



ORANGE1  
HOLDING

# Mountain Motors Technology

Motors Production

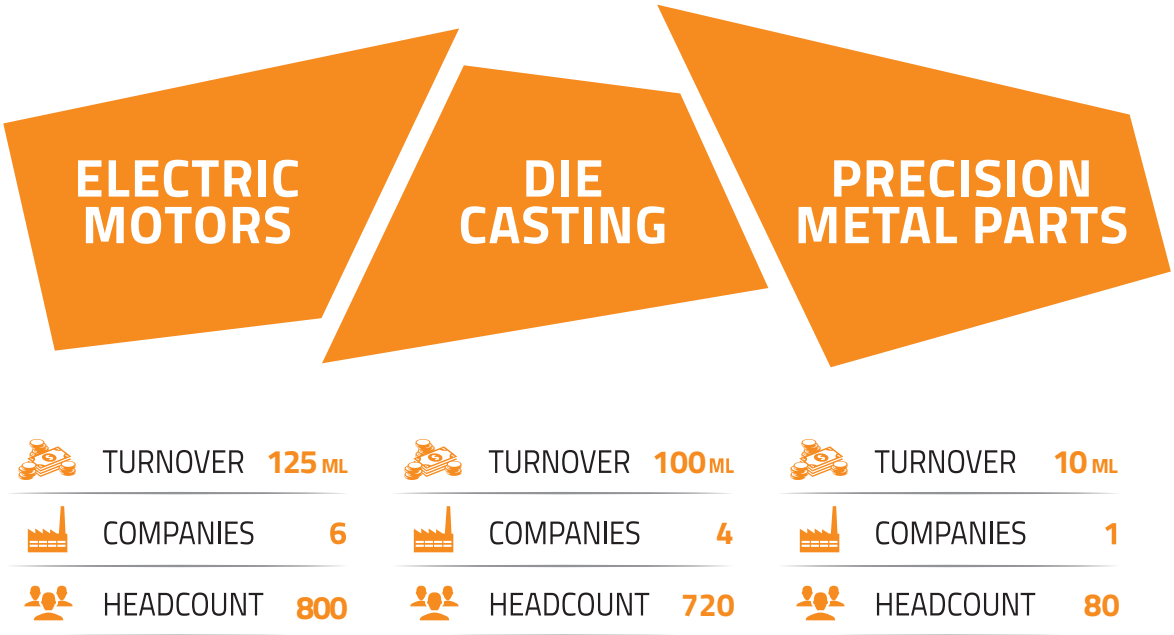
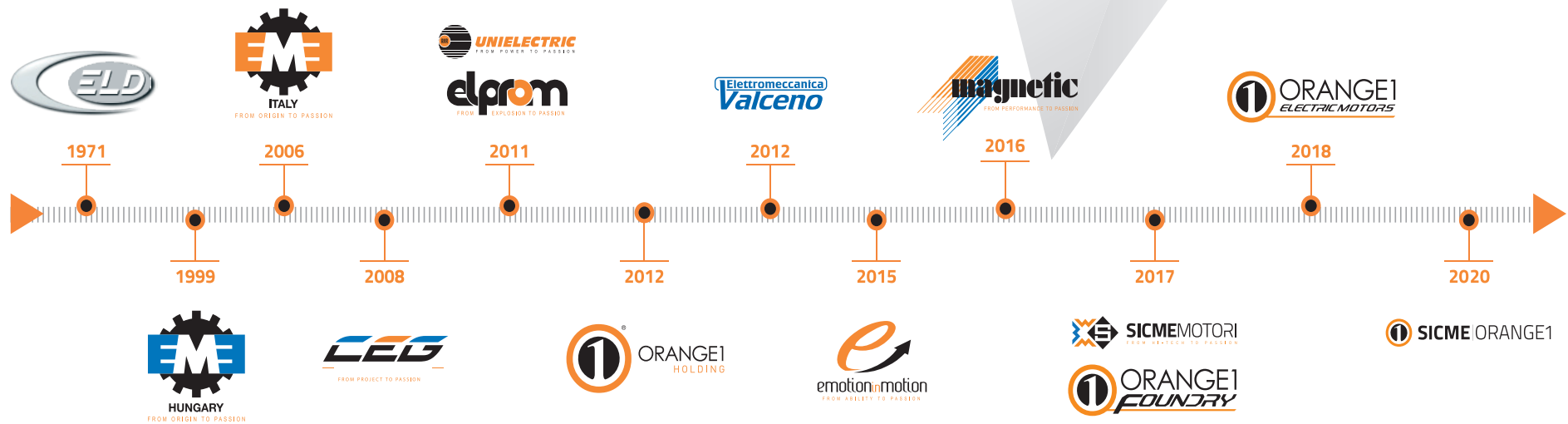




### A dynamic, strong and ambitious Group:

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.





