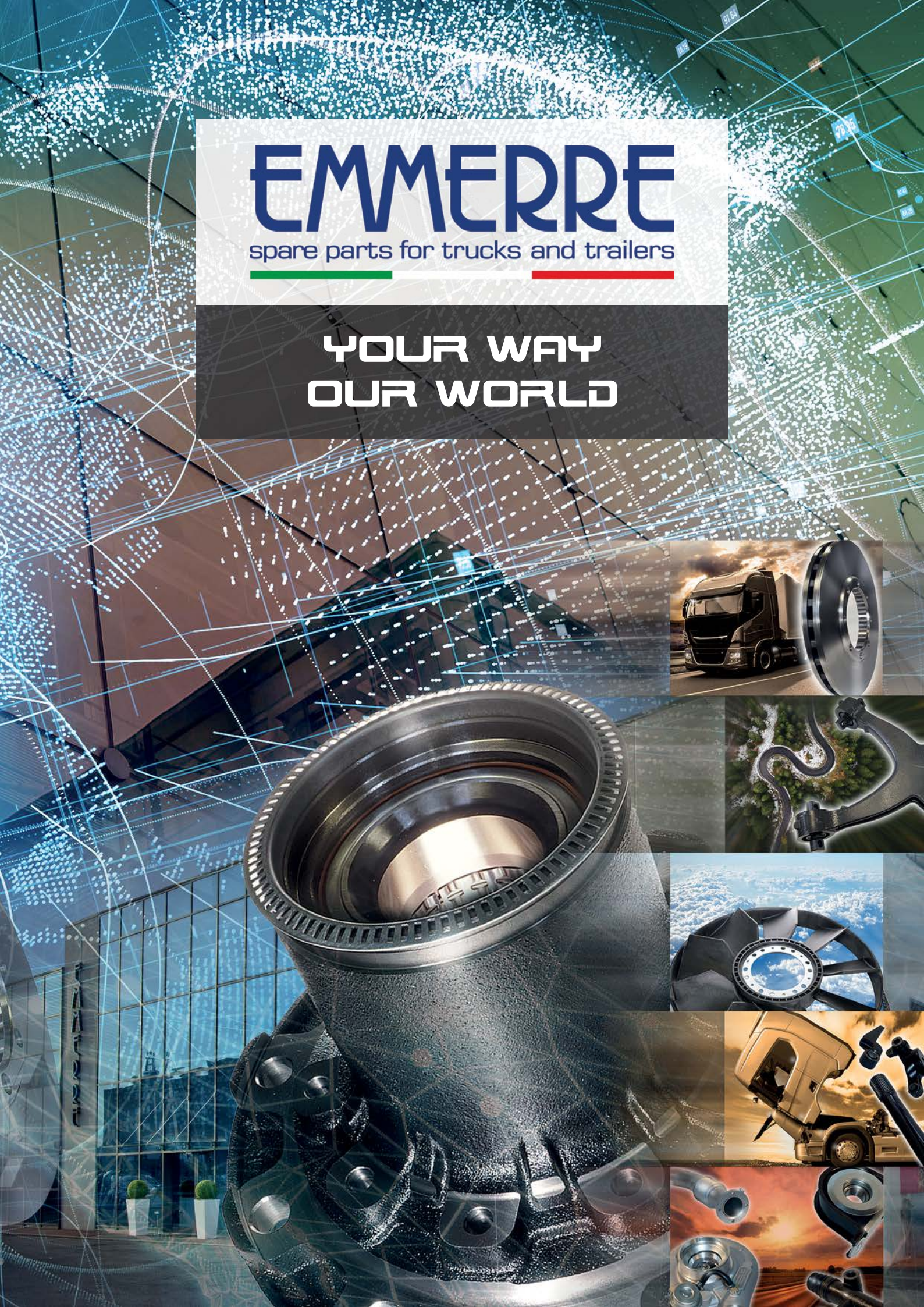


# EMMERRE

spare parts for trucks and trailers

**YOUR WAY  
OUR WORLD**





# Content

Welcome to Emmerre	3
Innovation 4.0	4/5/6
100% Quality	7/9
Produc Line	10/13
Logistic	14
Our certificates	15

## **EMMERRE SRL**

Via Raspini, 2  
10036 Settimo Torinese (TO)  
ITALY

Tel. +39 011 8977373

Fax. +39 011 8977953

M: [export@emmerre.eu](mailto:export@emmerre.eu)

**[www.emmerre.eu](http://www.emmerre.eu)**



# Welcome to Emmerre



Dear Partners,

Emmerre has been producing and distributing mechanical spare parts for more than 40 years. Its production is dedicated to commercial, industrial vehicles and trailers adaptable to the most important European manufacturers such as: Daf, Iveco, Man, Mercedes, Nissan, Renault, Scania, Volvo, Bpw, Ror, Saf, etc.

The company is specialized in spare parts for specific product lines: brake system, steering and suspension system, cooling system and tipping over cabin system.

