

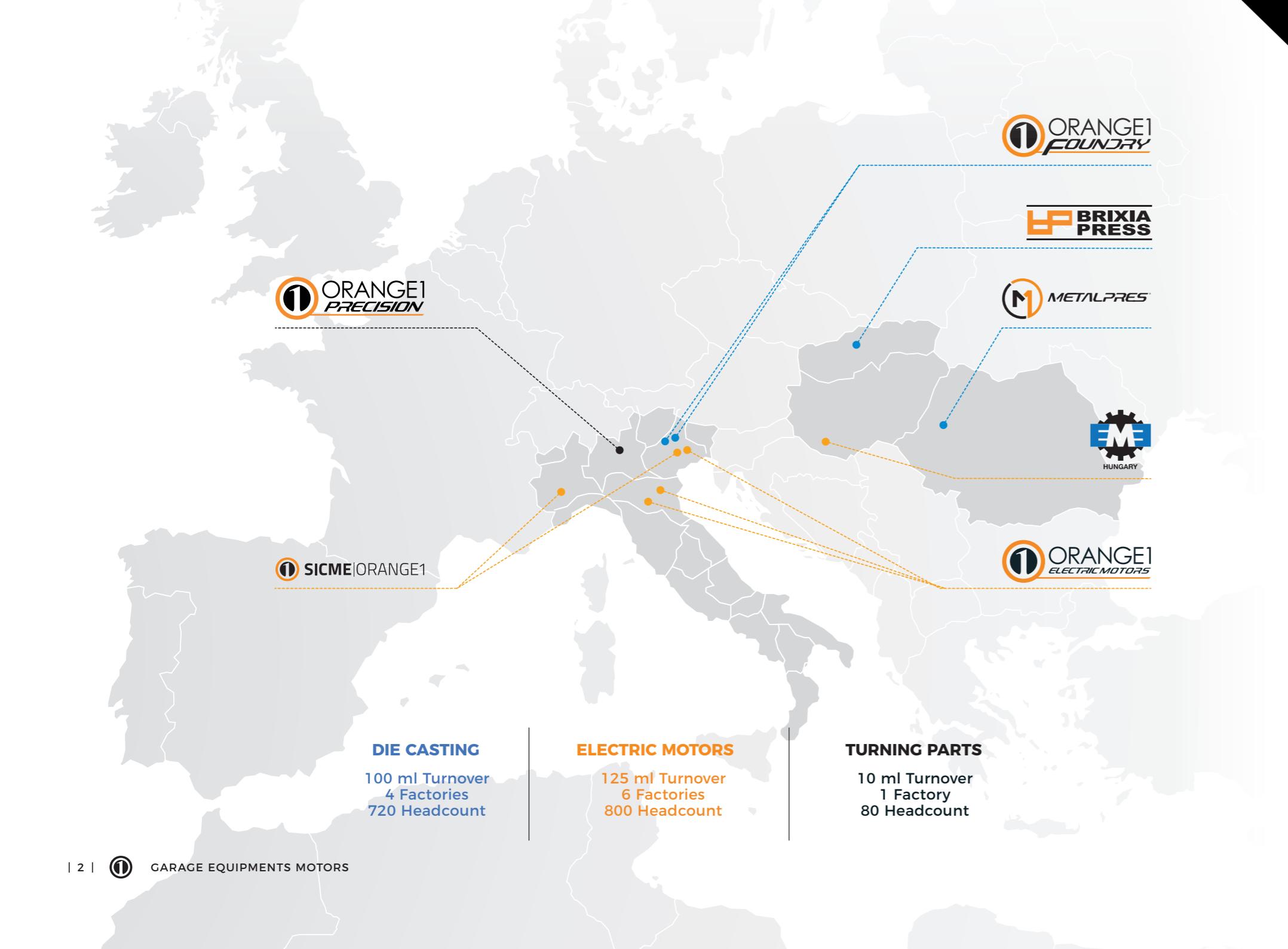


ORANGE1
HOLDING

Garage Equipments

Orange1 Electric Motors

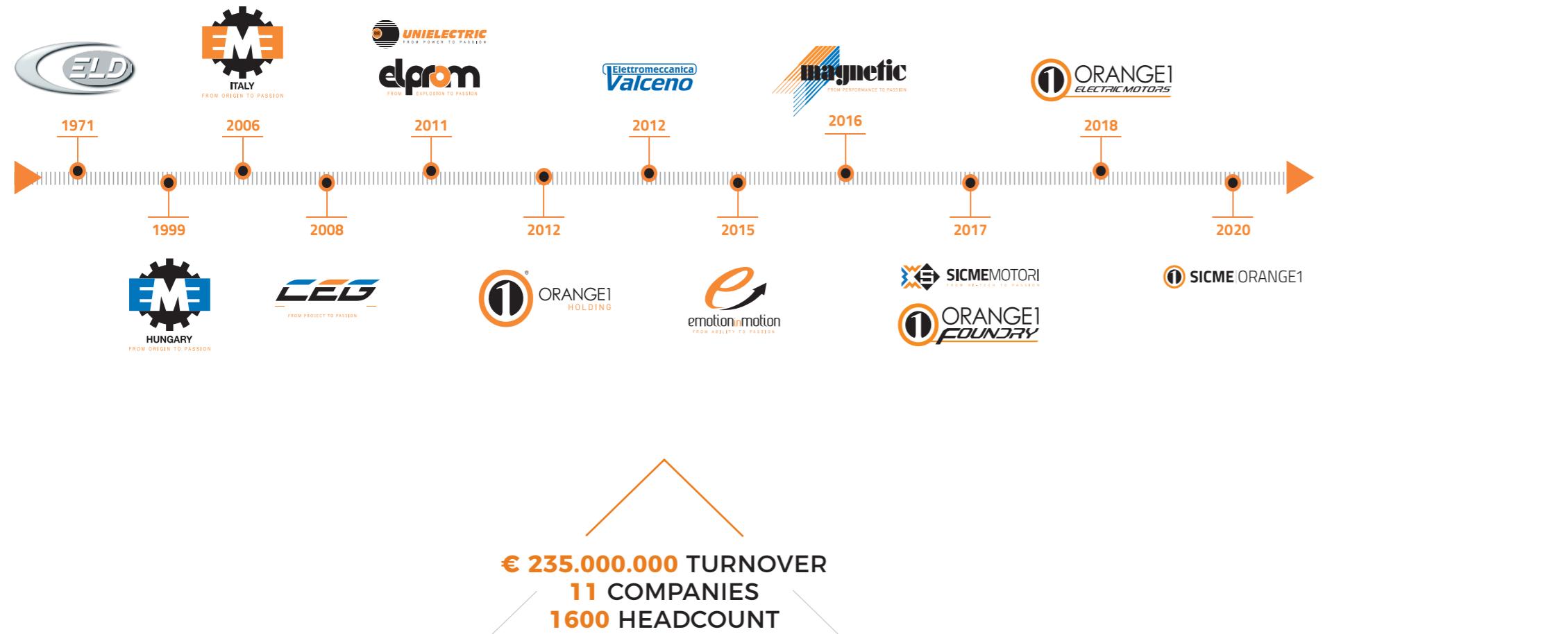




A dynamic, strong and ambitious Group

Orange1 Holding is an international renown Group, one of the most important European manufacturers of single-phase and three-phase asynchronous electric motors. It has an annual capacity of more than 1 million motors and 5 million electric stators with an annual turnover of approx 235 million euro and more than 1600 workers in 15 production facilities. The group, established in 1971 by Leone Donazzan, chaired today by his son Armando Donazzan, is strongly focused on technological innovation, performance and customization to meet individual clients requirements.





Elettromeccanica Leone Donazzan was established on 1971 in Bassano del Grappa. In 1983 the company turned into Eld Spa.

In 1998 Armando Donazzan took over the running of the company; thanks to his determination and intuition he applied new financial and commercial policies which increased the level of reliability and visibility. In March 2006 the company changed its name to EME Spa and finally became Orange1 Electric Motors in 2018.

The aim of O1EM is to manufacture custom made motors to meet clients and market expectations. The actual production covers a large range of AC and DC motors, as well as brushless motors and Variable Frequency Drives, to provide total solution. This know how in supplying products to the Textile markets makes O1EM reliable and skilled for the ideal motor settings to secure long terms performances in heavy environment conditions.

