



SYNERGIES CASTINGS OMAN

Forging the Future of Alloy Wheels
Through Innovation, Quality
and Precision



About Us

Born in 2017

The journey of Synergies Castings Oman (SCO) began with a vision: to establish the country's first state-of-the-art facility for manufacturing high-tech aluminium alloy wheels.

This vision, shared by Synergies Castings India (SCI) and Omani investors, materialized in the Sohar Industrial Zone where we're not just shaping wheels, we're shaping the future of the industry.

Innovation & Automation

Our 70,000 sqm facility boasts one of the largest size ranges globally, producing wheels from 14" to 26". With a capacity of 1.2 million wheels per year in Phase 1, and with plans for 1 million more in Phase 2, we're poised for exponential growth.

But it's not just about size. Our fully automated production line, stretching 700 meters, integrates smelting, low-pressure die casting, flow-forming, heat treatment, CNC machining, painting, and packing.

Intelligent conveyor systems and robotic manipulation ensure precision at every stage, while our environmentally controlled, dust-free paint line guarantees impeccable finishes ranging from classic paints to premium options, machined faces, dual finishes, and even cleats or inserts.



← 70,000 sqm →

The facility area is one of the largest in the world



1,200,000

Wheels annually in Phase One, and with plans for 1 million more in Phase Two



← 700 m →

Fully automated production line



Vision

We will emerge as a socially responsible and significant player, successfully competing in the international automobile component market.

Mission

We will leverage our state-of-the-art technology, world-class manufacturing facilities, contemporary manufacturing and management systems; and our talented, innovative and committed workforce to manufacture and deliver world-class automotive components at globally competitive prices.

By doing so effectively, we will make a positive difference to all our stakeholders – our customers, employees, investors, and the community we live in.

We Deliver the Benefits of GLOBAL SOURCING and LOCAL SERVICE to our Customers.



Core Values

Safety: We prioritize a safe and healthy environment for everyone, from employees to visitors. We believe safety is not just a goal, but a core value embedded in every aspect of our operations.

Quality: We are passionate about delivering exceptional quality in everything we do. Our relentless pursuit of excellence ensures that our wheels meet the highest standards, exceeding customer expectations.

Integrity: We conduct ourselves with transparency, fairness, and honesty in all our interactions. Building trust with our stakeholders is fundamental to our success.

