

Company Overview



JK Precision and Tools is a premier manufacturer in the machining industry, specializing in the production of high-quality components and customised fixtures with advanced 3-axis and 4-axis VMC machines, CNC turning centres. Our unwavering commitment to precision and innovation enables us to serve a diverse range of industries, consistently delivering excellence in every project..

Manufacturing Scope:

JK Precision and Tools specializes in precision machining and the production of custom fixtures. We utilize advanced 3-axis and 4-axis VMC machines, CNC turning centers, and conventional machinery to create high-quality hydraulic, automotive, aesthetic, and defense components. We Make fixtures like Assembly, Break load, Hydraulic, LT, Powder Coating, UTM Pull test etc.







Core Competency



- Advanced Machining: Expertise in 3-axis and 4-axis VMC machines and CNC turning centers for precise machining.
- **Custom Fixtures:** Specialize in designing and manufacturing custom fixtures and gauges, including hydraulic clamps.
- **Versatile Production:** Proficient in machining hydraulic, automotive, aesthetic, defence, and engine components.
- **Diverse Equipment:** 14 VMC machines (8 AMS, 6 BFW), 3 CNC machines (2 AMS, 1 Jyoti), and conventional machinery.
- Quality Assurance: Rigorous quality control ensuring precision and durability.
- Industry Expertise: Serving various industries automotive, hydraulic, filtration, exports, etc.
- Innovation and Efficiency: Focused on continuous improvement and technological advancement.

Vision & Mission



Vision:

To be a global leader in precision machining and custom fixture and SPM manufacturing, recognized for our innovation, quality, and commitment to customer satisfaction.

Mission:

To deliver high-quality machining solutions and custom fixtures that exceed our clients' expectations through advanced technology, skilled craftsmanship, and a dedication to continuous improvement.

Vendor Codes:













Quality Assurance



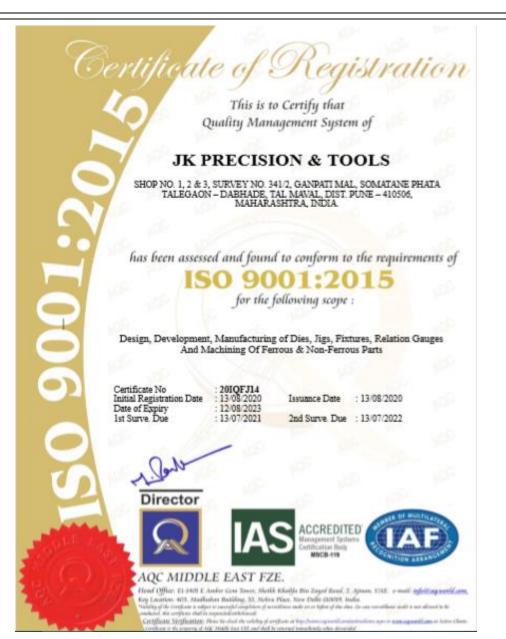
Quality is at the heart of everything we do at JK Precision and Tools. Our stringent quality control processes ensure that every component we produce meets the highest standards of precision and durability. We are committed to continuous improvement and customer satisfaction.

Quality Instruments – Digital Vernier Calipers, Micrometer, Digital Height Gauge, PPG's, TPG's, CMM, Surface Roughness Tester, Filler Gauges, Dial Gauges, APG Units etc.



ISO 9001:2015 Certified





QUALITY POLICY

We at JK Precision & Tools, engaged in the business of manufacture of Machined Parts and Design & Manufacture of Jig, Fixtures & Relation Gauges. We are committed to enhance customer satisfaction by providing first time right tools as per customer & applicable requirements.

We are committed for continual improvement of our Quality Management System. This will be achieved by engagement & empowerment of employees, Reduction of wastes throughout the processes and by developing & maintaining culture of quality in organisation.

