investing** in expanding and improving our warehouse space. Our logistics network is based on two strategic hubs.

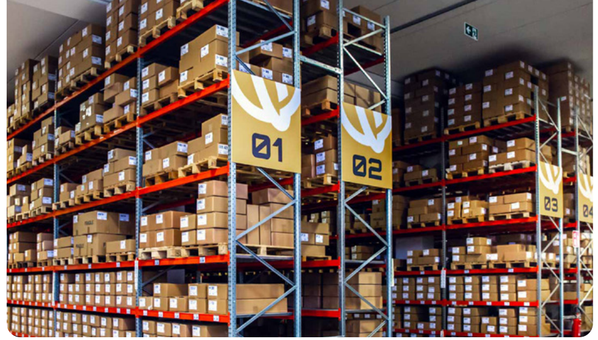
ITALIA, BERGAMO

With **11,000 m²** of warehouse space, our headquarters ensures **quick supply** for the entire product range, even for urgent orders.

UAE, DUBAI - JEBEL ALI

In 2024 we expanded in the UAE with a warehouse of **1,200 m²**, about **10,000 available references** and **5 specialised employees** ready to manage every request with maximum efficiency. Thanks to this new area we can significantly reduce waits and respond more quickly to your needs.

We continue to invest in our logistics infrastructure, because choosing World Gasket Ellegi means choosing a partner who always puts the client at the very centre.





BEYOND THE CONCEPT OF **QUALITY**

An integrated know-how that aims at Excellence

Every day we work towards a single goal: to go beyond the concept of Quality to achieve **Excellence**, both in our products and services.

For us error is a rare occurrence, and this is possible thanks to a **working method** that sees the diverse competencies of our Business Units perfectly **integrated together**.

In order to achieve perfection, we have chosen to incorporate **rigorous, highly specialised quality control processes** which allow us to excel in the final result.





04

HOW WE WORK

QUALITY CERTIFICATIONS

We are a UNI EN ISO 9001:2015 certified company

Our certification

Since 1977, we have adopted an approach of constant process analysis with a view to continuous improvement.

This guarantee lies first and foremost in our wealth of experience, and, furthermore, our formal recognition by the relevant bodies.

Here are the certifications we have obtained over the years.





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