



Company Profile

ORANGE1 LIFT MOTORS

Gearless & Geared Series



Member of
ORANGE1
HOLDING

Welcome to **ORANGE1** World

Orange1 Holding is european leader in designing and manufacturing of Electric Motors, Windings, Aluminium Foundry and Turning Parts

A strong, dynamic and ambitious group.

Orange1 Holding is an international renown Group, one of the most important European manufacturer of single-phase and three-phase asynchronous electric motors, foundry and turning parts.

Present in over 70 countries the group annually produces over 1 million single-phase and three-phase asynchronous motors, 5 million windings for asynchronous motors, 60,000 drives for electric motors, 12.500 tons of die-cast aluminum and over 12 million high precision turning parts for the automotive sector.

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.

OUR PHILOSOPHY



CREATIVITY

We strongly believe that imagination is the engine that opens up new avenues for innovation. We take care of the details, we want to stand out for our originality, because we believe in the art of making the difference.



PASSION

We carry out our work with passion, because passion is the engine that moves the world. We work with dedication and joy, we believe in what we do, we believe that what we do is unique.



AUDACITY

Our goals are important and our projects ambitious; we are convinced that daring dreams are the indispensable fuel for the engine of doing.



SPEED

We are committed to riding the time and we must keep our beliefs. There is no room for hesitations, we move decisively between the gears of an increasingly complex market.



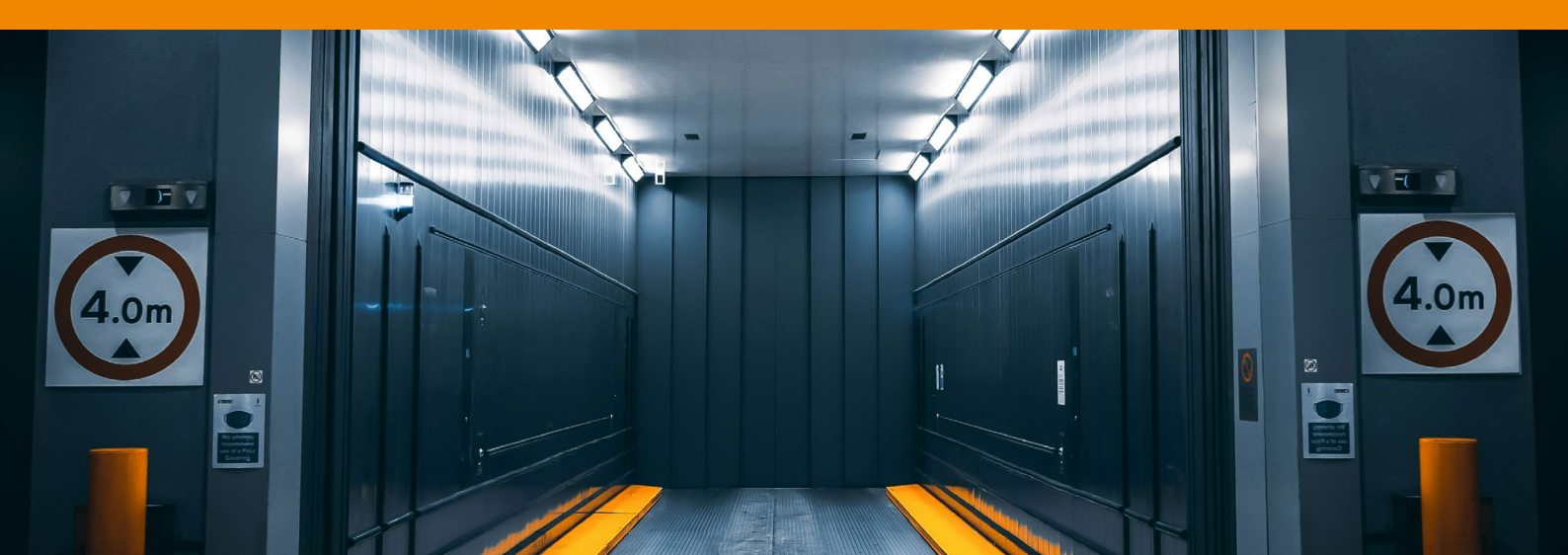
Orange1 Lift Motors is a division of ORANGE1. We have created a brand dedicated to the LIFT market, where we aim to become the point of reference in terms of Technology, Quality and Service. We place the customer at the centre of our processes, striving to fully satisfy their demands and needs in full!