Rev: 00

Date: 01.06.2023

Mrs. Kirti Lakhotia

Managing Director

Plant Facilities



Machine Type	Make	Qty	Specification
VMC 4 Axis	AMS / X-TRON / BFW	14	Table Size 1000 X 450 X 880 mm Table Size 1200 X 550 X 880 mm Table Size 700 X 450 X 710 mm
CNC	AMS	2	Swing Diameter & Bed 420 mm Length 250 mm
M1TR	AGRO	1	Bed Length 1200 X 300 mm
Lathe	НР	1	Double Belt, 5.5 Feet
Band Saw Machine	Di	1	Cutting Range – 175 mm Max Cutting Dia – 170 mm Max Flatness Range – 0.2 Min

Why JK Precision and Tools?





ISO 9001:2015 Certified: Adherence to the highest quality management standards.



Customization: Tailored solutions to fit specific client requirements.



Technical Support: Comprehensive support throughout the project lifecycle.



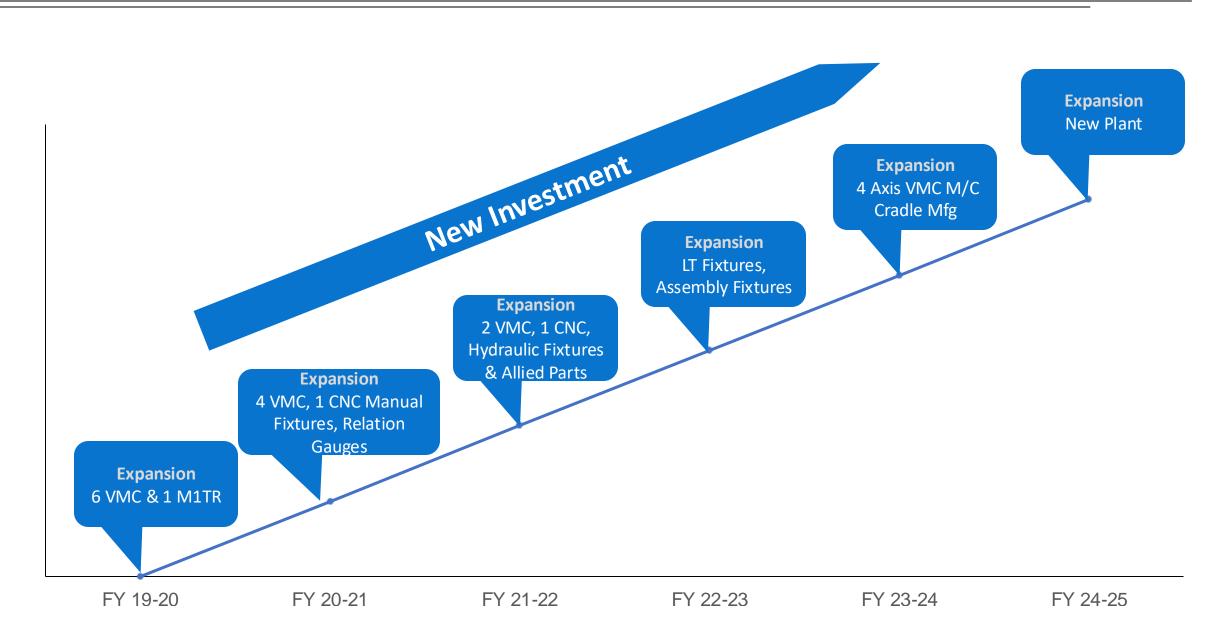
Experienced Team: Skilled professionals with extensive industry expertise.



Solution-Driven Approach: Innovative problem-solving to meet unique challenges.

Growth & Expansion





Capabilities & Services



At JK Precision and Tools, we offer a wide range of machining capabilities, including:

3-axis and 4-axis VMC Machining: Utilizing our 14 VMC machines (8 AMS, 6 BFW) for complex and precise machining tasks.

CNC Turning Centers: Operating 3 CNC machines (2 AMS, 1 Jyoti) for efficient and accurate turning processes. **Conventional Machining:** Equipped with Lathes, M1TR, Band Saw, and other conventional machines to handle a variety of machining needs. We also specialize in designing and manufacturing fixtures and relation gauges with allied parts like hydraulic clamps.