Brake system is our "strong point" with our brand "TECHNOBRAKE" with a wide range of brake discs, brake pads, wear indicators, brake calipers, wheel hubs, wheel brakes, brake linings and repairing kits. Since a few years the company has put on the market its wheel hubs assembled with original FAG and SKF bearings. A lot of products of this range have got the ECE R 90 homologation.

Our logistics, always in evolution, has at disposal up-to-date automatic warehouses that allow to offer the best service to our customers. Last investment done : a robotic line to assemble bearings to our hubs with a quality control on a 100% basis.

Furthermore, our security parts are covered by a high ceiling civil liability insurance.

One reason more to choose Emmerre.

To be always updated please visit our website: **[www.emmerre.eu](http://www.emmerre.eu)**



Alessandro Marcato  
OWNER



Andrea Marcato  
OWNER



# INNOVATION 4.0

## NEW ROBOTIC HUBS LINE

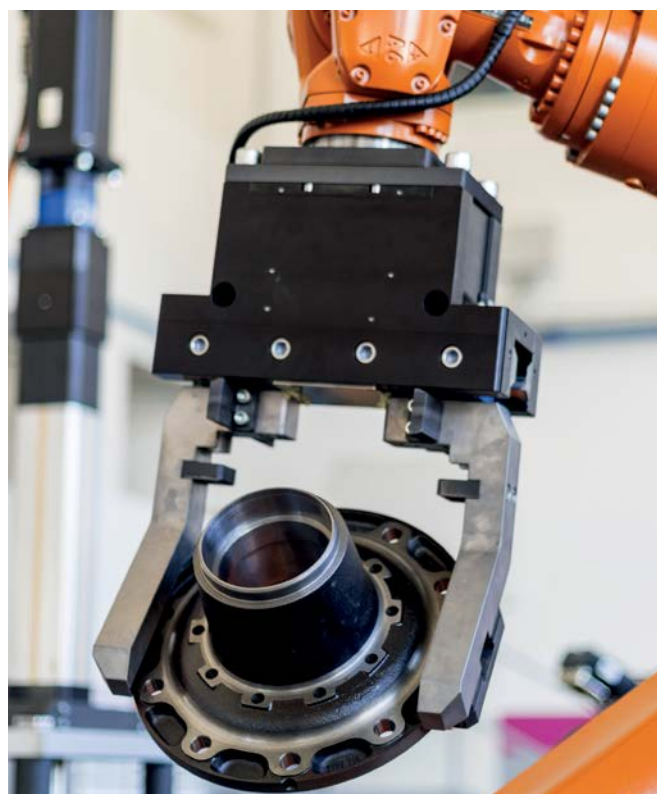


### ROBOTIC LINE TO ASSEMBLE AND QUALITY TEST THE WHEEL HUBS WITH BEARING AND ABS RING

This robotic line has been studied and realized to automatically assemble wheel hubs with relative components by means of robot and pressing presses.

The robot, with flow-rate strength 350 kg. manages the wheel hub movements while the second robot is dedicated to all the components movements.

The whole robotic operates in complete autonomy by means of a specific dedicated software that communicates all the necessary information (power and pressing quota).







When assembly is achieved, the hub is transferred to the test unit where the hub rolling torqued is checked to validate the product.

This quality test is done on all the assembled hubs (100%).

The compliant hubs are marked in order to guarantee their traceability.

**VERY HIGH TECNOLOGY.  
100 % QUALITY CONTROL**

# INNOVATION 4.0

## AUTOCELL WITH MANUAL LOAD TO ASSEMBLE AND TEST THE QUALITY OF THE 100% OF THE WHEEL HUBS



The cell is composed by two electronic axles pressing-machines and a machine dedicated to 100% quality control and branding of the wheel hubs.

The pressing machine with manual load has a trolley that automatically brings all the components in the assembly area.

The assembly is realized with electrical axles to control the pressing force (to verify the interferences) and pressing quota (to check the right position of the bearing).

The testing quality machine with manual load has a trolley that brings the assembled wheel hub in the assembly area.

The testing machine has a preload bearing's cage with vertical axle and an engine connected to an electronic device that controls the rolling torque of the hubs.

To complete the process the hubs are branded.

The management of the 3 machines has 3 different PLC to produce and test in an separate way.





# 100% QUALITY

**EMMERRE: THE POWER OF QUALITY**



Emmerre pays attention to the quality of the products that the company puts on the market. All quality tests are done on our products in order to guarantee the best quality to our customers.

In addition to the Quality Department actions on all the parts that reach our warehouses, the company has got a technical laboratory in charge of testing the homologated brake pads. All production batches are tested to check their strength, hardness compression and wear coefficients.

We are proud to be able to say that all our hubs assembled with original bearings are checked on a 100% basis.



**TOTAL CONTROL FOR VERY HIGH  
PERFORMANCES**

# 100% QUALITY

## EMMERRE: THE POWER OF QUALITY

### 3D LASER SCANNER

Since 2016 the EMMERRE research and development laboratory has been equipped with advanced 3D laser scanning technology.

The 3D laser scanner allows the reverse engineering starting from a sample adopting new technical solutions to improve the parts characteristics.

In addition 3D scanner technology allows to perform all the activities that guarantee the product quality: inspections, measurements, conformity, claim analysis and so on.





