



SYNNOVA[®]
SYNNOVA GEARS & TRANSMISSIONS PVT. LTD.

SYNERGISING
TALENTS,
INNOVATING
FUTURE



INTRODUCTION

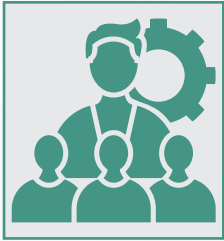
At Synnova Gears and Transmissions, we don't just manufacture gears and shafts; we engineer trust. For over a decade, we've powered mobility with precision and purpose, backed by ISO 14001, ISO 45001, IATF 16949 certifications, and a CRISIL A- rating.

With two world-class facilities spanning 82,190 sq. m., we produce over one million gears each month, offering complete in-house solutions from raw material to ready-to-install components. Our portfolio of 2,500+ gear designs serves tractors, automotive, farm, and heavy industries.



As we look ahead, we remain committed to driving the next decade of innovation because at Synnova, precision is not just what we make; it's how we work

ABOUT US



INDUSTRY LEADERSHIP:

Over a decade of expertise in manufacturing high precision gears, shafts, and transmission systems.



TRUSTED REPUTATION:

Recognized name in the motion systems industry, powering mobility with precision and purpose.



CERTIFICATIONS & RATINGS:

- ISO 14001
(Environmental Management)
- ISO 45001
(Occupational Health & Safety)
- IATF 16949
(Quality Management System for Automotive)
- CRISIL A- rating
(March 2025)

THRUST ON QUALITY

At Synnova, our people are quality conscious, and our certified processes ensure reliable products across industries and geographies.

TRUST IN TEAM POWER

We are leveraging the knowledge pool of best-in-trade talent from varied fields with the aim to provide benchmark gear solutions across industries and geographies.



MISSION, VISION, AND VALUES

OUR MISSION:



Our mission is to become India's top gear manufacturing company in terms of strength, capacity, quality, accuracy, and prowess in the next ten years.

OUR VISION

Our vision



Core Purpose

- To provide innovative solutions by synergizing talent for everlasting customer success.

Core Values

- Empowerment Culture
- Responsive Result-Oriented
- Value Creation
- Continuous Improvement

VALUE ADDITION:



Cost
Efficiency



Timely
Delivery



Impeccable
Service



Ready-to-use
Products



In-depth
Understanding
of Operations



Value Engineering
and Value Analysis



Customisation
Capabilities

SCALE. DIVERSITY. INNOVATION. PRECISION.

MANUFACTURING SCALE:

- Produces over 1 million gears monthly.
- Two world-class facilities spanning 82,190+ sq. meters.
- Fully equipped for end-to-end gear production, from raw material to ready-to-install components.

DIVERSE PORTFOLIO:

- Developed 2,500+ gear components since 2011.
- Serves tractor, farm, automotive, off-highway, hydraulics, and heavy industries.
- We have also developed customised Gearboxes.

INNOVATION & FUTURE FOCUS:

- Committed to driving the next decade of innovation in motion systems.
- Precision is integral to both products and processes.



TURNING TECHNOLOGY

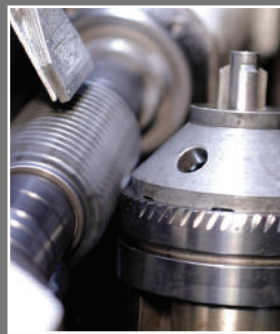
INTO TRUSTED PERFORMANCE

Our facilities house one of India's most advanced gear manufacturing setups, blending skilled craftsmanship with world-class machinery.

GEAR CUTTING MACHINES:



Broaching



Hobbing



Shaping



Shaving

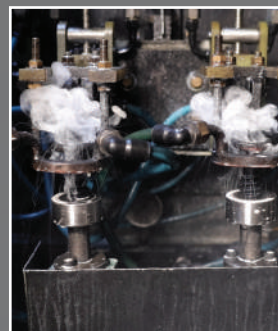
HEAT TREATMENT:



SQF Furnaces



Press Quenching



Induction
Hardening



Nitriding

Every process is digitally monitored and quality-assured, ensuring gears that are installation-ready, right out of production.

