

Engineering Every Micron With Precision

About Us

Skynex is a precision engineering company focused on delivering mission-critical aerospace components and advanced tooling solutions. Driven by disciplined manufacturing systems, global quality benchmarks, and a zero-defect mindset, Skynex ensures exceptional accuracy and reliability for international aerospace applications.

Positioned within India's rapidly evolving aerospace ecosystem, Skynex is built for scalable growth, operational excellence, and long-term value creation.



VISION

To be recognized as a trusted global partner and industry leader in aerospace manufacturing, known for innovation, precision, and unwavering commitment to quality and customer satisfaction.



MISSION

To advance the aerospace industry by delivering high-quality, reliable products and solutions that exceed customer expectations.

We strive to drive global aviation growth while upholding the highest standards of safety, sustainability, and environmental responsibility.

Core Values

Innovation

We embrace innovation and creativity to drive continuous improvement, staying ahead at the forefront of aerospace technology.



Quality

We are committed to delivering excellence by maintaining the highest standards across every stage—from design to execution.



Integrity

We conduct our business with honesty, transparency, and strong ethical principles, building lasting trust with all our stakeholders.



Collaboration

We believe in the power of collaboration, fostering strong partnerships with customers, suppliers, and our team to achieve shared success and growth.



Safety

We prioritize safety in everything we do, ensuring the well-being of our people, products, and customers by adhering to the highest safety standards.





Quality

At Skynex, quality is deeply embedded in our culture and processes. Every stage of production is governed by stringent quality management systems aligned with global aerospace standards. Our zero-defect philosophy drives continuous monitoring, rigorous inspections, and process control to ensure consistency, reliability, and superior performance. Through a proactive approach to quality assurance, we not only meet specifications but consistently exceed customer expectations, building trust and long-term partnerships.



Engineering

Our engineering strength lies in our ability to transform complex requirements into precise, manufacturable solutions. Skynex combines technical expertise with advanced tools and methodologies to deliver optimized designs, efficient production strategies, and continuous process improvements. From initial concept development to final execution, our team focuses on enhancing performance, reducing lead times, and ensuring scalability. This integrated engineering approach enables us to support evolving aerospace demands with agility and innovation.



Metrology

Precision is ensured through advanced metrology. Skynex uses state-of-the-art inspection technologies to meet exact dimensional requirements with accuracy and traceability. Integrated with production, our processes maintain tight tolerances, minimize deviations, and ensure compliance with aerospace standards.

Confidentiality

At Skynex, protecting client information is integral to our operations. All engineering data, technical documentation, and proprietary assets are handled with the highest level of confidentiality through secure systems and controlled access protocols.

Our structured processes ensure the complete safeguarding of customer property, sensitive data, and project information. With a strong commitment to integrity and trust, Skynex upholds the highest standards of discretion, reliability, and compliance across every engagement.





PVM1165 Vertical Machining Center (VMC)

Table Dimensions	600 x 1200 mm
Max Load Capacity	800 kg
Spindle Speed	8000-12000 rpm
Spindle Torque	118 nm at 1500 rpm
Main Spindle Power Output	11 kW
Controller Type	Mitsubishi/FANUC/Siemens
Number of Tools	24 (30/32)
Max Tool Length:	300 mm
Weight	4,500 kg

This machine is designed for precision machining and is suitable for various industries, including automotive and mold production.



LL20T L5

Description	Unit	LL20T L5
Swing over bed	mm	510
Chuck dia. Max	mm	210
Max. Turning Diameter	mm	320
Max. Turning Length	mm	500
Admit Between Centres	mm	625



Laser Marking Machine

Phase	1 Phase
Marking Speed	7000 mm/s
Marking Speed Capacity	7000 mm/s
Marking Area	200 x 200 mm
Voltage	220V
Working Area	2500 X 1200 mm
Power	30W
Model	30W Fiber Laser Metal Marketing Machine, 7000 mm/s
Frequency	60Hz



Suction Glass Bead Blasting Machine (600 x 600 x 600 mm)

Machine Type	Suction
Abrasive Type	Glass Bead
Power	0.5 HP
Chamber Size	600 x 600 x 600 mm
Production Capacity	1-2 Tons Per Day
Air Flow	50 cfm
Frequency	50HZ
Phase	3

Our Solutions



Engineering Solutions

- Advanced engineering focused on precision and reliability
- Expertise in high-accuracy CNC programming
- Optimized machining for enhanced performance
- Customized jigs and fixtures for specific needs
- Increased productivity with minimized downtime

Design Solutions

- Commitment to the highest standards of quality and reliability
- Non-Destructive Testing (NDT) for defect detection without damage
- Comprehensive documentation for compliance and \ traceability
- Precise dimensional inspection to meet exact specifications
- Ensured accuracy, consistency, and high-quality deliverables



***From Concept to Machining —
Complete Design & Engineering
Solutions.***



General Services

- Value-added services to enhance performance, durability, and appearance.
- Precision bead blasting for smooth and uniform surface finishing.
- Effective removal of impurities, oxidation, and surface imperfections.
- High-accuracy laser engraving for permanent marking and identification.
- Supports traceability, branding, and long-lasting readability.

Services Include

- Precision Bead Blasting for Uniform Surface Finishing (Available for Both In-House & External Services)
- High-Accuracy Laser Engraving for Permanent Marking and Identification (Available for Both In-House & External Services)

Inspection Tools



Digital Vernier Calipers



Digital Micrometers



Bore Dial Gauges



Pin Gauges



Slip Gauges



Feeler Gauges



Dial Height Gauges



Thread plug gauges and ring gauges

Quality Instruments

Mitutoyo
LH 600 Height Master



Quality Assurance

- Commitment to the highest standards of quality and reliability
- Non-Destructive Testing (NDT) for defect detection without damage
- Comprehensive documentation for compliance and traceability
- Precise dimensional inspection to meet exact specifications
- Ensured accuracy, consistency, and high-quality deliverables





Heat Treatment Sources

Therelek Engineers Pvt. Ltd.

High Temp

Special Process Sources

Ametronics Pvt. Ltd.
Bangalore

Bliss Aerospace Pvt. Ltd.
Bangalore

Hyderabad Electroplating Works
Hyderabad

Aerospace & Special Process
Bangalore

Spacenex Aero Pvt. Ltd.
Bangalore

Sheen Electroplaters Pvt. Ltd.
Bangalore

INDO-MIM Pvt. Ltd.
Bangalore

Vijaya Metal Finisher
Bangalore



Sources Capability

SPIROL



VIRAT



SCOPE



nordia springs

STANLEY
Engineered Fastening



BOSSARD
Proven Productivity



SGS
Industrial Services



TECHNIFAST

thyssenkrupp

KENAMETAL

JJTOOLS CO.,LTD

Carmex
Precision Tools Ltd.

SANDVIK
Coromant

TaeguTec

KAYTECH
INDUSTRIES CORP.

HARSH STEEL
IDEAL FOR FERROUS & NON-FERROUS
ISO 9001:2015 CE

Member IMC Group
Tungaloy

AFI Aircraft Fasteners
INTERNATIONAL, LLC
AN FDH COMPANY

SCA

mitsubishi

Hoffmann Group

Member IMC Group
Iscar

MAKE
SWISS PRECISION MECHANICS

KYOCERA

EMKAY TOOLS

TAMBOUR



Precision. Consistency. Reliability.



SKYNEX EXACTITUDE TECHNOLOGIES

S.F.NO.396 / 1, S.NO.41, Lakshmi Nagar, Madukkarai,
Malumichampatti Coimbatore,
Tamil Nadu - 641050