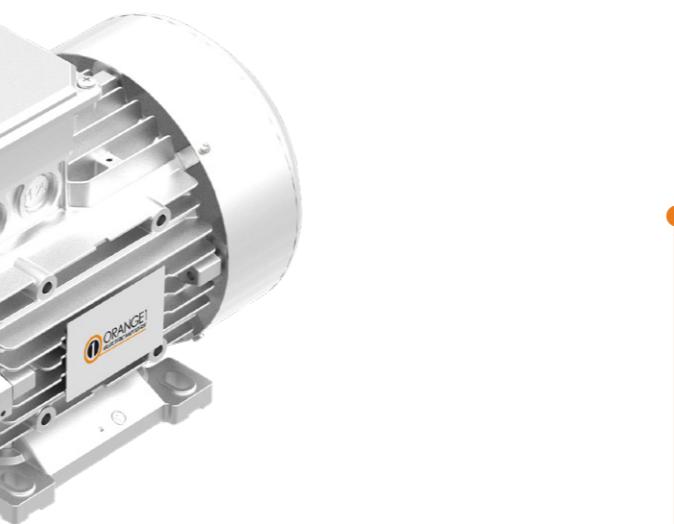


Garage Equipments Motors

The world of garages, car mechanics and tire services is an important sector for the application of electric motors, starting from the simplest compressors for inflating tires to more complex systems such as car lifters, tire changers and test benches for cars and motorcycles. For all these functions, it is necessary to use high quality electric motors, which guarantee excellent performance in terms of torque, speed and durability, which comply with all the regulations necessary for operator safety and which are fully controllable through the use of a programmable inverter. Thanks to many years of experience in the sector, Orange1 Electric Motors and Sicme Orange1 included in a wide range of motors and inverters suitable for every application needed in the most demanding garages.

Main Applications

-  **TEST BENCHES**
-  **INFLATE TIRES**
-  **AIR COMPRESSORS**
-  **CAR LIFT**
-  **TIRE CHANGERS**
-  **WHEEL BALANCERS**



Certifications



BENEFIT of Orange1 Electric Motors

-  Motors with special flanges and shaft for a direct fixation to different powerpack brands
-  Electronic on board to optimize efficiency, torque and speed even with single phase supply
-  Certificates of all products to comply with European and American standards
-  Motors with brake for lifting application with reversible screws
-  Product with cable with socket and ON / OFF switch.
-  Option with completely encapsulated motor. A special process using epoxy resin, makes the internal electrical parts completely waterproof. The motor is resistant to the most hostile environments in terms of presence of water and condensation of humidity.

After sales, replacement & service

Orange1 Quality and Technical Team, together with a dedicated internal department, offers a full service system able to satisfy any specific request into electric motor maintenance. Orange1 Service can provide an innovative diagnostic tools for electrical testing and analysis to pinpoint immediately specific motor issues, and can provide a service of reparation for motors.

MOTORS production

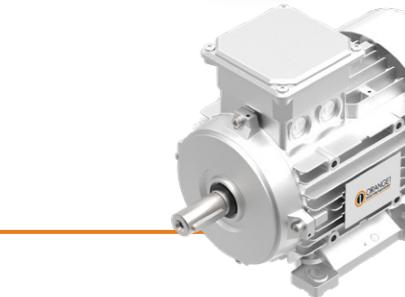
DRIVE MOTORS

These motors are improved with a frequency inverter integrated into the reduced terminal box. This solution offer room saving, absence of shielded cables from inverter to the motor, an easier installation with high protection rate (IP55). The motors are designed according the application and it could be implemented with an integrated filter on demand.



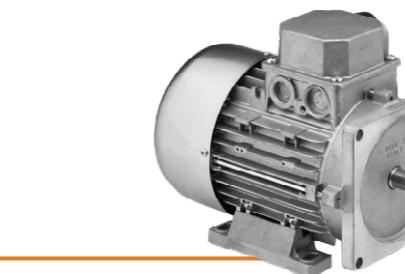
SINGLE PHASE AND THREE PHASE MOTORS

1 speed and 2 speed - One speed or two speeds three phase motors manufactured in accordance with different specifications requested by the clients. Available in 2-4-6-8 pole from 0,09 kW up to 30 kW, in aluminum housing IEC 56 up to IEC 180. UL/CSA approval available on demand.



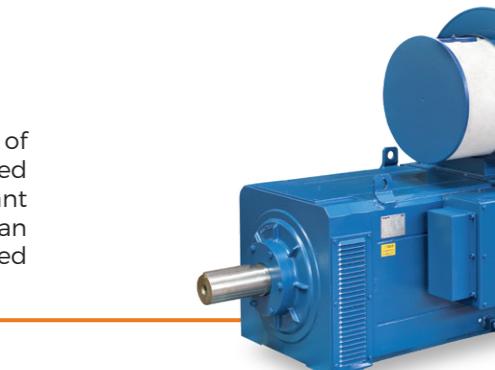
AC MOTORS FOR HYDRAULIC

The electric motors are largely used in the hydraulic applications, flange mounted B5 or B14 with special couplings and adaptors between the motor and the pump. In addition to our standard range, Orange1 Electric Motors has developed the Powerpack Series. The motors have special flanges and shafts to allow a direct coupling between motor and pump. The special square flange is suitable for the main pump brands on the market. The motor range is between 71 and 100 frame size, with output power up to 5.5 kW for an intermittent duty. The main field of application all the hydraulic applications with direct coupling to a gear pump in particular for lifting devices, compactors, special drives and many others.