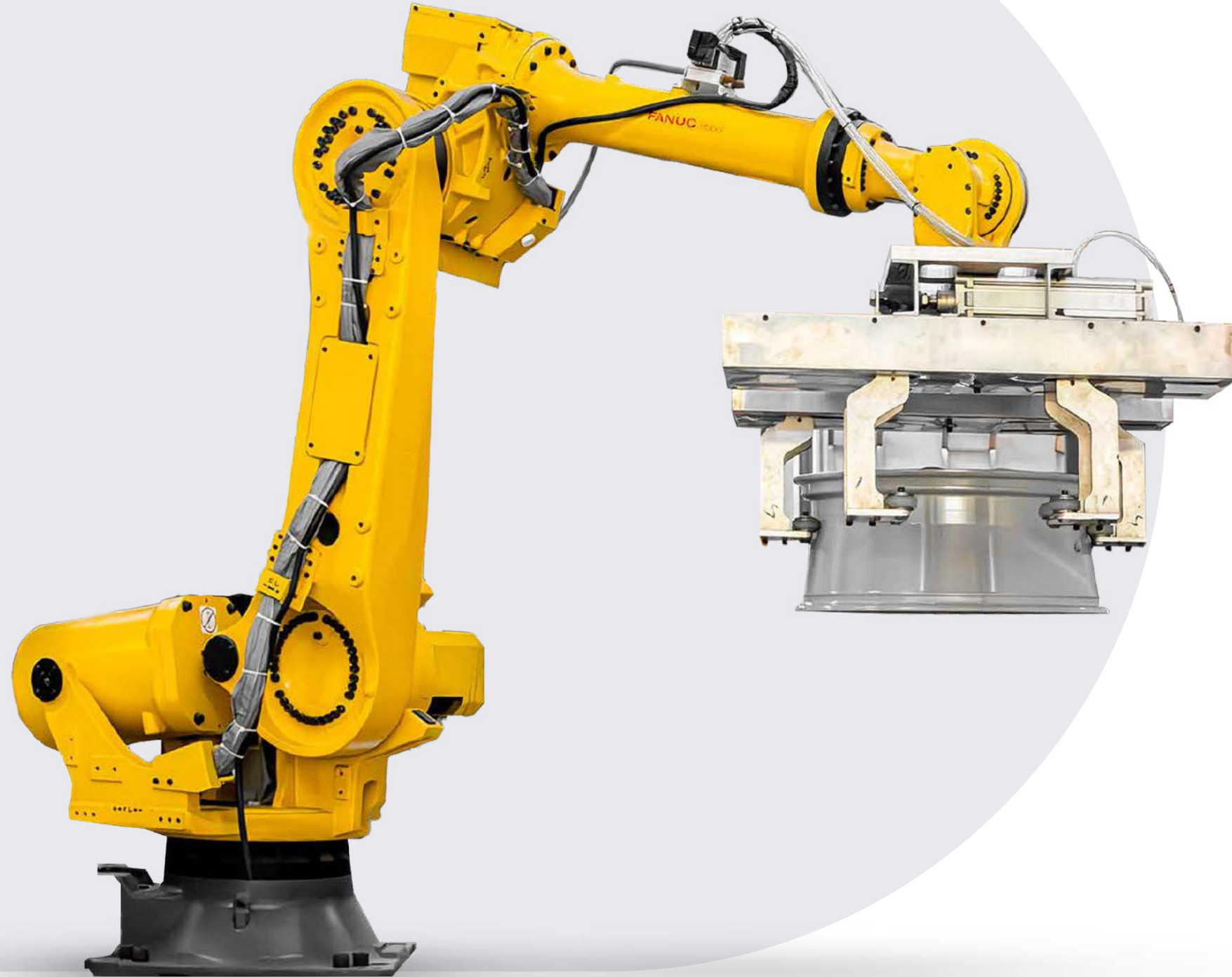
Innovation: We continuously push boundaries, seeking new ways to improve our products, processes, and sustainability practices. We embrace creativity and encourage learning to drive innovation forward.

Leadership: We strive to be exemplary leaders, fostering a culture of growth, collaboration, and excellence. We believe in empowering our team to achieve their full potential and contribute to our shared vision.

Our Shareholders

An ambitious joint venture combining the expertise of Synergies Castings India, a leading car wheel manufacturer with over 20 years of experience, and the strategic foresight of renowned Omani investors committing over OMR 53 million (USD 140 million) has fueled our expansion while aligning with Oman's Vision 2040.

This has created exciting opportunities for our company. The joint venture ensures we innovatively and sustainably deliver the highest quality alloy wheels while strengthening the bonds of friendship and business collaboration between India and Oman.



Total Investment

 **140** Million
USD

- Oman Development Fund Company
- Synergies Castings India
- Social Protection Fund
- Minerals Development Oman SAOC
- Sohar International Bank SAOG
- Al Jeel Al Saeid For Business LLC



Production Capabilities

At SCO, we offer a diverse range of production capabilities, enabling OEMs and aftermarket brands to tailor wheels to specific markets, needs, and desired performances.



Wheel Types

- Cast Alloy Wheels (LPDC)
14x5" to 26x12"
- Flow-Formed Alloy Wheels
17x7.5" to 26x12"

Coating Options

Choose between 2, 3, or 4-coat options, depending on your desired level of depth and customization.