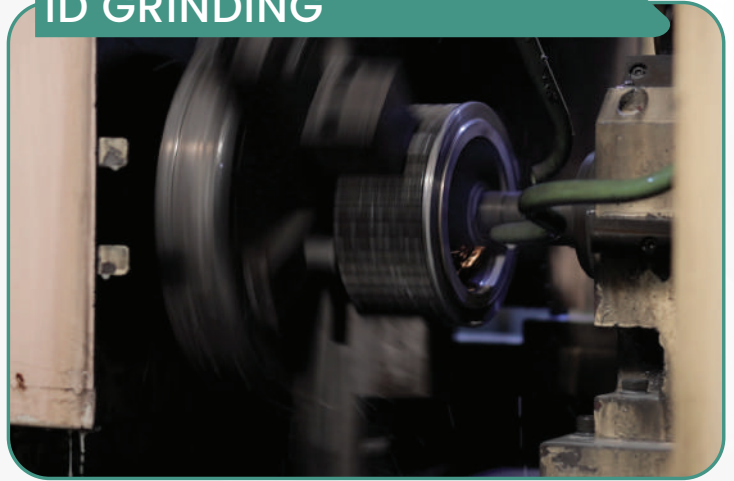
GRINDING FACILITIES

With advanced OD, ID, surface, and lapping technologies, we deliver gears with unmatched precision and consistency.

OD GRINDING



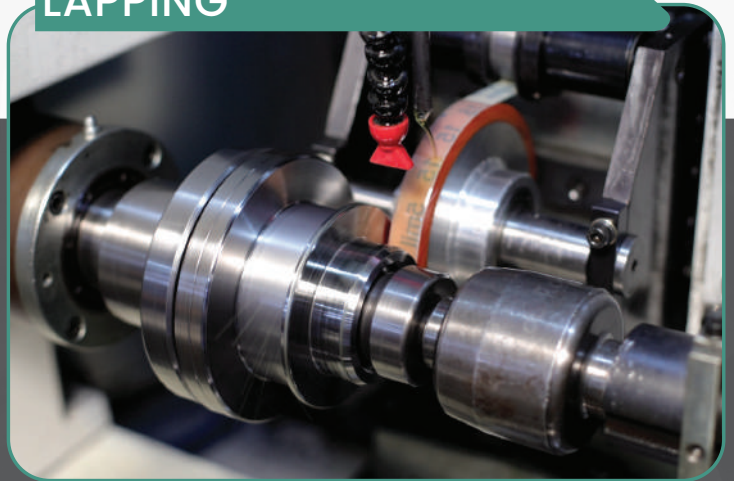
ID GRINDING



SURFACE GRINDING



LAPPING

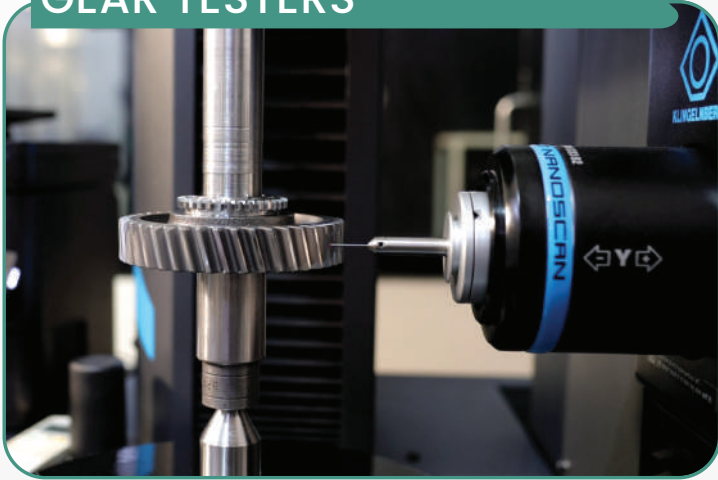


Every cut and edge is engineered for accuracy, ensuring reliability that meets global benchmarks.

METROLOGY & TESTING

- Gear Testers: Klingelnberg P40, Mahr GMX400
- CMM: Brown & Sharpe, Carl Zeiss Spectrum Plus
- Roundness Testers, Contour Testers, Profile Projectors
- Surface Roughness Testers: Taylor Hobson, Mitutoyo, Carl Zeiss

GEAR TESTERS



CMM



ROUNDNESS TESTERS



SURFACE ROUGHNESS TESTER



Result: Gears that are validated, certified, and truly installation ready.

