



GOALTECH INDUSTRIES (Since 2020)

Precision Manufacturing Solutions

Press Tools · Jigs & Fixtures · CNC Milling · Gauges



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Company Overview

GOALTECH Industries is a Chennai-based precision manufacturing company established in **2020**, operating from **Ambattur Industrial Estate**. We specialize in delivering high-quality press tools, jigs & fixtures, gauges, and CNC machined components for OEMs and industrial clients.

With a **10,000 sq. ft.** manufacturing facility, advanced machinery, and a skilled technical workforce, we focus on precision, consistency, and reliability in every project we undertake. Our manufacturing processes are designed to meet strict dimensional accuracy and industry quality standards.

GOALTECH Industries is driven by a commitment to continuous improvement, process discipline, and long-term customer partnerships, enabling us to support clients from tooling development to production requirements.



KEY HIGHLIGHTS



High-precision manufacturing with strict dimensional and quality control



Well-equipped facility with CNC, VMC, EDM, grinding, and tooling machines



Experienced technical team with strong tooling and machining expertise



Commitment to timely delivery, consistent quality, and customer satisfaction

GOALTECH Industries combines technical capability with operational discipline to deliver dependable manufacturing solutions across industries.

OUR SERVICES & SOLUTIONS

We offer comprehensive precision manufacturing and tooling solutions to support diverse industrial requirements.



Press Tools Manufacturing

01

Design and manufacture of high-precision press tools engineered for durability, accuracy, and consistent production output.



Jigs & Fixtures

02

Custom jigs and fixtures developed to improve machining accuracy, reduce setup time, and enhance production efficiency.



Gauges Manufacturing

03

Precision gauges manufactured to ensure dimensional accuracy and quality compliance during inspection and production.



CNC Milling & Machining

04

Advanced CNC machining solutions for complex components with tight tolerances and superior surface finish.



Precision Component Manufacturing

05

End-to-end manufacturing of precision components tailored to customer specifications and application needs.



MANUFACTURING CAPABILITIES

Our manufacturing facility is equipped with advanced machines and well-defined processes to handle complex tooling and precision machining requirements. We focus on achieving high repeatability, dimensional accuracy, and consistent quality across all production stages.

 CNC Vertical Machining Centers (VMC)	 CNC Milling Operations	 Wire Cut EDM
 Surface Grinding	 Turning & Lathe Operations	 Tooling and Fabrication Support

Every process is supported by skilled operators and monitored through strict quality control practices.

CNC & HEAVY MACHINING FACILITIES

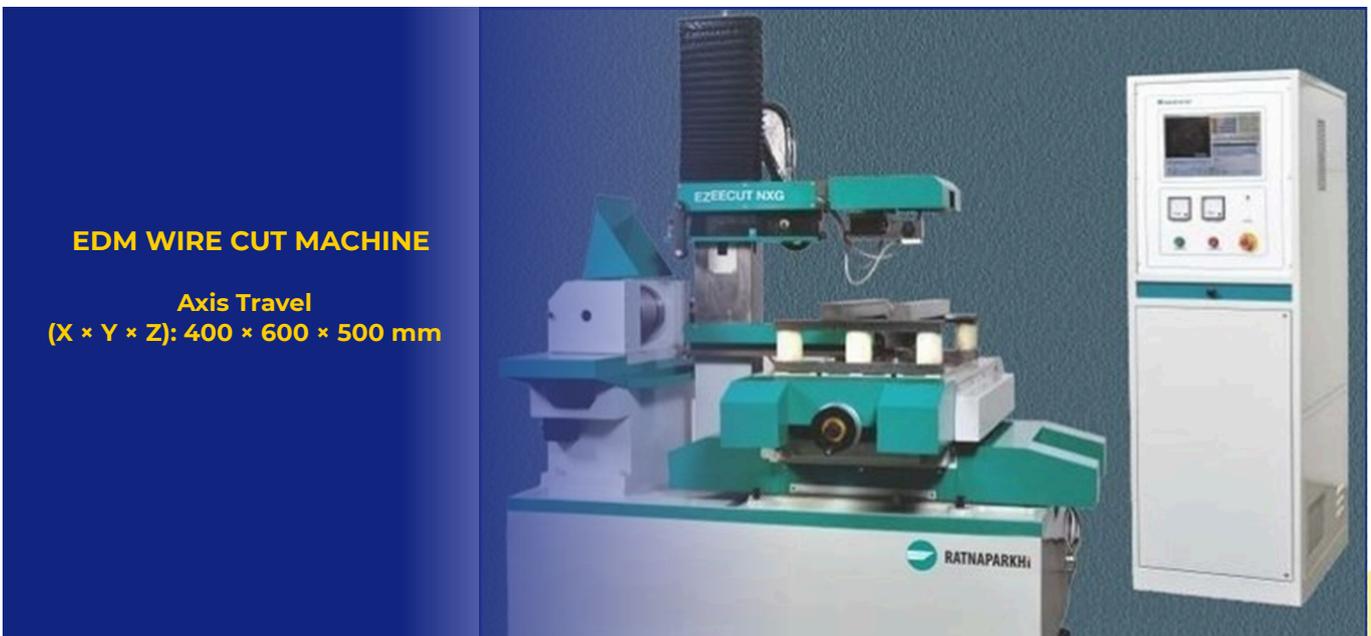
GOALTECH Industries is equipped with advanced CNC and high-precision machining facilities to handle complex tooling and component manufacturing requirements. Our CNC infrastructure ensures accuracy, repeatability, and consistent quality across production batches.