AC VECTORIAL MOTORS

These asynchronous motors have been specially engineered to achieve dimensions of dc motors of similar power and to be suitable for high performance, flux vector type controllers in variable speed applications. The distinctive electromagnetic and mechanical design permits operation in constant power mode at maximum speeds of up to 8000 RPM. The efficient stator cooling system uses an auxiliary electrofan to combine the benefits of reduced dimensions and high, continuous, low-speed torque capability.



Why Choosing Orange1

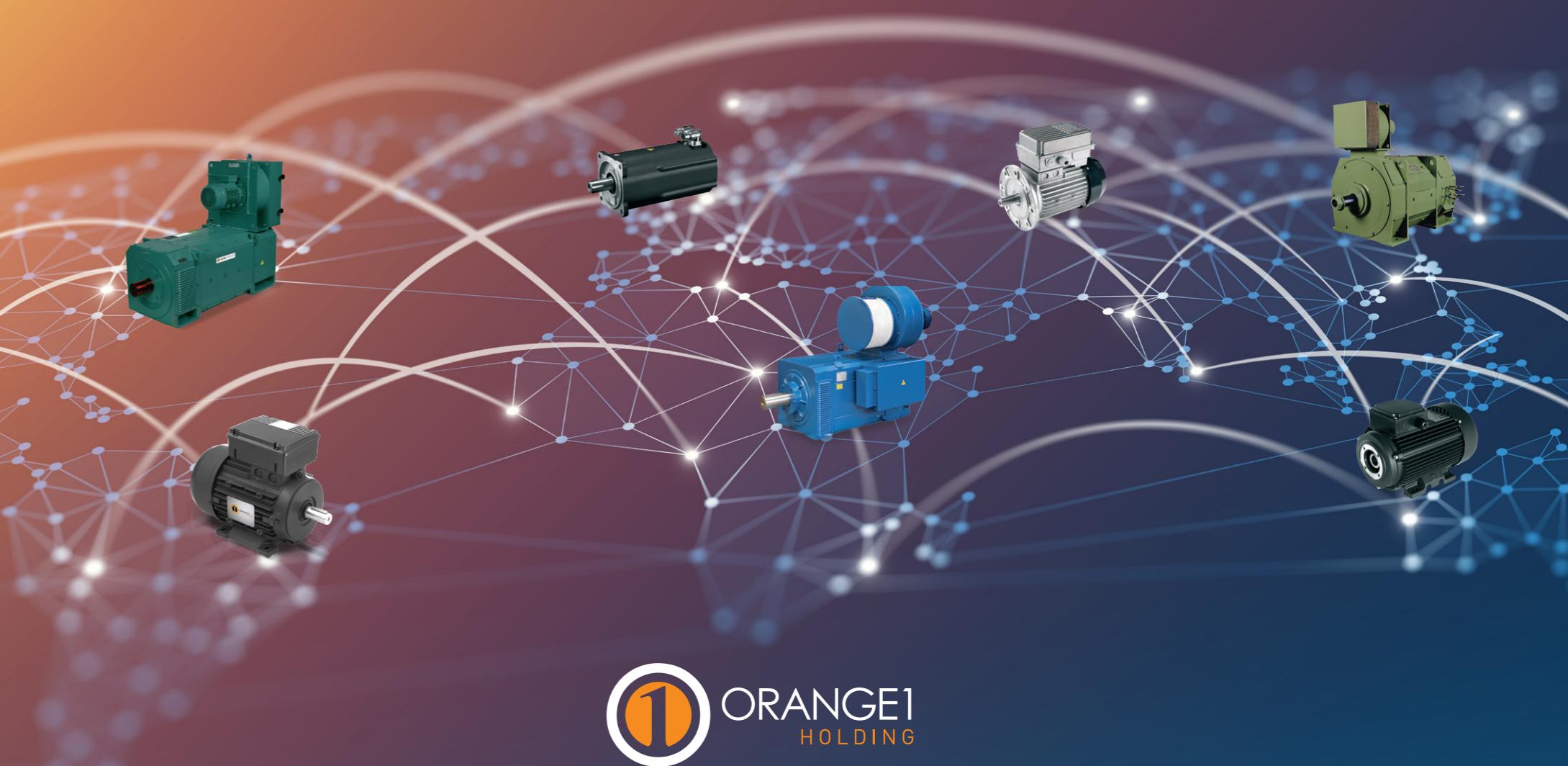
Premium Solutions

IN GARAGE EQUIPMENTS

-  **MADE IN ITALY GUARANTEED**
-  **HIGH LEVEL OF CUSTOMIZATION**
-  **RELIABILITY & DURABILITY**
-  **APPLICATION KNOW HOW**
-  **100% TESTED**
-  **QUALITY**



Orange1 Holding is a leading group in the electric motors sector, present in over 70 countries around the world with its products



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