TECH ADVANCEMENT

Innovation drives us forward. Our advanced technologies ensure gears that don't just meet standards, they set them.

GEAR GRINDING MACHINES



Klingelnberg Viper 500 W,
Nidec ZE26C

POWER SKIVING



Proficator S-300 VL Scudding

HORIZONTAL HOBGING



Nidec GBH18

TOOL RE-SHARPENING



Hob Grind HG200,
Broach Re-sharpening

With this global suite of machines, every cut, every edge, and every gear is produced with unmatched accuracy and efficiency.

METALLURGY MEASUREMENT

ENSURING STRENGTH AT THE CORE

At Synnova, quality begins with metallurgy. Our advanced in-house measurement and testing facilities ensure that every gear meets the highest standards of strength, durability, and reliability. From material composition to hardness validation, we deploy globally trusted instruments to guarantee consistent performance across industries.

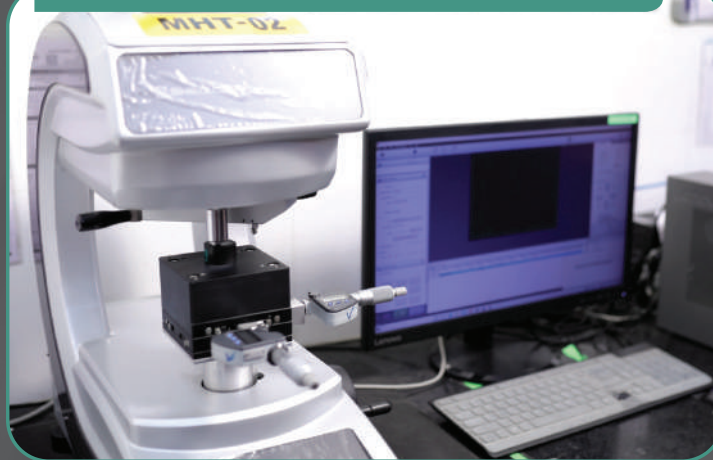
SPECTRO MACHINE



MICROSCOPE



HARDNESS TESTER



Micro Vickers (Shimadzu),
Rockwell (Saroj), Brinell (FIE)

OUR PRODUCTS

EVERY GEAR. EVERY MOTION.

Our diverse portfolio powers Industries across Tractors, Automobiles, Off-highway Vehicles, Hydraulics, and Heavy Machinery.



Transmission Shafts



Axle Shafts



Drive Shafts



Yoke Shafts



Ring Gears



Ring Gear Supports



Spur and Helical Gears



HUB



Ground Gears



Worm Wheels and
Worm Shafts



Sleeves



Planetary Gears



Manual Slack
Adjuster Assembly



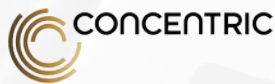
Pump Gears



Gear Assembly

SERVING INDUSTRY PIONEERS

DOMESTIC & EXPORT



SUSTAINABILITY INITIATIVES

At Synnova Gears & Transmissions Pvt. Ltd., we believe true engineering leadership is measured not only by what we build, but by how responsibly we build it. Our sustainability journey reflects our commitment to innovation, responsibility, and performance going hand in hand for a greener future.

1. GREEN ENERGY

We embrace clean and renewable energy to minimize environmental impact and contribute to a sustainable tomorrow.

a. Wind Energy

Commissioned a 2.6 MW Windmill near Pasaya, Jamnagar (Dec 2021). Achieved Negative Carbon Footprint in energy usage. Reduced dependence on conventional energy.



b. Solar Project

Invested in a 4 MW Solar Project for captive consumption. Ensures cleaner operations and aligns growth with environmental responsibility.



c. Registered Carbon Credits

Green energy initiatives generate Carbon Credits, recognized globally. A measurable contribution to climate action. Reinforces our commitment to sustainable industrial practices.

2. RAINWATER HARVESTING & WASTEWATER MANAGEMENT

Water is one of the most precious resources, and we take conscious measures to conserve it.

- **Rainwater Harvesting**
Ensures every drop is preserved and utilized responsibly.
- **Wastewater Treatment & Recycling**
Treated water is reused for plantation and greenery within facilities.
- **Sustainable Impact**
Reduces wastage, nurtures green spaces, and creates a healthier environment.



