

Made in Italy

**Gearless Machines**

**VERONA**

## 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. 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.



ORANGE1  
*PRECISION*



ORANGE1  
*FOUNDRY*



ORANGE1  
*FOUNDRY EUROPE*



ORANGE1  
*SICME*



ORANGE1  
*HUNGARY*



ORANGE1  
*PLD COMMUTATORS*



ORANGE1  
*ELECTRIC MOTORS*



ORANGE1  
*LIFT MOTORS*

**DIE CASTING**

**ELECTRIC MOTORS**

**TURNING PARTS**



ORANGE1  
*AMERICA*

## VERONA

|                              |                                 |
|------------------------------|---------------------------------|
| <b>Static Load 1:1 - 2:1</b> | up to 1.750 Kg - up to 1.950 Kg |
| <b>Payload</b>               | 240-630 Kg                      |
| <b>Operating Speed</b>       | from 0.4 to 2 m/s               |
| <b>Voltage</b>               | 230V - 380V                     |
| <b>Sheaves</b>               | 160, 200, 210, 240 and 320      |
| <b>Size</b>                  | Width limited to 271 mm         |



### TOP PERFORMANCE GEARLESS MACHINES

The Verona range of gearless elevator machines, versions, delivers top performance even under heavy duty work cycles and high temperature conditions, thanks also to the use of magnets that retain their field strength through time.

The 24 pole PM motor guarantees the best possible performance in relation to comfort, energy efficiency and reliability, all supplied in an ultra-compact format.

### THE MOST COMPACT, FLEXIBLE AND ROBUST

The compact dimensions of Orange 1 Firenze gearless elevator machines, versions, facilitate installation in any machine roomless elevator system, also with reduced headroom. Using the dedicated racks, the Verona gearless elevator machine, versions, can be readily installed also in elevator systems with machine room and 1:1 roping.

### PACKAGE WITH INVERTER

Verona gearless elevator machines, versions, are designed to deliver the best possible efficiency and available with a highly reliable inverter capable of supplying also very low current values.

### SELECTION AND TECHNICAL CONFIGURATION SOFTWARE

Orange1 customers can use the "Orange1 Configuration Wizard" which, on uploading elevator system data, returns a selection of the most suitable Orange1 gearless machines. The Orange1 Configuration Wizard also supplies a comparison between the machine rating data and the effective operating values of the specific elevator system, supplying also safety and rope traction calculations, inverter selection, emergency braking distance, operating costs for electricity and efficiency class.



# ELEVATORS



## APPLICATIONS & KNOWLEDGE

*We are specialised in elevators and crane motors*

*Construction site  
in Riyadh*



## CRANES

*3<sup>rd</sup> Bosphorus Bridge  
250m height tower crane*



## TOWER CRANES

# WHY CHOOSE OUR COMPANY?



Brand of  ORANGE1  
ELECTRIC MOTORS

## Who is Orange1 Lift Motors?

Orange1 Lift Motors is a division of ORANGE1. We have created a brand dedicated to the LIFT market, where we aim to become the point of reference in terms of **Technology, Quality and Service**. ORANGE1 is a 100% holding of the Donazzan family and is the European leader in electric motor production. We reached this result thanks to **20 acquisitions**, with revenues of **more than €200 million** and an unparalleled product range.

## What about Orange1's experience in the lift sector?

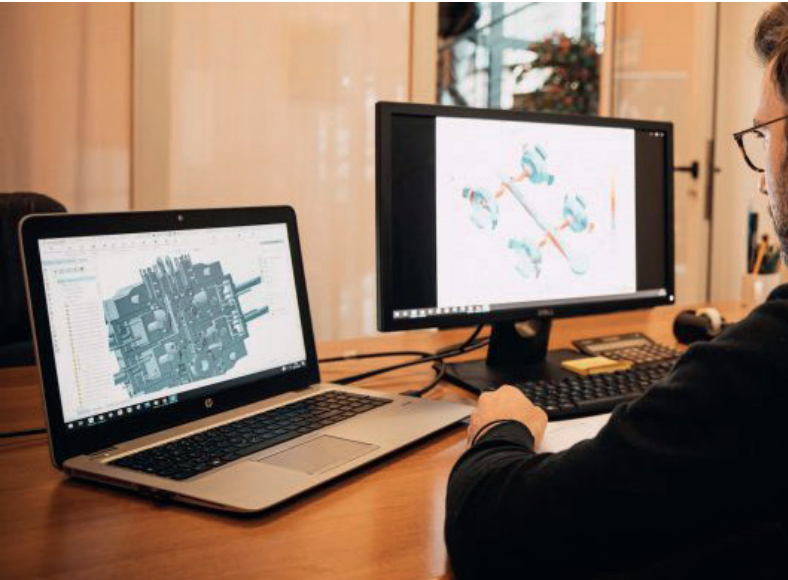
In addition to studying, designing, and producing windings for many customers in the elevators sector, we are also world leader in CRANE motors, specialising in TOWER CRANES for high-rise construction projects.

We have installed **more than 100 thousand motors around the world** and **contributed to the construction of prestigious buildings in major cities including London, Istanbul, Dubai, Beijing, Shanghai, and Sydney**. The technical features and reliability of our products have allowed us to assume a position of absolute leadership in this market.



## The product for this market?

We decided to enter this market by acquiring **the knowledge base and capital equipment of ITALIAN TOP GEARS**, proceeding then to further implement solutions on the electromagnetic level, that have resulted in products offering higher performance in terms of noise levels and energy efficiency. Our operational team is composed of **36 engineers**. We have been building solid **experience on the market because we have spent more than 15 years developing projects** and making the related windings for the elevators sector alongside the top players in the field.





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