## TESA MICRO - HITE DCC 3D



Emmerre has a complete metrology laboratory for the qualitative verification of the products and for the investigation of any defects.

The laboratory is equipped with cutting-edge measuring instruments and an automatic three-dimensional dimensional control machine.

Thanks to the powerful measurement software, this machine is able to detect measurements within the tolerances foreseen with error margins down to the micron.

**HIGHT TECHNOLOGY FOR A  
QUALITY PRODUCTS**



# OUR PRODUCTS

## BRAKE SYSTEM



### YOUR WAY, OUR WORLD.

This range is the “strong point” of EMMERRE with 2500 references of products belonging to the following lines: brake discs ( ECE R 90 homologation), brake drums, brake hubs, brake pads (ECE R 90 homologation), brake linings (ECE R 90 homologation), wear indicators, calipers and brake assembly.

A large range of our hubs with original SKF and FAG bearings, that allows to offer up-to-date parts with excellent quality.

Our assembling method, thanks to a robotic line, allows us to offer a quick, of high-quality and safety service. The range of our braking parts is adaptable to all products of the most famous commercial vehicles, industrial vehicles and trailers constructors.









# OUR PRODUCTS

## STEERING SYSTEM



This range is one of the most important for our company. It includes ball joints, tie rods, centre-and torque rods with their revision kits.

During our 40 years of experience, our range of steering parts has evolved and has been enriched with many parts for as many manufacturers that allows us to offer our customers a wide range of quality products.

We have got repairing kits, ball joints and rods that are very requested on the industrial and commercial vehicles markets.



## COOLING SYSTEM



We know that the control and the management of temperature on industrial vehicles is very important because each stop means money for the users.

Emmerre pays attention to this topic and propose to its customers a large range of products such as water pumps, water tanks, radiators, air fans and tubes.

The EMMERRE Quality Control completes the warranty of the product.

## TIPPING OVER CAB



This range has been well developed in recent years. This is one of the largest range among all our products proposal.

This range offers pumps and cabin cylinders, cabin shock absorbers, tipping over kit and all their components.

In our catalogue 2019 you will find all the new shock absorbers, cylinders, supports and tubes.



## VARIOUS



Our range called "various" includes all those parts that EMMERRE trades and are complementary to its range of products.

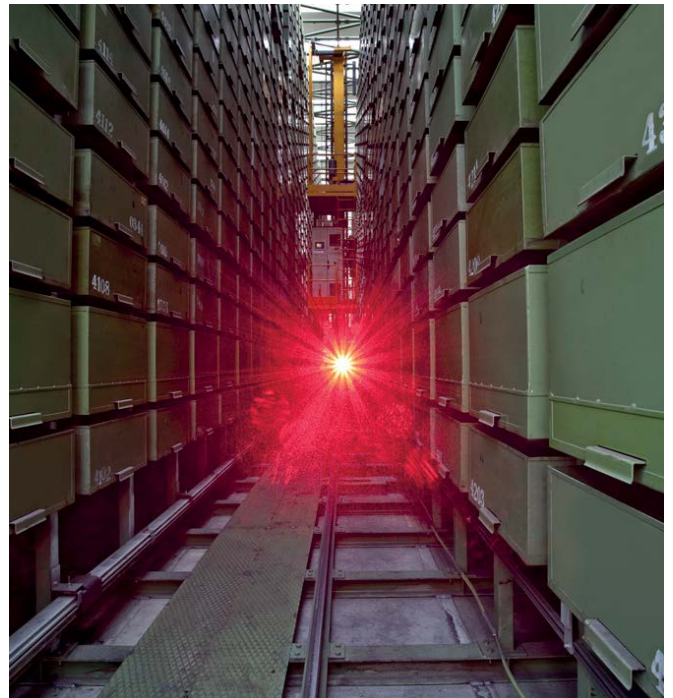
A large number is dedicated to motor parts, more than 500 pcs, such as transmission belts, tensioners, turbo chargers.

A range is dedicated to exhaust, clutch and gear box systems. There are parts dedicated to transmission and differential systems too.



# OUR LOGISTIC

## EMMERRE ORGANISATION



Emmerre has significantly invested in logistics, obtaining an advanced technology that enables it to offer an increasingly enhanced and prompt service to its customers.

Emmerre has 3 automatic warehouses (Swisslog, Comau and Demag) that are interfaced to the integrated company information technology system, reducing possibility of errors.

## AUTOMATIC WAREHOUSE

The automatic warehouse are different according to their load capacity but are all very flexible to quickly answer to our customers' requirements.

The acquisition of an adjacent warehouse increases the space at disposal and allows the storage of big quantities of bulky parts such as brake discs, brake drums and hubs.

Additional personnel has been hired to lead the company to a structural and organisational growth.





# OUR CERTIFICATIONS

TOP QUALITY GUARANTEED



Emmerre strongly believe in the quality of its products, for this reason the company put a lot of effort in Research and Development Area.

The high quality of Emmerre products is now recognized from the most important National and International Quality Institutions.







[www.emmerre.eu](http://www.emmerre.eu)