These CNC and heavy machining facilities enable GOALTECH Industries to manufacture large and complex tooling components with high precision and structural accuracy.

EDM & PRECISION CUTTING MACHINES

GOALTECH Industries is equipped with advanced EDM and precision cutting machines to produce intricate profiles and high-accuracy tooling components. These facilities enable precise cutting of hard materials and complex geometries, ensuring excellent surface finish and dimensional consistency for dies, punches, and precision tooling applications.



The integration of high-precision wire cut EDM machines allows GOALTECH Industries to achieve tight tolerances, accurate contours, and superior surface quality.

MILLING & TOOL ROOM MACHINES

GOALTECH Industries is equipped with reliable milling and tool room machines to support precision machining, tool manufacturing, and finishing operations. These machines play a vital role in producing accurate components, fixtures, and tooling parts required for high-quality manufacturing processes.



MILLING MACHINE



MAKINO MILLING MACHINE



SIDE MILLING MACHINE

These milling and tool room machines provide flexibility for a wide range of machining tasks, including facing, slotting, and finishing operations. They support accurate tool preparation and component machining, ensuring smooth workflow and consistent quality throughout the manufacturing process.

GRINDING, TURNING & MATERIAL PREPARATION

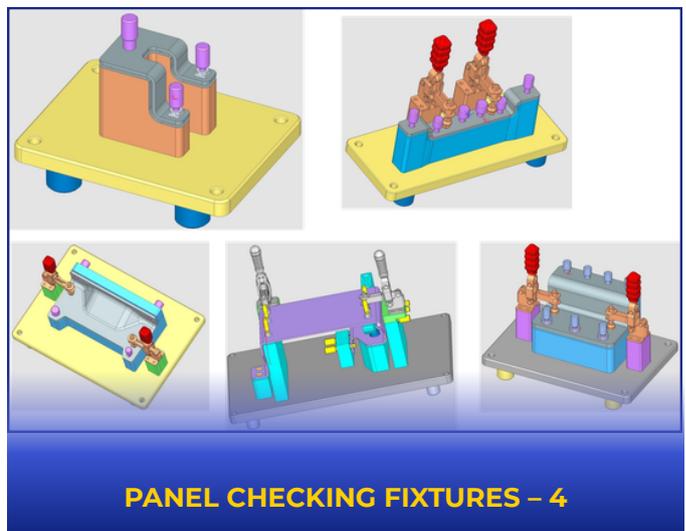
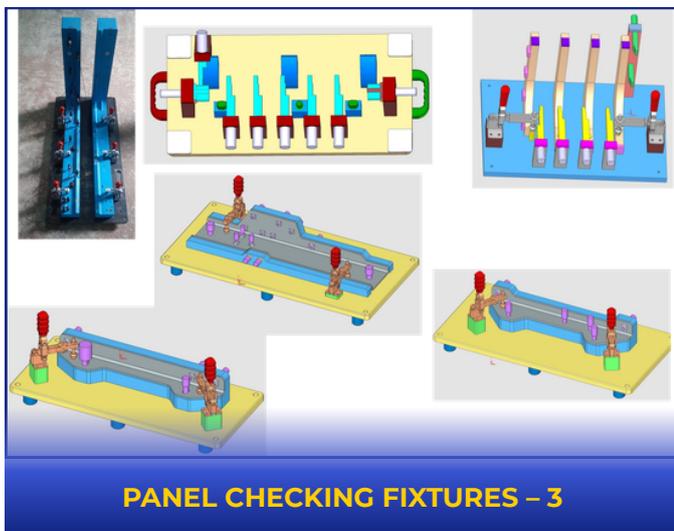
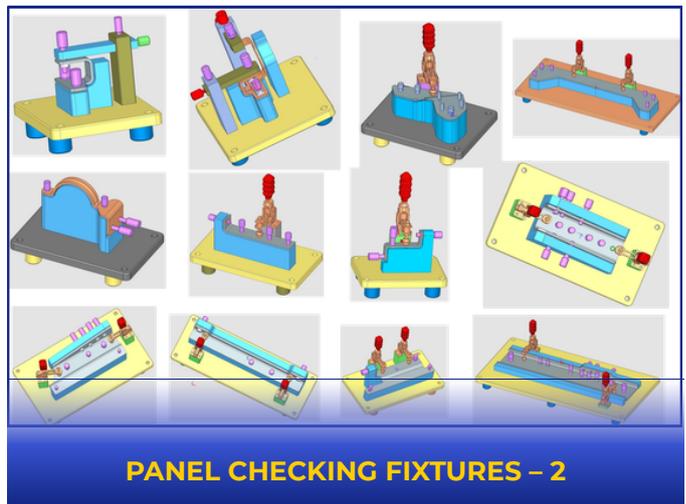
GOALTECH Industries is equipped with grinding, turning, and material preparation machines that support precision finishing and secondary machining operations. These facilities ensure accurate surface finish, dimensional control, and proper material sizing, which are critical for tooling accuracy and consistent manufacturing quality.



These machines play a key role in achieving final dimensional accuracy and surface finish for tooling and components. Grinding and turning operations ensure precision and consistency, while material preparation processes support efficient workflow and reduce lead time across manufacturing stages.

PANEL CHECKERS

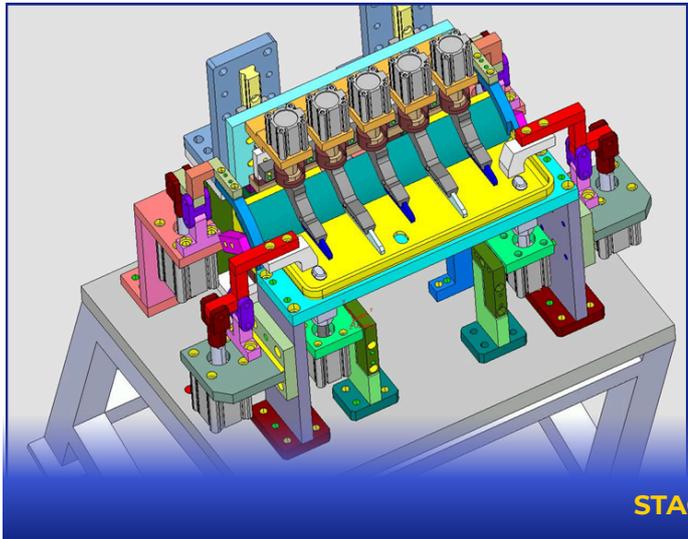
GOALTECH Industries designs and manufactures panel checkers used for inspection and validation of sheet metal components. These fixtures are developed to verify dimensional accuracy, profile alignment, and fitment during various stages of production, ensuring consistency and quality compliance before assembly.



