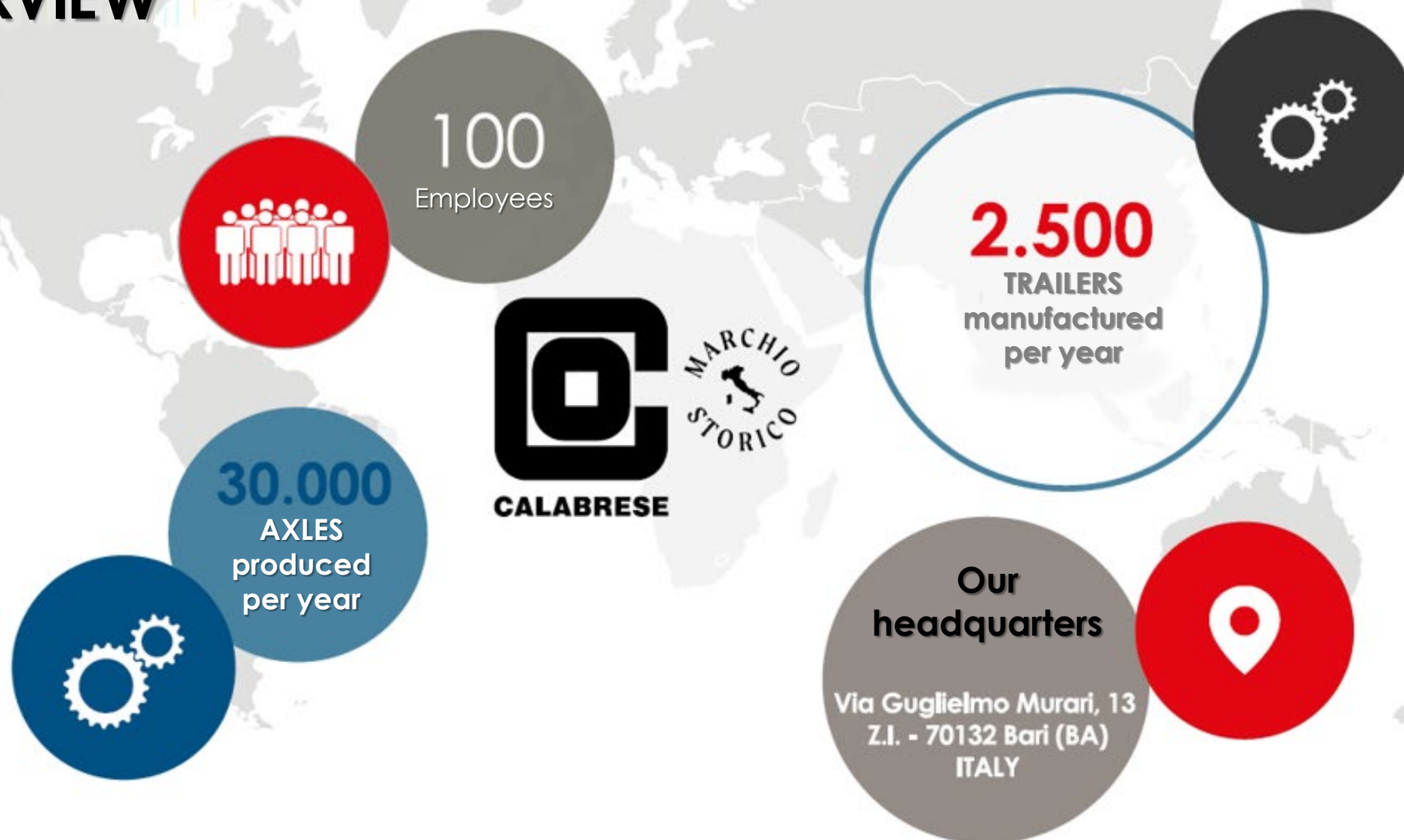


OVERVIEW



OUR HISTORY, OUR COMMITMENT

Founded in 1984, OMC began as a trusted manufacturing partner to some of Italy's leading metalworking companies. Through the expertise of its workforce, advanced engineering capabilities, and continuous investment in production technologies, the company quickly established itself as a **benchmark in precision engineering**.

