



Quality • Innovation • Service™

Value Life. Deliver Certainty.

Shaping the Next Generation of Motion.

PRECISION FORGINGS • MACHINING • ASSEMBLY SOLUTIONS

Partnering with Tier-1s & OEMs globally through integrated manufacturing, advanced engineering and uncompromising quality, from concept to commercialization.

Kalra Overseas & Precision Engineering Ltd.

Established 1998



Built on Precision. Driven by Purpose.

Partnering from
Concept to Commercialization.

KOPL has evolved into a globally trusted manufacturing partner to leading Tier-1s and OEMs. Combining advanced engineering, integrated manufacturing and globally benchmarked quality systems, KOPL delivers precision forged, machined and assembled solutions for demanding applications worldwide.

Headquartered in Pune, India and operating from a 200,000 sq. ft. green manufacturing campus in Shirwal, KOPL is strategically positioned to support international supply chains with responsiveness, reliability and long-term partnership.

The Culture Behind the Capability

Technology creates capability. Culture creates consistency.

At KOPL, TPM-driven operational excellence and the **core values** of **K**nowledge, **O**wnership, **P**assion and **L**eadership shape the way we think, work and continuously improve.

27+

Years of Manufacturing Excellence

200,000 sq. ft.

Integrated Manufacturing Campus

5.28M

Components Annually

≤ 0.4 mm

Forging Mismatch Capability

QMS & Sustainability

Certified Management Systems

VDA 6.3 "A" Status

Process Audited

95%

Export Revenue Since 2000

185 km

From JNPT Port

Wind Powered

Operations Since April 2026

Beyond Manufacturing

Where Engineering Meets Ownership.

STAGILITY - The KOPL operating philosophy.

Stability in supply + Agility in response = Dependability without compromise



Built for Dependability

ENGINEER

Confidence Before Production.

Early Supplier Involvement - DFM Support
- Q-Form Simulation - In-house Tooling

IMPROVE

Consistency by Design.

TPM - Layered Audits - Kaizen
- Zero-Defect Mindset

INTEGRATE

One Partner. Complete Accountability.

Forging - Heat Treatment - Machining
- Quality

DELIVER

Dependability at Scale.

Export Experience Since 2000 - CBAM Ready
- Long-Term - Program Support

Extra Efforts People, Making Things Happen.

Integrated Capability Across the Value Chain

Transforming customer requirements
into dependable production programs.

Engineering & Program Management

Reducing development iterations before tooling investment begins, enabling a First-Time-Right approach to product realization.

- Early Supplier Involvement
- APQP-Led Launch Planning
- Design for Manufacturability (DFM)
- Siemens NX & CAD
- Q-Form Simulation
- Safe Launch & Production Ramp-up Management
- Engineering Change Management



Tool & Die Manufacturing

Full control over tooling quality, timing and engineering changes throughout the product lifecycle.

- In-House Tool Design
- CAM Programming
- Tool Manufacturing & Maintenance
 - CNC Machining
 - EDM
 - Surface Grinding
 - Super Finishing
 - Die Welding Technology
- Tool Validation



Forging

Consistent metallurgical integrity for
safety-critical applications at scale.

- Closed-Die Steel Forging
- Hot, Warm & Cold Ironed Processes
- Controlled Heating
- Process Validation
- Integrated Heat Treatment
- 5.28 Million Components Annually
- Component Weight Range: 200 g – 10 kg
- Alloy, Micro-Alloy, Carbon & Stainless Steels
- ≤ 0.4 mm Forging Mismatch Capability
- Controlled Grain Flow



Metallurgy & Heat Treatment

Mechanical properties engineered for application performance.

Metallurgical Laboratory

- Spectrometer
- Microscope with Image Analyser
- Micro Hardness Testing
- Tensile Testing
- Jominy Hardness Testing
- Material Cleanliness Evaluation
- Ultrasonic Flaw Detection
- MPI & Crack Detection

Heat Treatment

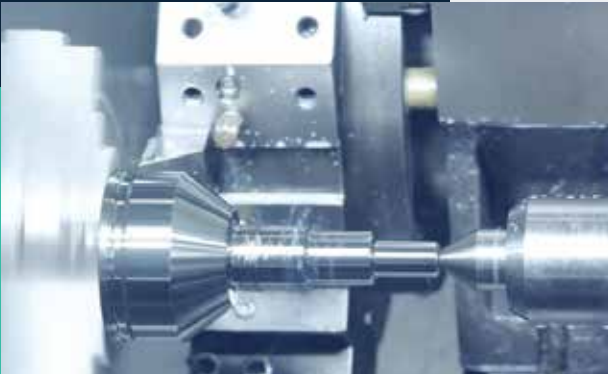
- Normalizing
- Hardening & Tempering
- Solution Annealing
- Induction Hardening
- Case Carburizing



Machining

Dimensional accuracy delivered through dedicated lean production cells.

- CNC Turning
- VMC
- HMC
- Broaching
- Grinding
- Gear Cutting, Shaping
- Special Purpose Machines



Quality & Metrology

Verification built into every stage of production, supporting reliable performance throughout the product lifecycle.

- CMM
- VMM
- Contracer
- Trimos
- Surface Measurement Systems
- Air Plug Gauges (APGs)
- APQP Discipline



Engineered for Motion

Supporting safety-critical applications across transportation, industrial and emerging sectors.



Commercial Vehicles & Trailers

Supporting durability, safety and uptime.



Passenger Vehicles

Engineered for consistency and long production lifecycles.



Two & Three Wheelers

Manufactured for everyday mobility and reliability.



Agriculture, Off-Highway & Construction Equipment

Built for severe-duty operating environments.



Industrial Applications

Dependable solutions for demanding industrial systems.



Emerging Opportunities

Future-ready sectors including Defence, Rail, Mining & Energy.



From Concept to Commercialization

Engineering capability, manufacturing discipline and dependable execution, aligned to support long-term customer success.

Built on Systems. Proven Through Performance.

Institutionalized systems, disciplined execution and continuous improvement supporting long-term program reliability.



QUALITY SYSTEMS

APQP & PPAP Discipline - ISO 9001:2015 - IATF 16949:2016 -
VDA 6.3 "A" Status through Two Consecutive Audit Cycles



OPERATIONAL EXCELLENCE

TPM Philosophy - Layered Audit Structure - Kaizen Culture -
5-S & Visual Management - Single-Piece Flow - Zero-Defect Mindset



SUSTAINABILITY

ISO 14001:2015 - ISO 45001:2018 - ISO 50001:2018 -
Zero-Use of Fossil Fuels - 100% Use of Water-based Lubricants -
Zero Accident Mindset - Zero Discharge of Water



ESG & FUTURE READINESS

Wind-Powered Operations - Solar Power Integration (March 2027) -
CBAM Readiness (October 2026) - TISAX Certification -
ESG Readiness - 5-S Certification (March 2027)

Dependability Without Compromise

Quality is validated through systems.
Reliability is sustained through culture.



Quality • Innovation • Service

Let's Build the Future Together.

Extra Efforts People, Making Things Happen.

Whether you are developing a new program, localizing supply, seeking a contract manufacturing partner or exploring strategic collaboration opportunities, KOPL brings the engineering capability, manufacturing discipline and responsiveness needed to support long-term success.

Kalra Overseas & Precision Engineering Ltd.

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