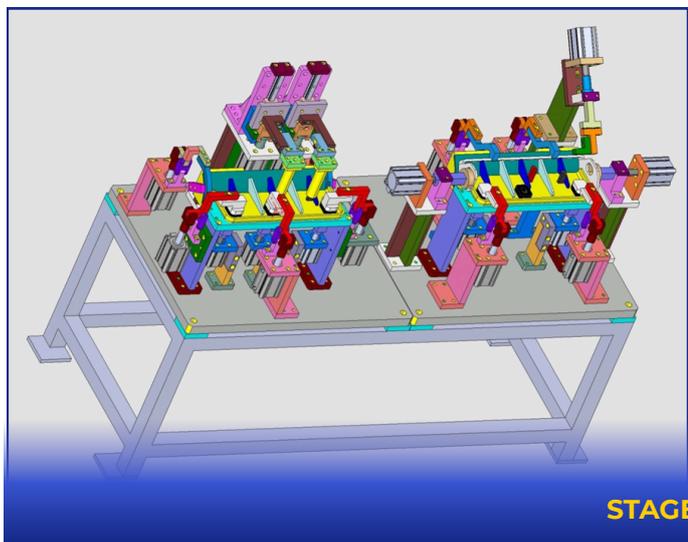
Panel checkers play a critical role in maintaining quality standards by identifying dimensional deviations and fitment issues at an early stage. These fixtures support effective quality control processes and help reduce rework, ensuring reliable and repeatable production outcomes.

ROBOT WELDING FIXTURE

GOALTECH Industries designs and manufactures robot welding fixtures to support accurate and repeatable robotic welding operations. These fixtures are engineered to ensure precise component positioning, stable clamping, and consistent weld quality across multiple stages of the welding process.



STAGE 1



STAGE 2 & 3



The multi-stage robot welding fixtures are developed to facilitate sequential welding operations with minimal repositioning. By maintaining alignment and repeatability from Stage 1 through Stage 3, these fixtures help improve production efficiency, reduce welding defects, and ensure uniform quality in high-volume manufacturing environments.

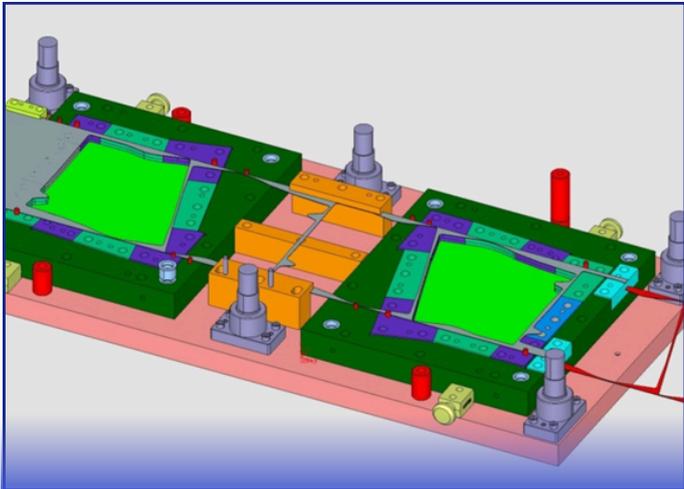
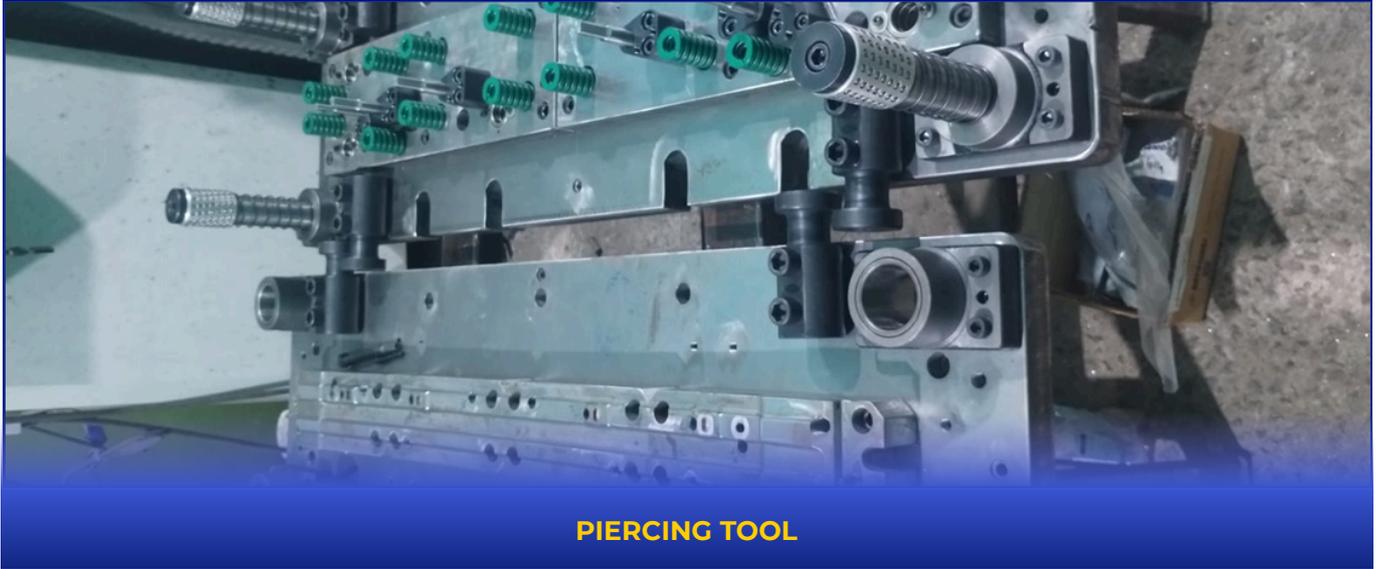
PRESS TOOLS - 1