Since 1988, OMC has been designing, manufacturing, and marketing under its own brand a wide range of products, including **independent rubber suspension axles, overrun braking systems, brakes, height-adjustable drawbar chassis, special-purpose frames, road-legal and off-road trailers**. Every solution is developed to **deliver reliability, durability, and performance across a broad range of industrial applications**.

In **2013**, OMC joined a major industrial group operating both in Italy and internationally, further strengthening its manufacturing capacity and expanding its global market presence.

In **2021**, the company launched a major growth initiative through the acquisition of the historic **Ex Officine Calabrese** site in the Bari Industrial Area, a facility covering approximately 200,000 m², including more than 60,000 m² of covered production space. This investment brought new life to a manufacturing site that had been inactive for over thirty years, through an extensive redevelopment program focused on innovation, sustainability, and workforce development.



The project has contributed to the revitalization of the local economy by re-employing skilled workers, creating new job opportunities, and establishing a **museum dedicated to preserving the industrial heritage of the historic Officine Calabrese**.

In **January 2025**, OMC officially started operations at the renewed facility, continuing its growth journey while helping preserve and enhance a landmark of Italian mechanical engineering history.

Today, OMC is recognized as a leading manufacturer of braking systems and custom-engineered transport solutions, combining **experience, innovation, and manufacturing flexibility to meet the specific requirements of its customers**.

From engineering to production, OMC transforms technical expertise and manufacturing excellence into tailor-made solutions for professional transport applications.



OUT PRODUCTS

OMC develops and manufactures technologically advanced products designed and tested in full compliance with current regulations, delivering reliable and tailor-made solutions for a wide range of applications.

With **over forty years of experience, continuous technical training, ongoing investment in manufacturing technologies, and strong engineering expertise**, OMC is able to meet customer requirements with **custom-engineered products built to the highest quality standards**.

Our product range includes:

- Independent rubber suspension axles, with or without brakes, with load capacities of up to 2,500 kg per axle.
- Overrun braking systems with capacities of up to 3,500 kg, available for both V-drawbar and straight drawbar configurations.
- Chassis with straight drawbars, towing eyes, or height-adjustable drawbars, with capacities of up to 3,500 kg.
- Height-adjustable drawbars for trailers with capacities of up to 8,000 kg.
- Design, manufacturing, and homologation of road-legal trailers and special-purpose frames for civil, industrial, and military applications.