- 2-coat 2-baking system (Powder Primer + Liquid basecoat)
- 3-coat 2-baking system (Powder Primer + Liquid basecoat + Liquid Clear)
- 3-coat 3-baking system (Powder Primer + Liquid basecoat + Powder Clear)
- 4-coat 4-baking system (Powder Primer + Liquid basecoat + Powder Clear + Liquid Clear)



Paint Line Features

- Automated robot loading & unloading through a 14-stage pre-treatment system equipped with degreasing, pickling, passivation/zirconium, and SAM.
- Powder paint booth with fully automated, Swiss technology, electrostatic spray guns.
- Liquid colour booth equipped with state-of-the-art, Japanese technology, "BELL" guns and HVLP robotic guns.
- Multiple BELL guns equipped with one of the quickest paint change-over mechanisms that can change paint from one colour to another within 4 minutes!
- Environmentally controlled dust-free paint line that can do a variety of paint layering from a 2-coat 2-baking system to a 4-coat 4-baking system.
- The paint kitchen is equipped with 20 hoppers to have different shades of paint.
- Both Acrylic-based and Polyester-based clear coatings are possible.
- All operations of cleaning, masking, and paint mixing are automated.

Wheel Finishes

Explore countless possibilities with colour combinations and finishes listed below.

01

Premium Paint:

Indulge in a smooth flawless finish.

02

Dual Colour:

Combine two contrasting colours for a dynamic look.

03

Milled-Edge:

Achieve a bold and distinct look with exposed rim spokes.

04

Inserts:

Add mirror-like inserts that contrast beautifully with any paint colour for a truly customized look.

05

Diamond-Cut/Machined Face:

Our horizontal lathe high-speed skin-cutting machine adds a touch of elegance with diamond-cut brilliance or machined accents.



Quality Control

Our commitment to quality is evident in the diverse array of inspections that our wheels undergo as per SAE test guidelines.

- X-ray inspection using ADR
- Dimensional inspection using CMM
- Cornering fatigue test (CFT)
- Dynamic radial fatigue test (RFT)
- Mechanical properties test
- Chemical tests
- Uniformity test
- Impact test
- Paint quality test
- Helium leak test



Certifications

- IATF 16949: 2016
- India BIS certification under IS No: 9436: 2018



Why Choose SCO?



Guaranteed Quality: Our fully automated, state-of-the-art factory is equipped with laser marking machines, intelligent conveyor systems, 5-axis CNC machines and robotic manipulation to ensure precision at every stage.



Largest Size Range: 14" to 26" with varied finishes for both cast & flow-formed wheels.



IATF accredited, industry 4.0 compliant and our wheels undergo testing as per SAE guidelines.



Competitive Price: Due to the high level of automation, and Oman's energy security.



Free Trade Agreement (FTA) with USA. Zero import tariffs, hence guaranteeing a lower landed cost and business continuity.



On-Time Delivery: We are located next to Sohar Port; the crossroad of Asia, North America, Europe, and Africa.



Greater flexibility in colour & wheel finishes for aftermarket wheel brands.



Exceptional customer service. From design, development, shipping and after-sales service through our customer service team and service providers.



Sustainability

At SCO, crafting exceptional alloy wheels goes together with crafting a better tomorrow. We understand the impact our industry can have on the environment, and that's why we've made sustainability a central pillar of our operations, from material sourcing to manufacturing and beyond.

Reuse

Aluminium chips generated during production are meticulously collected by an automatic chips conveyor and remelted back into the system using a dedicated recycling furnace.

Reduce

Responsible Sourcing: We use liquid aluminium, sourced locally to minimize transportation emissions. Unlike others who rely on the energy-intensive melting of ingots to produce liquid aluminium, we prioritize sustainability by using liquid aluminium. This single step cuts our carbon footprint by a staggering amount!

Green Manufacturing: By leveraging flow-forming technology, we further reduce material consumption per wheel by up to 1.5 kg per wheel. This translates to lighter wheels, improved fuel efficiency, and less environmental impact – all without compromising on quality.

Recycle

While prioritizing quality remains paramount, we're continuously seeking ways to incorporate recycled materials into our production process. We believe in utilizing resources responsibly and minimizing our reliance on virgin materials.

We're actively exploring the potential for recycling scrap wheels from the local market, closing the loop even further.





SYNERGIES CASTINGS OMAN

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