GOALTECH Industries designs and manufactures precision press tools for sheet metal forming operations. These tools are developed to achieve accurate material flow, consistent shape formation, and high repeatability, making them suitable for automotive and industrial sheet metal components.

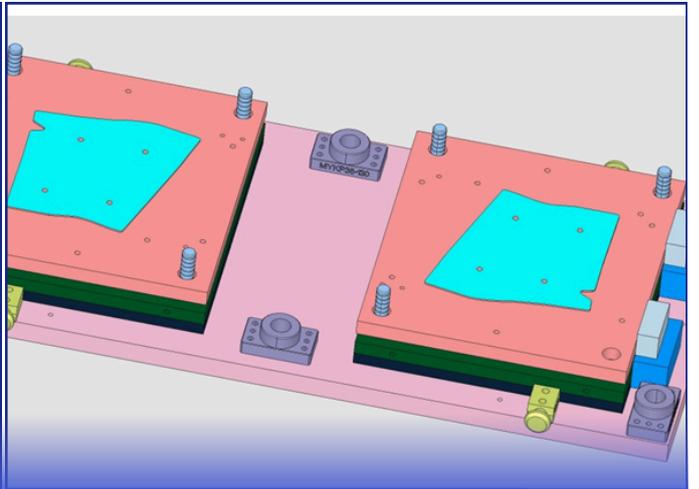


The top and bottom tool configuration ensures proper alignment, uniform thickness distribution, and dimensional accuracy, enabling reliable production of formed sheet metal components.

PRESS TOOLS - 2

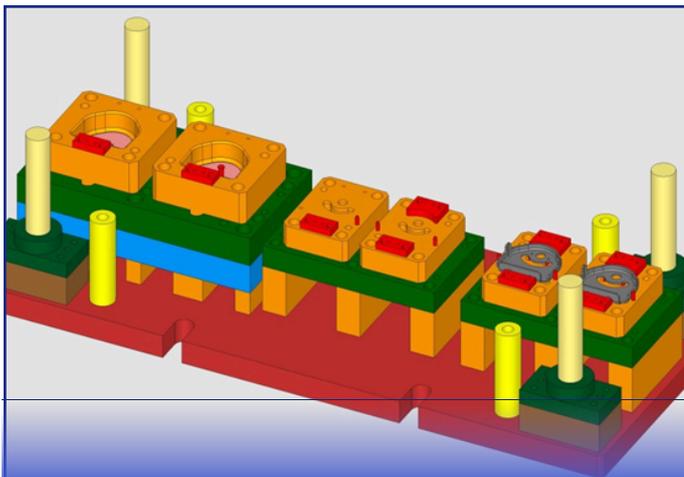


(BOTTOM)

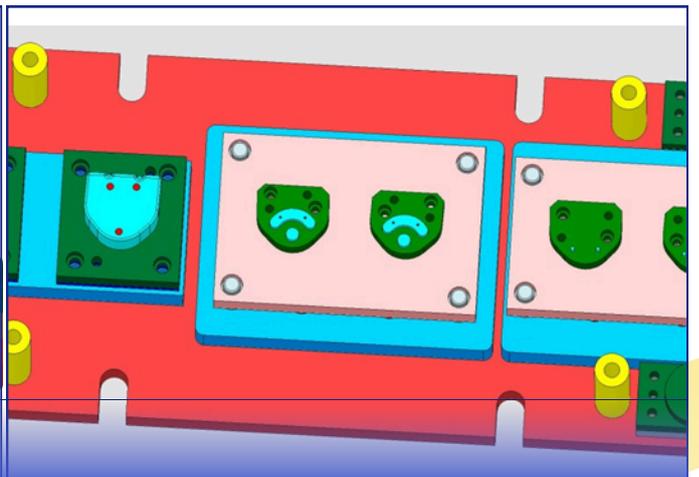


(TOP)