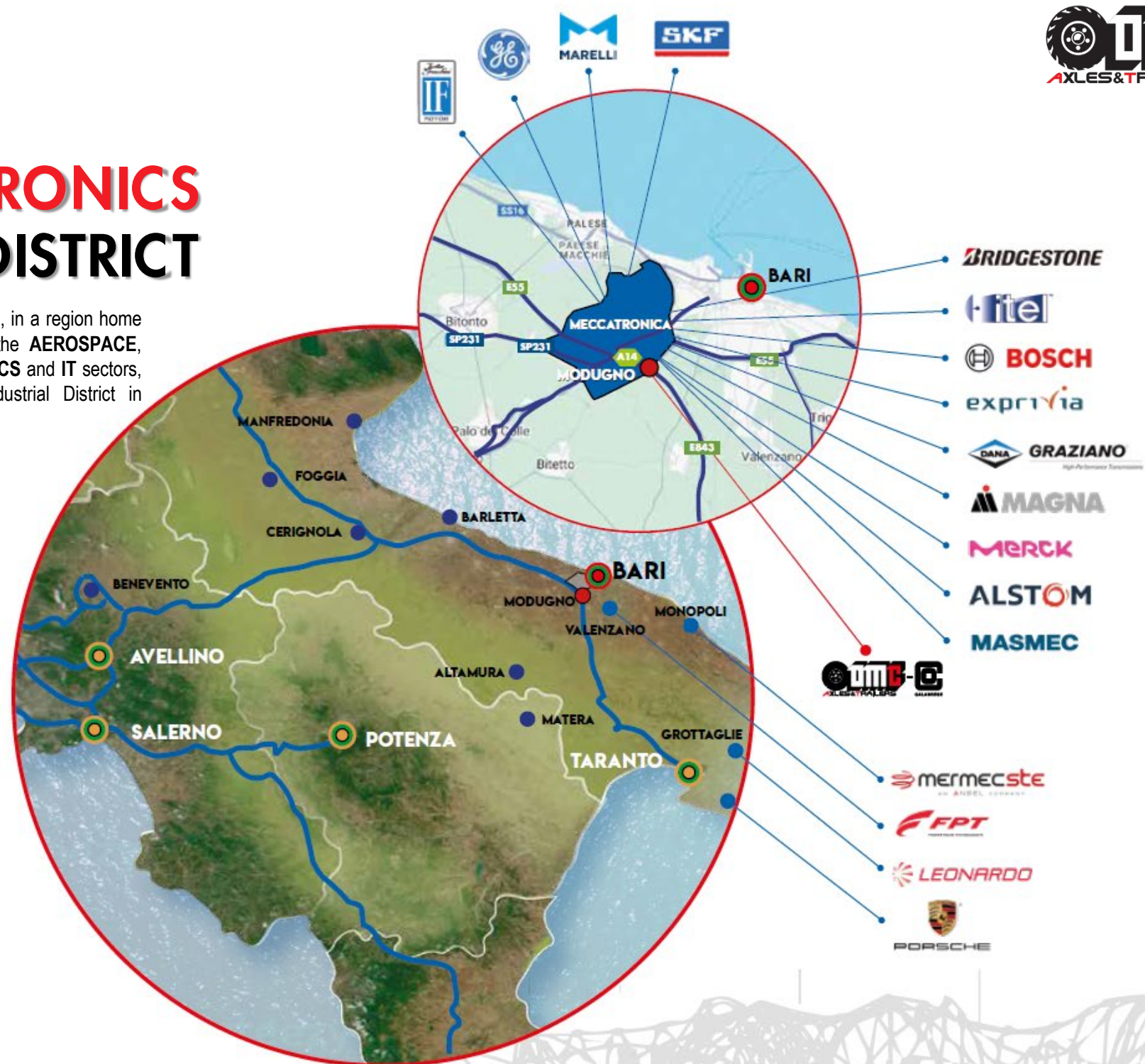
MANUFACTURING FACILITY

All production is carried out in Italy at our Bari (BA) manufacturing facility, leveraging state-of-the-art technologies and highly skilled personnel. The plant is strategically positioned within the city's industrial district, in close proximity to the city center, the airport, and the commercial port.



THE **MECHATRONICS** INDUSTRIAL DISTRICT

Our production facility is located in BARI (BA), in a region home to internationally recognized companies in the **AEROSPACE**, **MECHANICAL ENGINEERING**, **ELECTRONICS** and **IT** sectors, all situated within the "Mechatronics" Industrial District in Southern Italy.

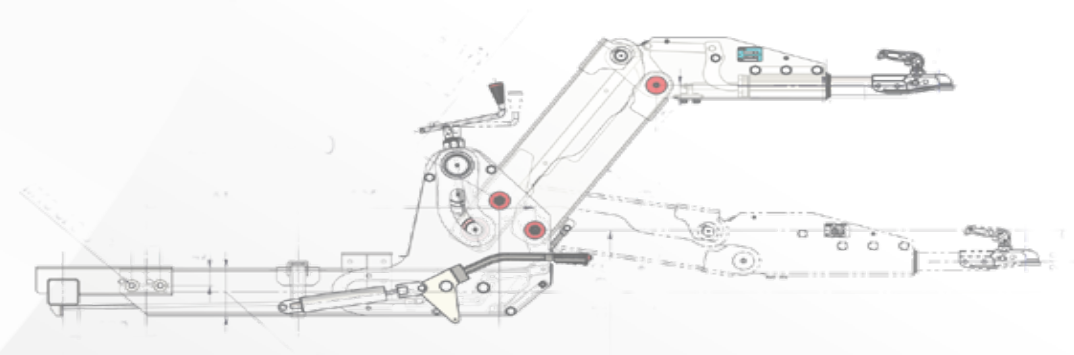


ENGINEERING INNOVATION & **ITALIAN** EXCELLENCE

OMC works alongside qualified research institutes and major international industry partners to engineer trailers and special equipment for highly demanding operating environments.

Our product development process is a continuous path of **research, prototyping, testing, and technical validation**. Through advanced **3D modelling and FEM analysis**, OMC anticipates extreme working conditions, optimising every structure for strength, performance, and long-term reliability.

Each project starts from a clear understanding of the **customer's operational needs**. Technical expertise, manufacturing capability, and close collaboration come together to transform complex requirements into **safe, reliable, custom-engineered solutions**.