Products:

Our extensive product range includes:-

- Assembly Fixtures
- Break Load Fixtures
- 4-axis Cradle for VMC-
- CNC Jaw Fixtures
- Leak Testing Fixtures
- Powder Coating Fixtures
- Riser Cutting Fixtures
- > Trimming Fixtures
- > Pull Test Fixtures, etc

Component Range



- Two Wheeler Parts
- Handle holders
- Foot pegs
- Foot peg brackets
- Bracket assemblies
- Four-wheeler parts
- Engine components
- Mounting brackets
- EGR housings
- Braking parts
- Defense parts
- Powder-coated parts
- Hydraulic components
- Air filtration components
- Oil filtration components
- Fuel filter heads
- Export parts
- Refrigeration system parts
- Intake manifolds
- Pipes
- Cylinder head covers
- Water pump housings



Two Wheeler Parts





Four Wheeler / Heavy Load Vehicle Parts





Export Parts











Non Automotive Parts





Miscellaneous Gallery - Machining





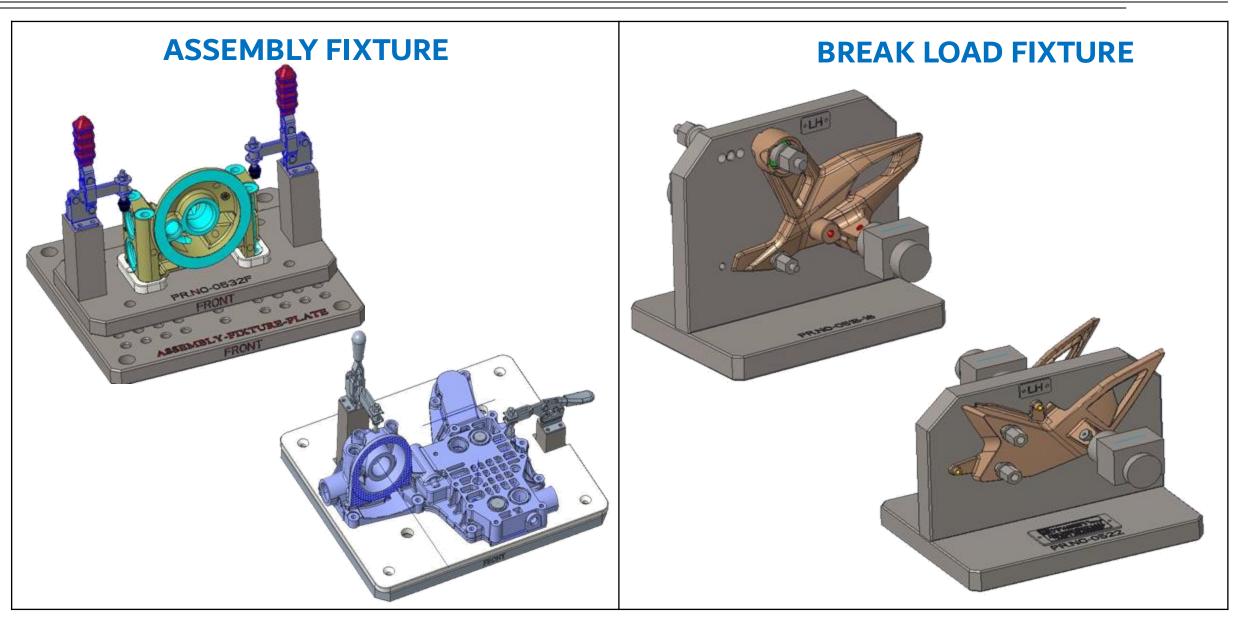
Fixture Envelope Size



Max (mm)	Min (mm)
1000 X 400	400 X 250
	FRONT-SIDE

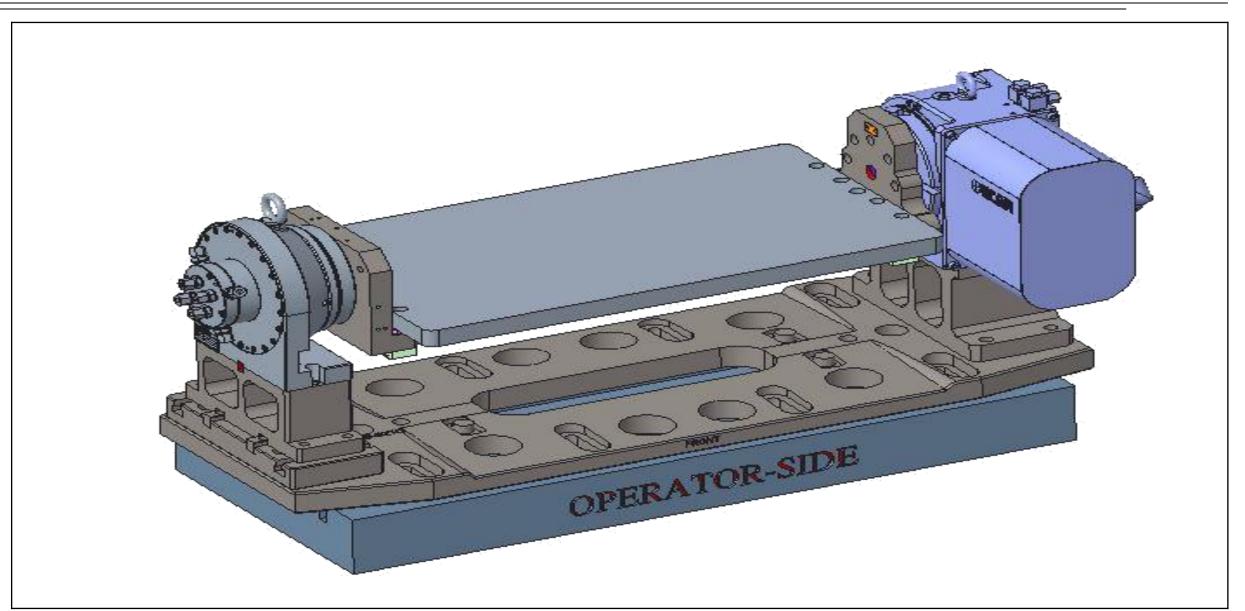
ASSEMBLY & BREAK LOAD FIXTURE





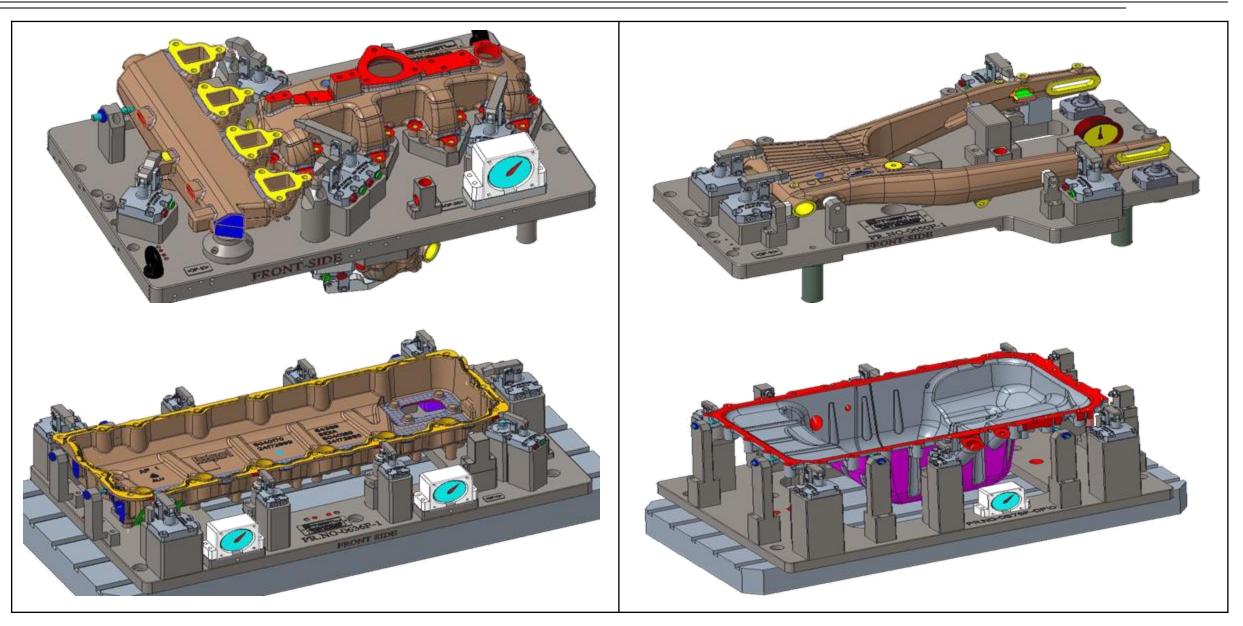
4-AXIS CRADLE





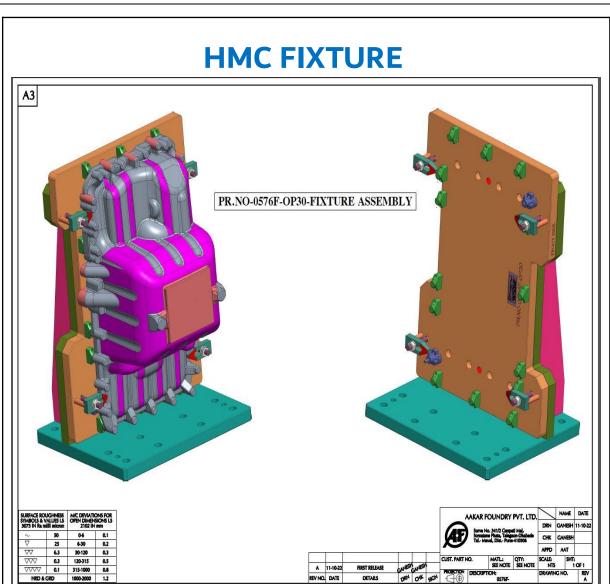