BLANKING TOOL
TOOL SIZE: 1500 × 750 mm



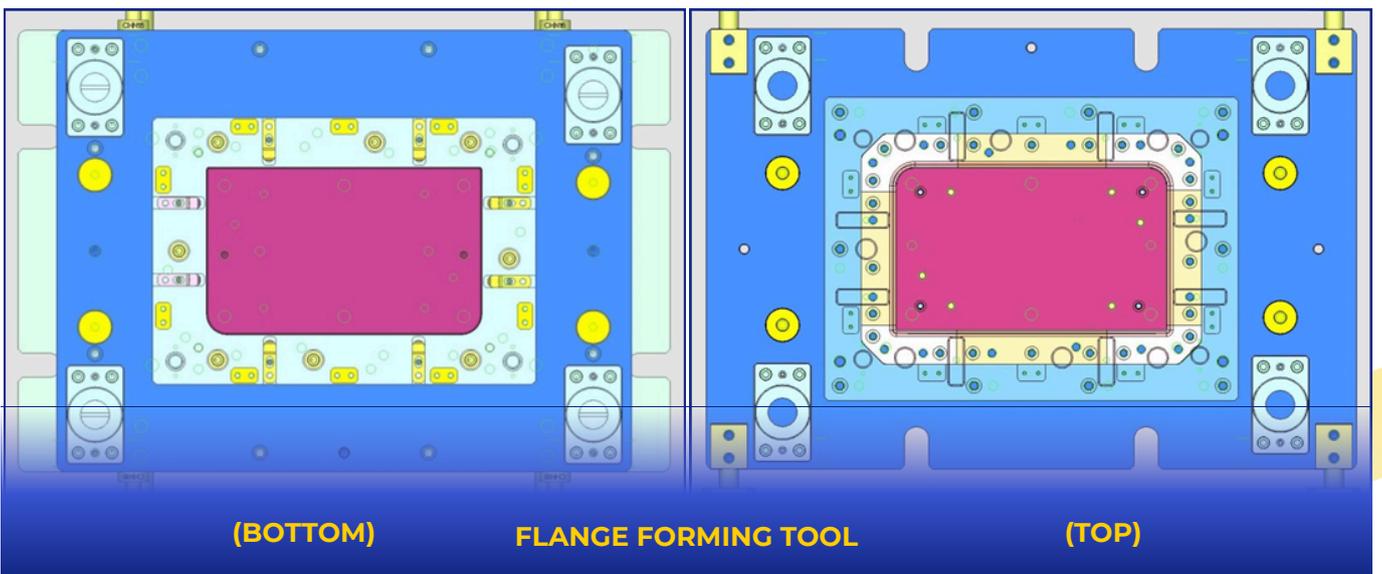