PRODUCTION

OMC brings the **entire production cycle under one roof**, integrating cutting, sheet metal processing, welding, powder coating, assembly, and warehouse operations into a streamlined industrial workflow.

Advanced cutting and sheet metal fabrication technologies — including **Combi Laser Tower** and **LaserTube** systems, latest-generation CNC machinery, and **press brakes** for components up to 9 metres — allow OMC to manage complex geometries and large-scale structures with accuracy and efficiency.

In the **welding department**, dedicated workstations and **robotic systems** ensure repeatable processes, stable quality, and precision across every stage of fabrication.

The **powder coating plant** handles the full surface treatment cycle, **from washing and preparation to coating and curing**, producing a consistent, durable finish designed for long-term protection.

Supported by **organised assembly lines** and efficient warehouse management, OMC maintains the flexibility and responsiveness needed to meet production schedules and customer-specific requirements.



OUR SERVICES



OMC provides product certification, validation, and testing services tailored to customer requirements: on-road/off-road homologation, suspension, tyre and vibration testing, transport certification by road, rail, sea, air and helicopter, climatic chamber tests, EMC testing, and IP rating tests for water and dust protection.



The development of new products is driven by continuous innovation and engineering research. OMC uses advanced 3D design tools and FEM analysis to simulate and validate performance under the most demanding operating conditions.



At OMC, collaboration is essential. Our engineering team works closely with customers to develop tailor-made solutions designed to meet specific operational requirements and performance expectations.



OMC streamlines the homologation process by preparing the required documentation and carrying out internal testing, ensuring efficient certification procedures and reduced lead times.



Through a network of qualified service partners across multiple countries, OMC provides reliable technical support wherever it is needed.

PRODUCT CERTIFICATION

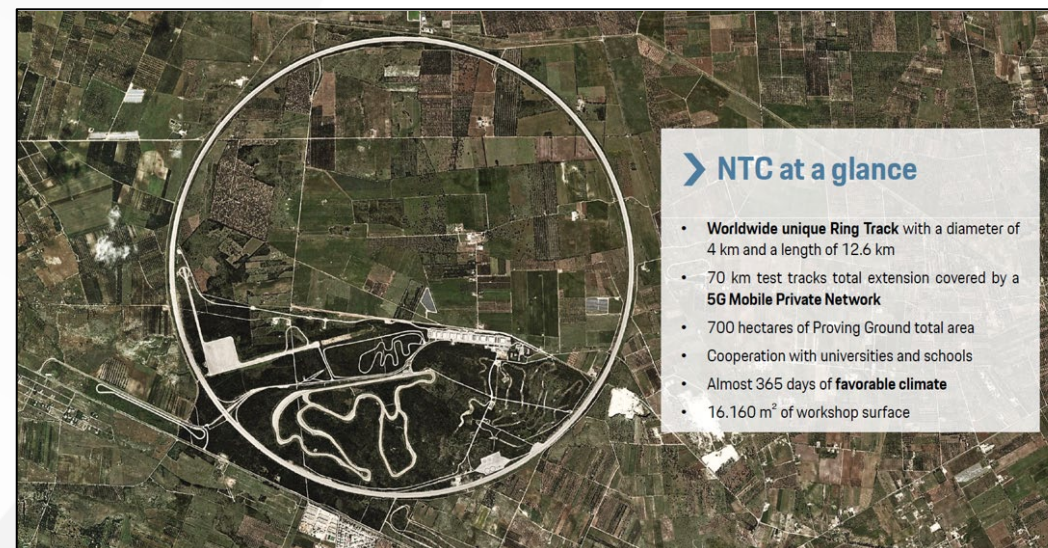
OMC supports customers throughout **product certification, validation, and testing**, tailoring each activity to the project requirements and intended operating conditions.

The scope includes **on-road and off-road homologation, suspension and tyre testing, vibration and damping analysis, dust and water ingress tests**, and additional validation activities required for demanding industrial, civil, and special-purpose applications.

Testing is carried out at the **Nardò Technical Center (NTC)**, a proving ground designed to reproduce a wide range of real operating scenarios, from road use to severe off-road conditions. Its facilities include **gradients, potholes, water crossings, and dedicated surfaces for evaluating vehicle behaviour**, component resistance, and overall performance. Covering **700 hectares**, with **favourable weather conditions for almost 365 days a year** and **more than 16,000 m² of workshop facilities**, NTC provides an ideal environment for structured product validation.