HYDRAULIC FIXTURE

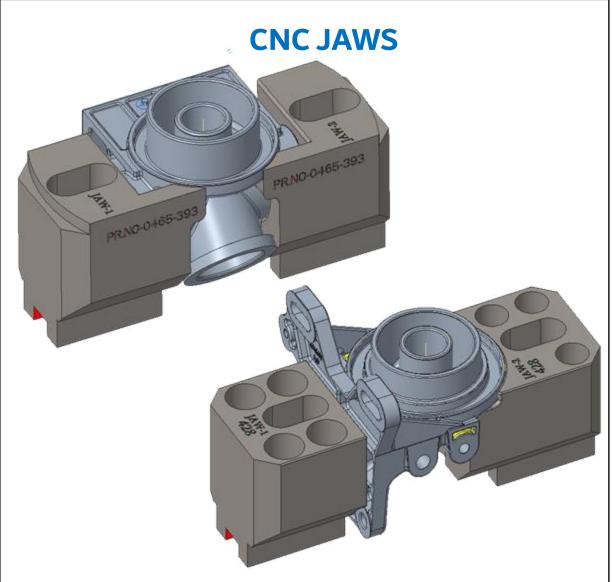




HMC FIXTURE & CNC JAWS

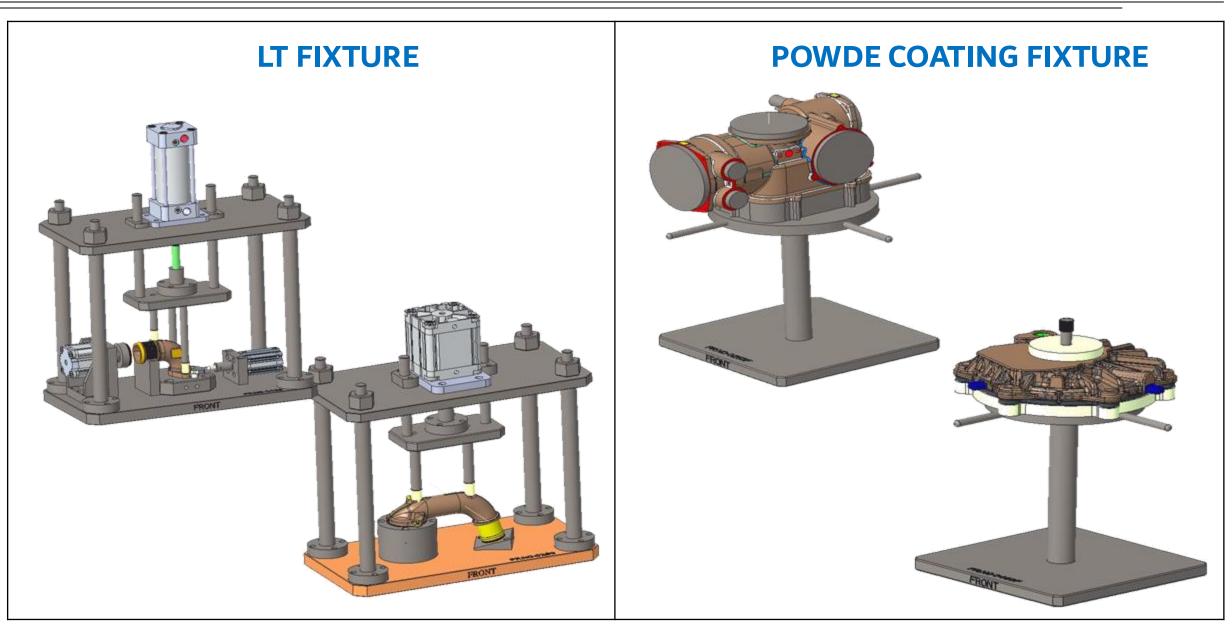






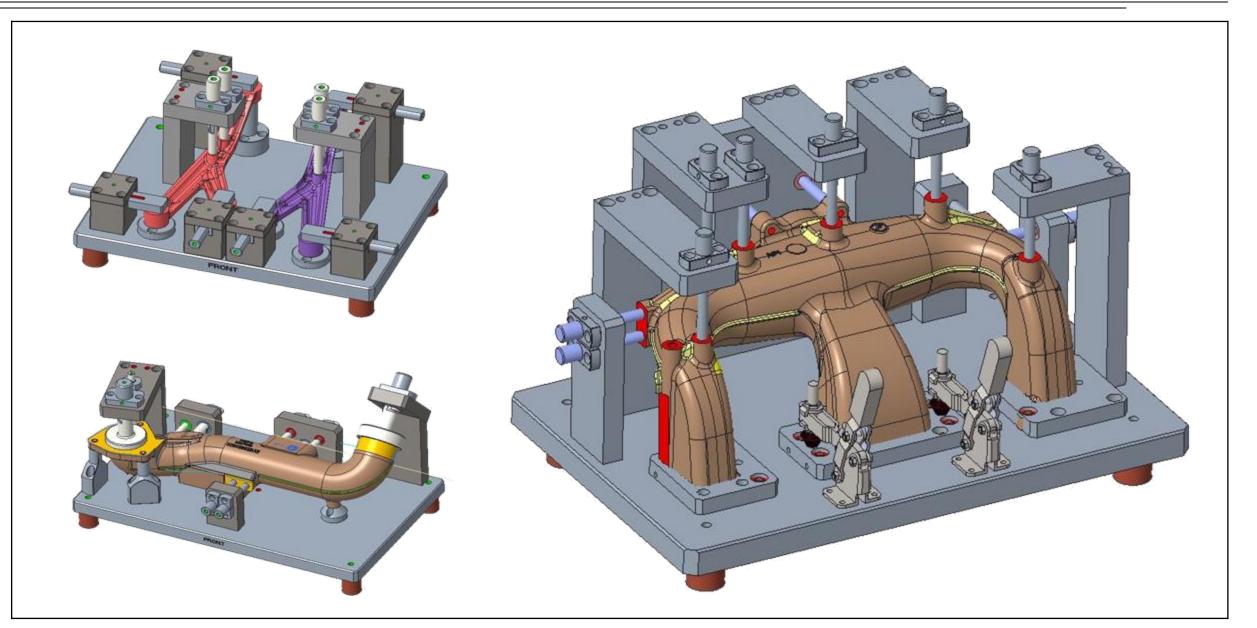
LT & POWDER COATING FIXTURE





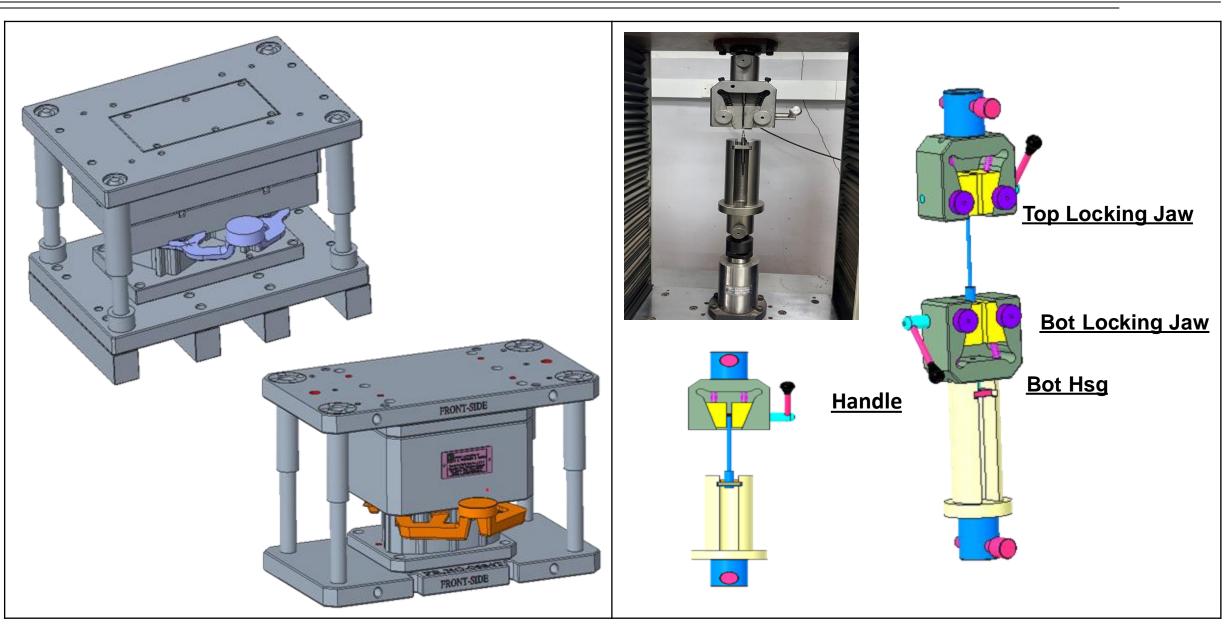
RELATION GAUGE





TRIMMING TOOL & UTM PULL TEST FIXTURES





DESIGN & MANUFACTURING:

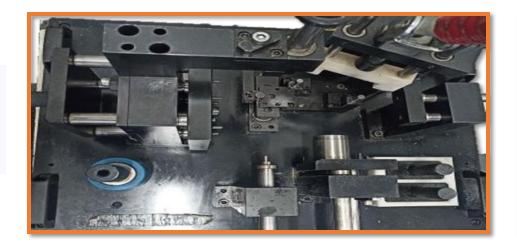


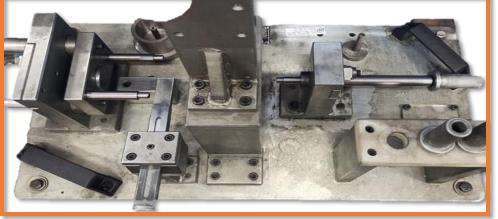
Jigs & Fixtures:





Relation Gauges:







Thank You!



Mr. Bhagyesh Lakhotia

Manager - Marketing

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Plant: Shop No-1,2 & 3, Survey No.341/2, Somatane Phata, Talegaon Dabhade.
Pune-410506.

Regd.Off: Sector No.21, Yamuna Nagar, Plot No. LCA 4, Near Shri Niwas Hospital, Nigidi, Pune-411040