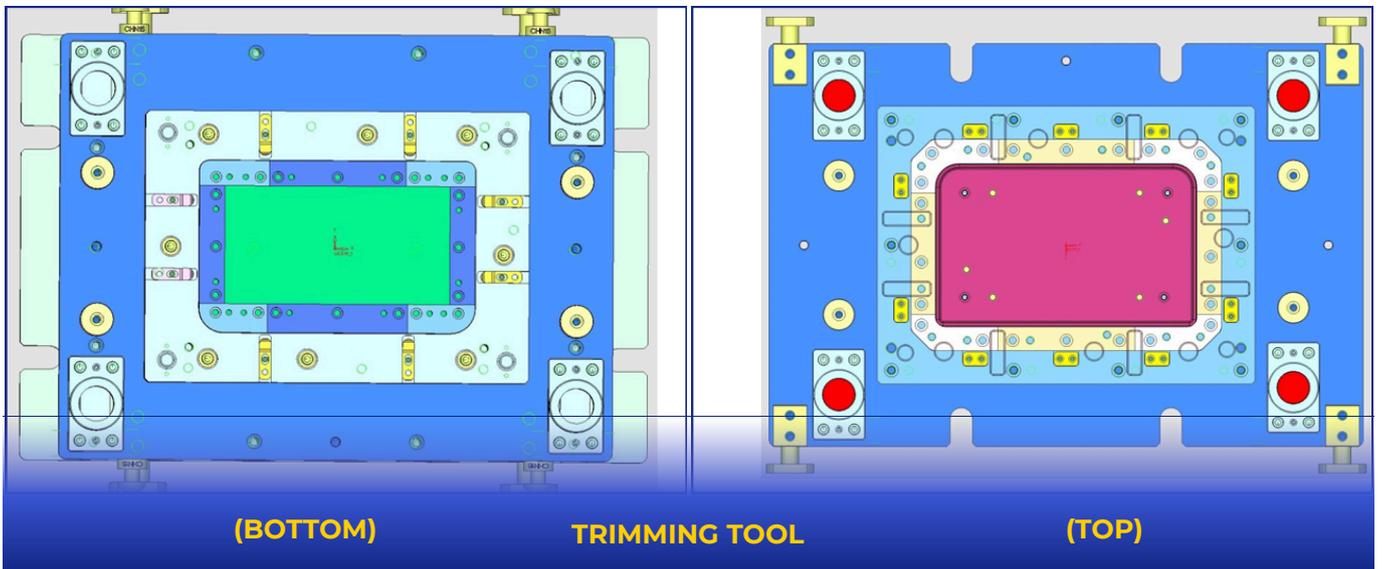
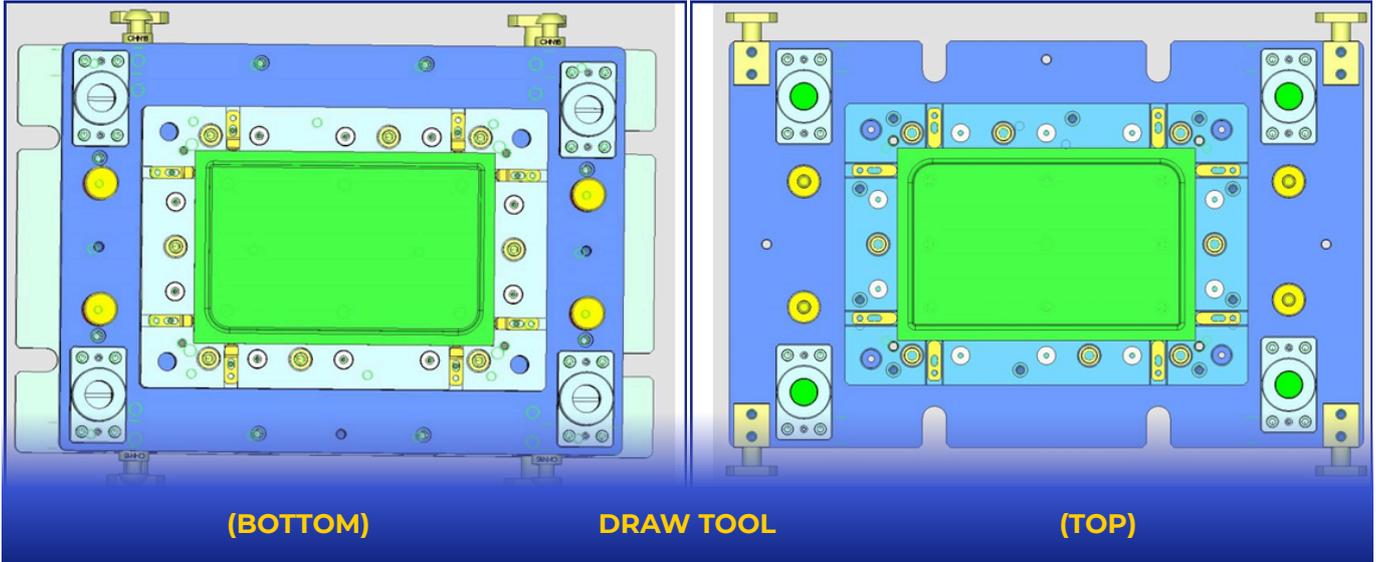
(BOTTOM)



(TOP)