**235.000.000 €**  
Turnover

**11**  
Factories

**70**  
Countries

**1.600**  
Human resources

**25.000**  
Tons of die-cast aluminium

**12.000.000**  
Automotive High precision turning pieces

**60.000**  
Drives for electric motors

**48**  
Years of hystory



# Motors Production

- AC Asynchronous motors from 1,5kW to 1900 kW;
- Synchronous motors from 11 kW to 500 kW;
- DC motors from 1 kW to 2400 kW;
- Service Team;
- AC direct drive motors from 10 kW to 1000 kW.

## Explore our technological solutions for high peak performance

- 50 years experience in DC and AC motor for mountain Lift, pumps for snowmaking stations, cannons for the production of artificial snow;
- Motor high quality 100% made in Italy, designed to operate in Mountain environments, temperature variations, high relative humidity;
- High experience of Service Team for solving applications problems;
- Product modularity and customization.



## Orange1 Service

Orange1 provides repair service for direct current and alternating current motors, from small to large power,( from 2 to 2400 kW ) both for typical industrial applications and for traction on cableway systems for passenger transport or freight transport. Thanks to our experienced professionals we can provide service and support for a uniquely tailored and optimized maintenance service such as:

- Preventive or predictive maintenance on site, with issuance of bulletins and adequate reports;
- Conservative maintenance, applying on site the same operations that are normally performed in the laboratory, in particular for direct current motors, where our technicians are able to perform grinding and demica of the commutator and measure the geometry of commutator with relief profilometric with appropriate tools;
- Vibrational surveys and dynamics balancing of the shaft.

Furthermore, our warehouse supplies the necessary spare parts both for motors of our brand and motors of other brands. Strengthened by our production structure, the motors we repair are tested under load, in order to guarantee perfect efficiency and reliability.





Sicme Motori was founded in 1967 in Turin, Italy. With 50 years experience in electric motor design and manufacture is one of the leading companies in this sector, it has been cooperating actively with the Institute of Electrical Engineering of Polytechnic of Turin and it has been one of the world's largest producer of wind generators. Since 2008, it has developed motors with ASR Technology, the most revolutionary type of electric machine in the world and combines the advantages of permanent magnets with the flexibility of using traditional asynchronous motors.

"SR" assisted motors had been produced with the aid of permanent magnets. Sicme Motori produces electric motors for cable traction, in direct current and since 1996 produces asynchronous vector speed motors in alternating current. The specialization over the years and the entry of Sicme Motori into the Orange 1 Holding, which took place in May 2017, creates a perfect and strategic synergy able to meet all the needs necessary for the mountains in terms of power. Sicme Motori provides its customers with solutions for powering up ski lifts, pumps for snowmaking stations, cannons for the production of artificial snow, as well as other applications for inclined surfaces, carpets and self-propelled machines.

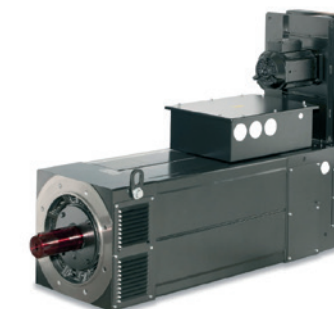
From the merger of EME SpA and CEG srl the company ORANGE1 ELECTRIC MOTORS SPA is born to gather all the companies that produce electric motors and then evolve into a real division. Single-phase, three-phase asynchronous electric motors, low center motors, a wide range of highly sophisticated and innovative products to meet the customers needs and allows to build the ideal synergies for the business.



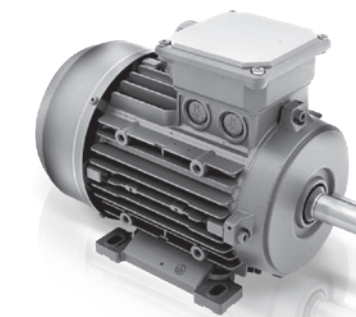
DC  
Traction motor



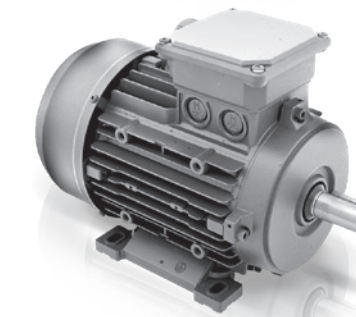
Direct Drive  
Traction motor



AC  
Traction motor



AC  
Auxiliary motor



AC motor



Motor inverter



Working on **project-specific requirements**, Sicme Motori provides great technology for a safe, reliable and powerful system and the highest possible degree of energy-efficient transportation in the mountains.



**ORANGE1  
RACING**



**ENTER ORANGE1 WORLD**  
and join our passion for technology

[orange1racing.eu](http://orange1racing.eu)





info@orange1.eu  
www.orange1.eu

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