Our main aim at Orange1 Lift Motors is to supply top quality products that meet the specific requirements of each customer. We are committed to creating bespoke solutions that are innovative and reliable, guaranteeing high performance and lasting durability.

Reliability, quality, and customer focus: these are the values that guide our work from day to day and make us the right choice for customers seeking effective solutions and impeccable service.

PRODUCTION PLANT

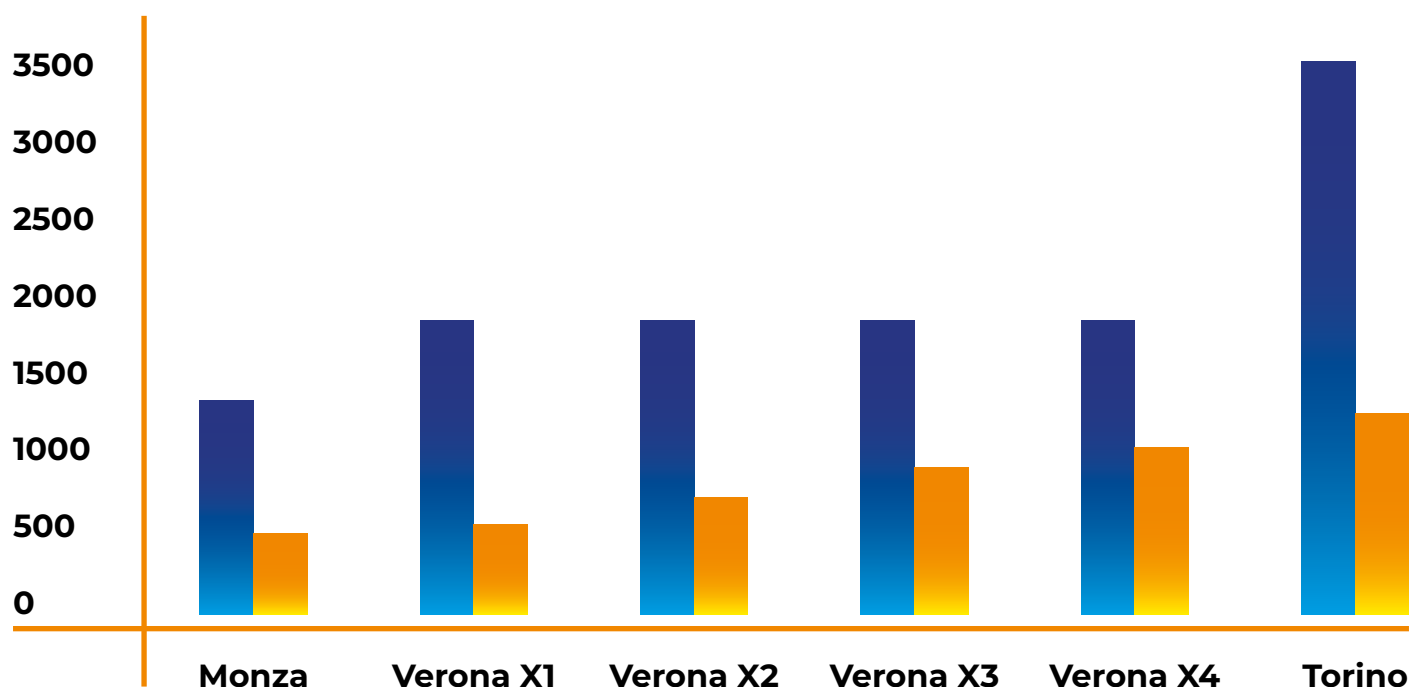
LOCATION	SECTOR OF APPLICATIONS
ARSIÈ - ITALY 32030 (BL) Via A. Messedaglia 4	ELEVATORS LIFTING SYSTEMS CRANES TOWER CRANES



GEARLESS RANGE

Compact, smooth and energy efficient, these are the gearless machines produced by Orange1. We precise and responsive control thanks to motors with 24 or 32 poles, carefully designed to minimise torque ripple. Each model in the range is distinguished by innovative technical solutions and unique features designed to meet the needs of any installation.