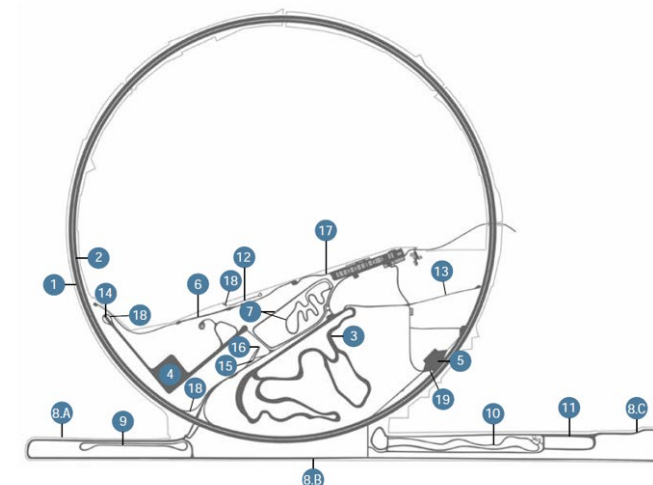
The test programme can include **off-road endurance trials, tyre resistance and wear assessment, suspension testing, dust ingress evaluation, mud testing, and component soiling checks**.

The main tracks used include **Cross Country, Tire Laceration Road, Africa Road, Mud Road, Special Pavement Track, Water Wades e Pergola Water Spray**.



Map of the Test Tracks

1. High Speed Ring
2. Low Speed Ring
3. Handling Track
4. Dynamic Platform A
5. Dynamic Platform B
6. Noise Track
7. Strada Bianca Off-Road «O» and «S»
8. Africa Road (A-B-C)
9. Dust & Gravel Oval
10. Cross-Country Road
11. Special Pavements Tracks
12. Mud Road
13. Tire Laceration Road
14. Low Friction Area
15. Rolling Track
16. Reverse Gear Track
17. Concrete Slopes
18. Water Wades (1-2-3)
19. Curbstone Area



Nardò Technical Center
Porsche Engineering

PRODUCT CERTIFICATION

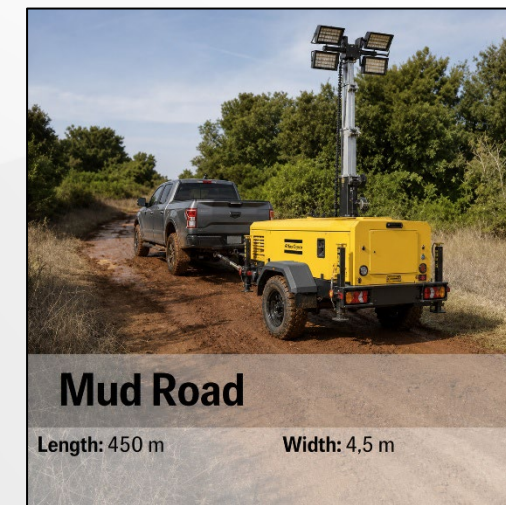
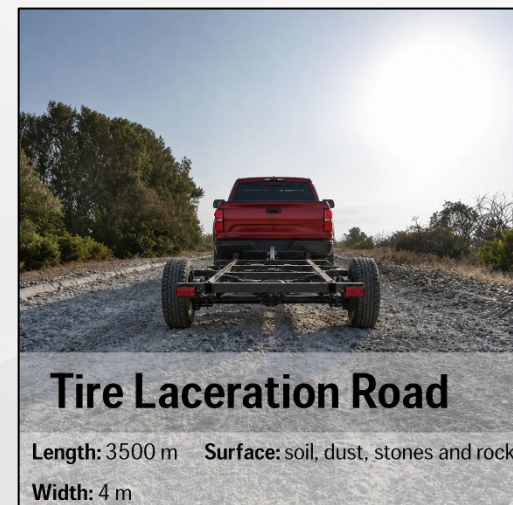
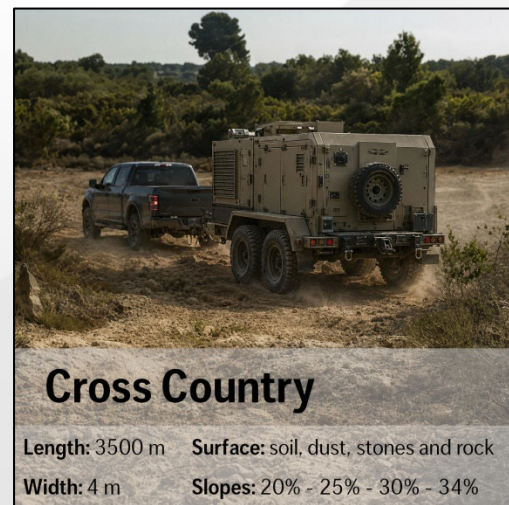
Each trailer certification programme can be adapted to the specific application, with dedicated tests selected according to the required operating profile.