MANUFACTURING FACILITY

Our centre of excellence

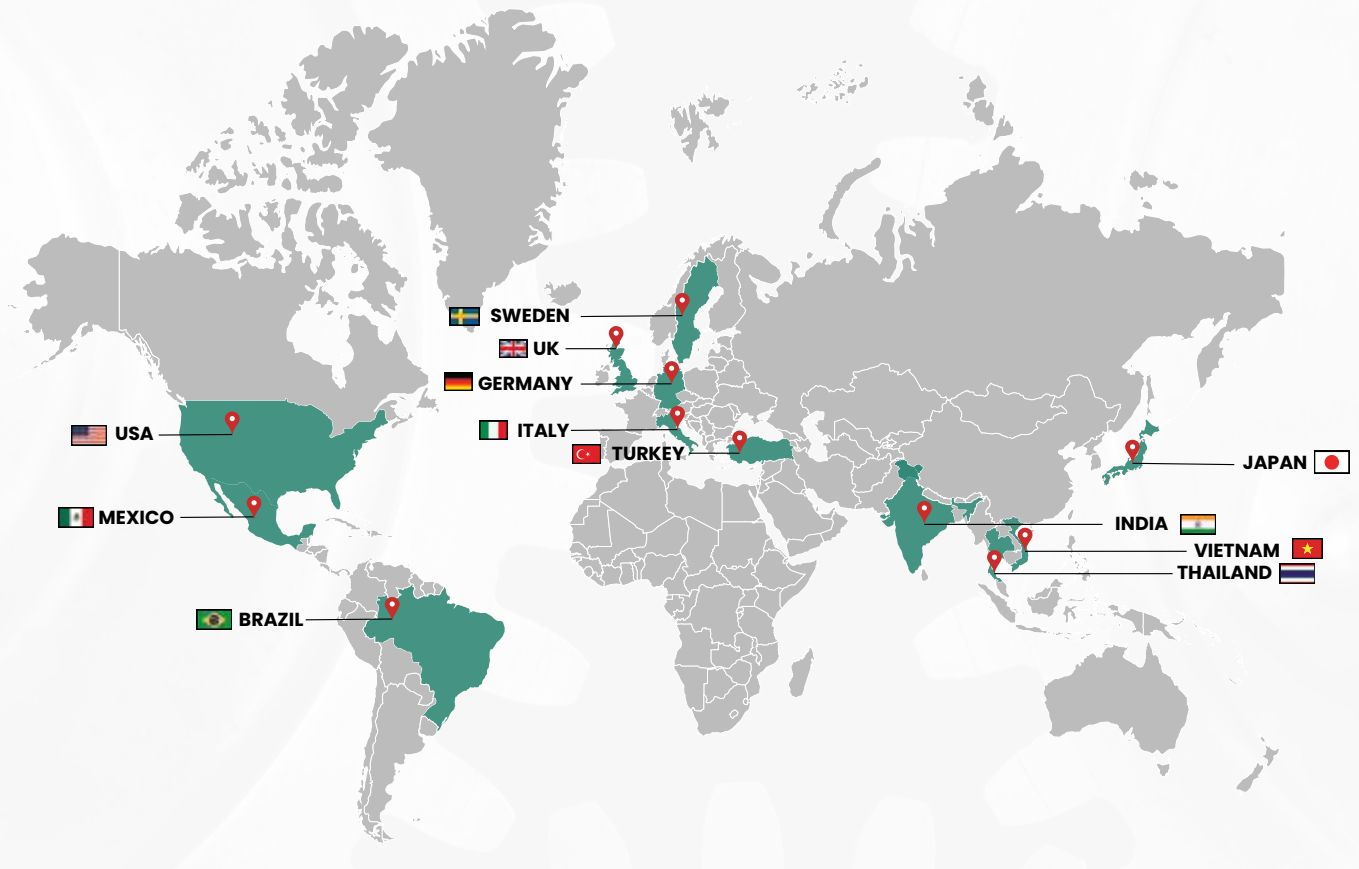
Unit - 1 (18,395 sq. meters)



Unit - 2 (63,797 sq. meters)



DRIVING INNOVATION WORLDWIDE



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