■ Static Load (Kg) ■ Payload (Kg)



MONZA

The company's smallest gearless, however, exploits a great technology developed by Orange1 that guarantees a constant air gap between the rotor and the stator of the electric motor, which together with the 24-pole technology allows the production of vibration-free motors with consistent performance over time.

Static Load 2:1	1300kg
Payload	450kg
Operating speed	from 0,15 to 0,50 m/s
Voltage	230V – 380V
Sheaves	120, 140, 150mm



VERONA x1/x2/x3/x4

Verona gearless machines guarantee high performance even under harsh conditions and high temperatures, thanks to a 24-pole PM motor with high-stability magnets, offering maximum efficiency, comfort and reliability in an ultra-compact format.

Static Load 2:1	1800kg
Payload (X1)	480kg
Payload (X2)	630kg
Payload (X3)	800kg
Payload (X4)	1000kg
Operating speed	from 0,4 to 2 m/s
Voltage	230V – 380V
Sheaves	200, 240, 320mm



TORINO

Designed for the heaviest loads, the compact and versatile Torino gearless machines are ideal for MRL systems with reduced headroom or with machine room and 1:1 suspension. They offer maximum efficiency, even at low currents, thanks to the optional high-quality inverter.

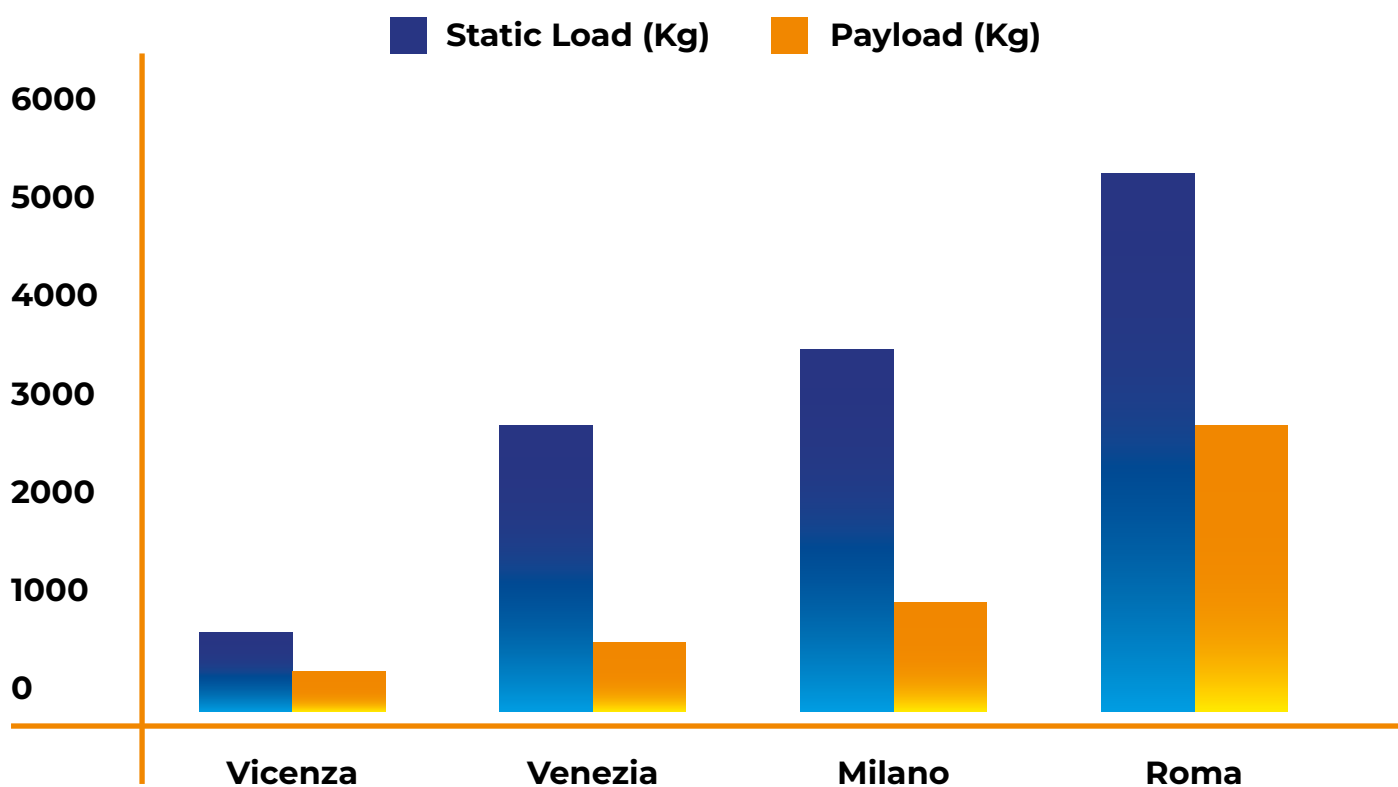
Static Load 2:1	3500kg
Payload	1250kg
Operating speed	from 0,4 to 2 m/s
Voltage	230V – 380V
Sheaves	240, 320, 400mm