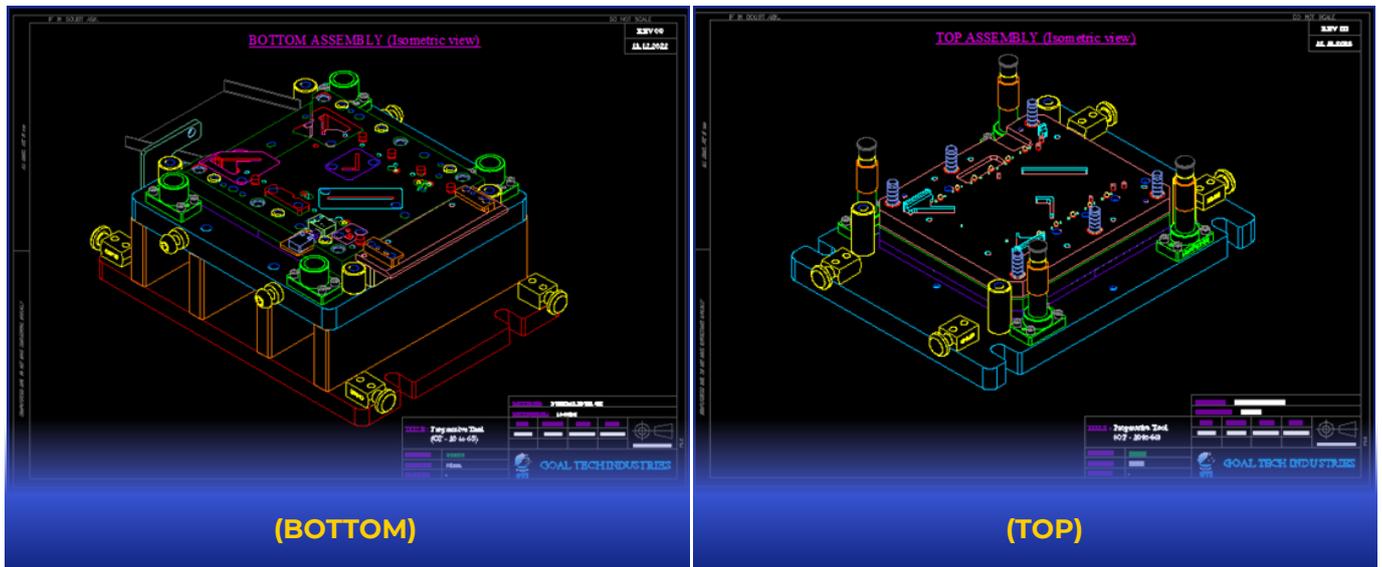
STAGE TOOL
TOOL SIZE: 1200 × 500 mm

PRESS TOOLS - 3



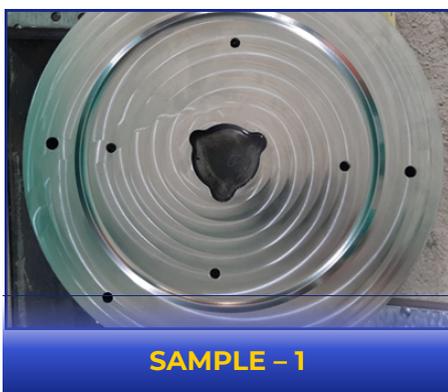
PROGRESSIVE TOOLS

GOALTECH Industries designs and manufactures progressive tools for high-volume sheet metal component production. These tools perform multiple operations in a single press stroke, ensuring consistent part quality, reduced cycle time, and efficient material utilization.



DIE & PUNCH – SAMPLES

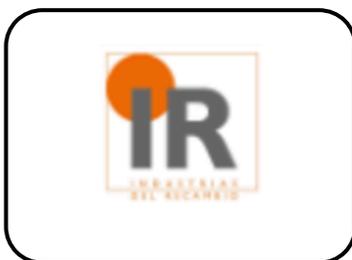
GOALTECH Industries manufactures precision dies and punches used for cutting, forming, and shaping sheet metal components. These tools are engineered for dimensional accuracy, wear resistance, and long service life in demanding production environments.





OUR CUSTOMERS

GOALTECH Industries serves a diverse customer base across automotive and engineering sectors. We work closely with our customers to deliver reliable tooling solutions, precision components, and consistent quality that meet their production and performance requirements.





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This company profile is intended to provide an overview of **GOALTECH Industries**, its capabilities, and services. For business inquiries, partnerships, or further information, please contact us using the details provided in this document.