A typical validation cycle may include **50 km on Africa Road** and **10 km on the Cross Country Track** to reproduce **PTA test** conditions, followed by **10 km on Tire Laceration Road** and **3 laps on Mud Road** for tyre assessment. **Suspension behaviour and vibration damping** can be evaluated through **5 laps on the Special Pavement Track**.

Water ingress resistance is checked through **2 passes across the Water Wades** and **5 minutes under the Pergola Water Spray system**.

Minimum approach and departure angles are verified with **2 passes on 18% gradients**.

During the test programme, trailers can be towed with different towing vehicles, including **pick-ups** and **tractors**.



HELICOPTER AND AIR TRANSPORT CERTIFICATION

Structural validation tailored to project requirements

OMC supports customers with **helicopter and air transport certification**, developing project-specific solutions that meet the **required operational and structural criteria**.

For special applications, OMC designs and validates **dedicated lifting points for helicopter transport**, testing their structural performance under demanding operating conditions.



CLIMATIC CHAMBER TESTING

OMC trailers undergo climatic chamber testing **from -35 °C to +67 °C** to verify reliability, component resistance, and operational performance in extreme environmental conditions.

By reproducing severe temperature scenarios in a controlled environment, these tests help assess the behaviour of the trailer, its installed systems, and its critical components, ensuring performance in line with project requirements and real field applications.



A FULL-SCOPE RANGE, BUILT AROUND THE CUSTOMER



Quality, flexibility, and after-sales support are at the core of OMC's approach.

OMC offers a complete range of products and components for the trailer industry, including:

- Brakes;
- Stub axles;
- Tandem axles;
- Braked and unbraked axles;
- Inertia braking systems;
- Chassis;
- Drawbars;
- Custom-engineered frames for special applications;
- Spare parts and accessories.

Each solution is engineered to support efficiency, safety, and long-term reliability, with the flexibility to meet different operating needs and customer-specific requirements.

				
BRAKES	COMPACT BRAKES	BRAKED STUB AXLES	BRAKED AXLES	BRAKED TANDEM AXLE UNITS
				
BRAKED TRIDEM AXLE UNITS	UNBRAKED STUB AXLES	UNBRAKED AXLES	V-DRAWBAR OVERRUN BRAKES	SQUARE-DRAWBAR OVERRUN BRAKES
				
BRAKED SINGLE-AXLE CHASSIS WITH STRAIGHT DRAWBAR	BRAKED SINGLE-AXLE CHASSIS WITH GOOSENECK DRAWBAR	BRAKED SINGLE-AXLE HEIGHT-ADJUSTABLE DRAWBAR CHASSIS	BRAKED TWIN-AXLE CHASSIS WITH HEIGHT-ADJUSTABLE DRAWBAR	UNBRAKED SINGLE-AXLE CHASSIS WITH HEIGHT-ADJUSTABLE DRAWBAR
				
EVOLUTION SERIES OVERRUN BRAKES WITH INTEGRATED HEIGHT-ADJUSTABLE DRAWBARS	EVOLUTION SERIES DRAWBARS FOR HEAVY-DUTY TRAILERS	TRAILER FRAMES FOR CUSTOM BODY INSTALLATIONS	ACCESSORIES	SPARE PARTS

A PURPOSE-BUILT SOLUTION



EVOLUTION SERIES OVERRUN BRAKES WITH INTEGRATED HEIGHT- ADJUSTABLE DRAWBARS



QUICK AND EASY MAINTENANCE



CATAPHORESIS AND POWDER
COATING SURFACE TREATMENT

ENGINEERING EXPERTISE

TAILORED TO YOUR NEEDS





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