GEARED RANGE

Geared motors produced by Orange1 have capacities ranging from 180 to 2600 kg (1:1), available in different speed, motor and pulley configurations. Designed to offer compact dimensions, high static loads and maximum reliability, they feature high-quality components such as one-piece case-hardened gears, oversized bearings and internal and external oil seals. Each winch is individually tested with advanced checks on efficiency, vibration, noise and braking, ensuring high performance and long life.



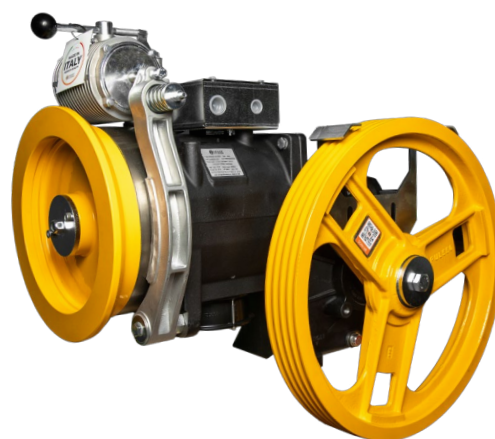
VICENZA

Static Load	640kg
Payload	up to 200kg
Motors	50-60Hz
Power	from 1,1 to 3,3 KW
Voltage	230V - 380V
Transmission ratios	1/60



VENEZIA

Static Load	2600kg
Payload	480kg
Motors	50-60Hz
Oil Capacity	4,6 l
VVVF 4/6 pole	from 2,2 KW to 6 KW
AC2 4/16-6/16 pole	from 2,2 KW to 6 KW
Transmission ratios	1/55 - 1/45



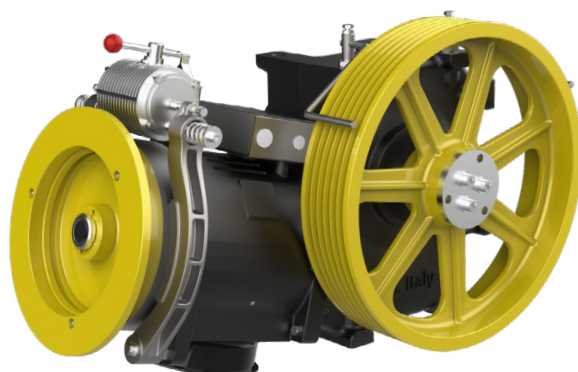
MILANO

Static Load	3400kg
Payload	800kg
Motors	50-60Hz
Oil Capacity	4 l
VVVF 4 pole	from 3,5 KW to 8,6 KW
AC2 4/16 pole	from 2,2 KW to 7,8 KW
Transmission ratios	1/55 - 1/45



ROMA

Static Load	5200kg
Payload	2600kg
Motors	50-60Hz
Oil Capacity	6 l
VVVF 4 pole	from 4,9 KW to 22 KW
AC2 4/16 pole	from 2,6 KW to 13,5 KW
Transmission ratios	1/55 - 1/45





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info@orange1.eu
www.orange1.eu



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