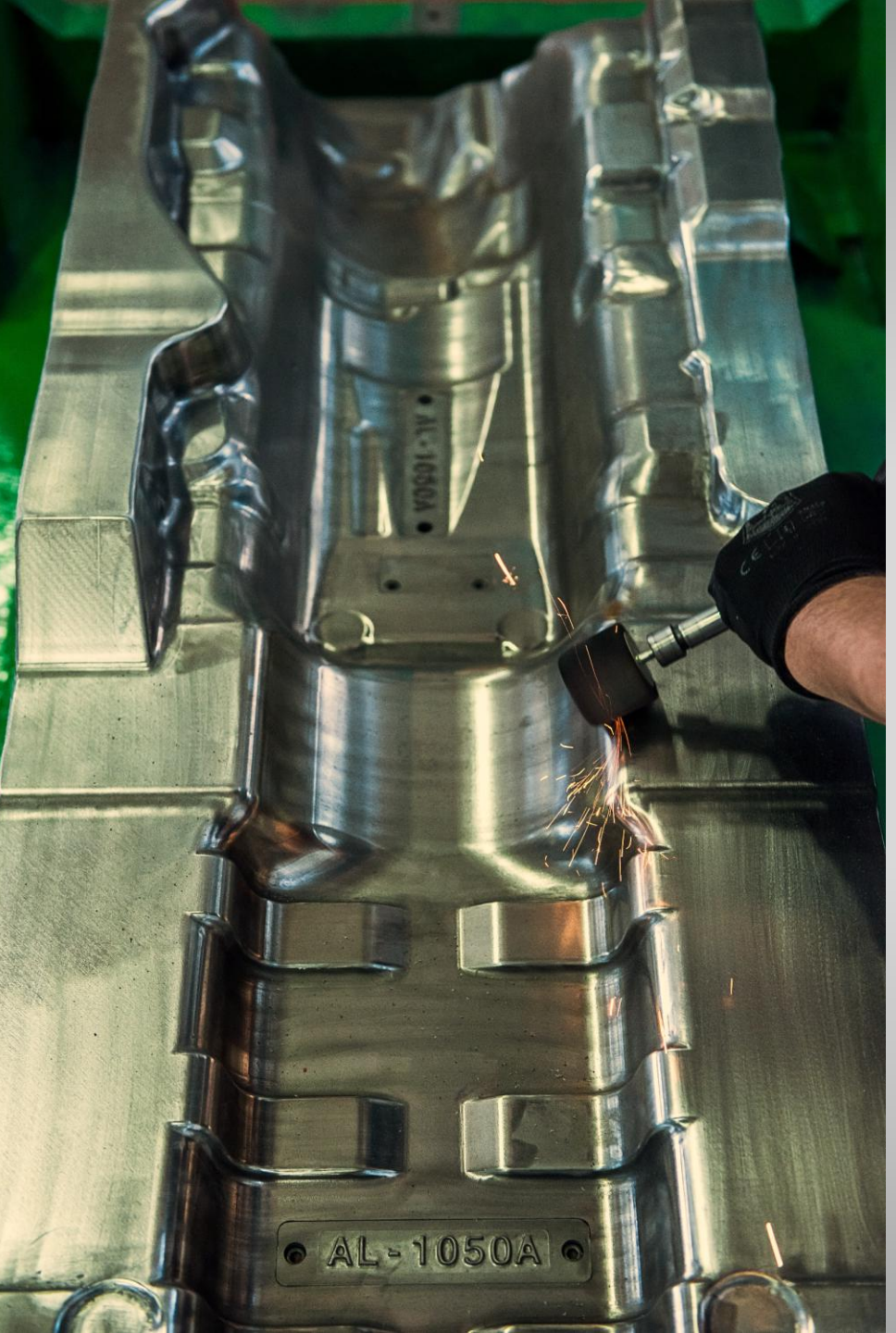
www.profixtooling.com

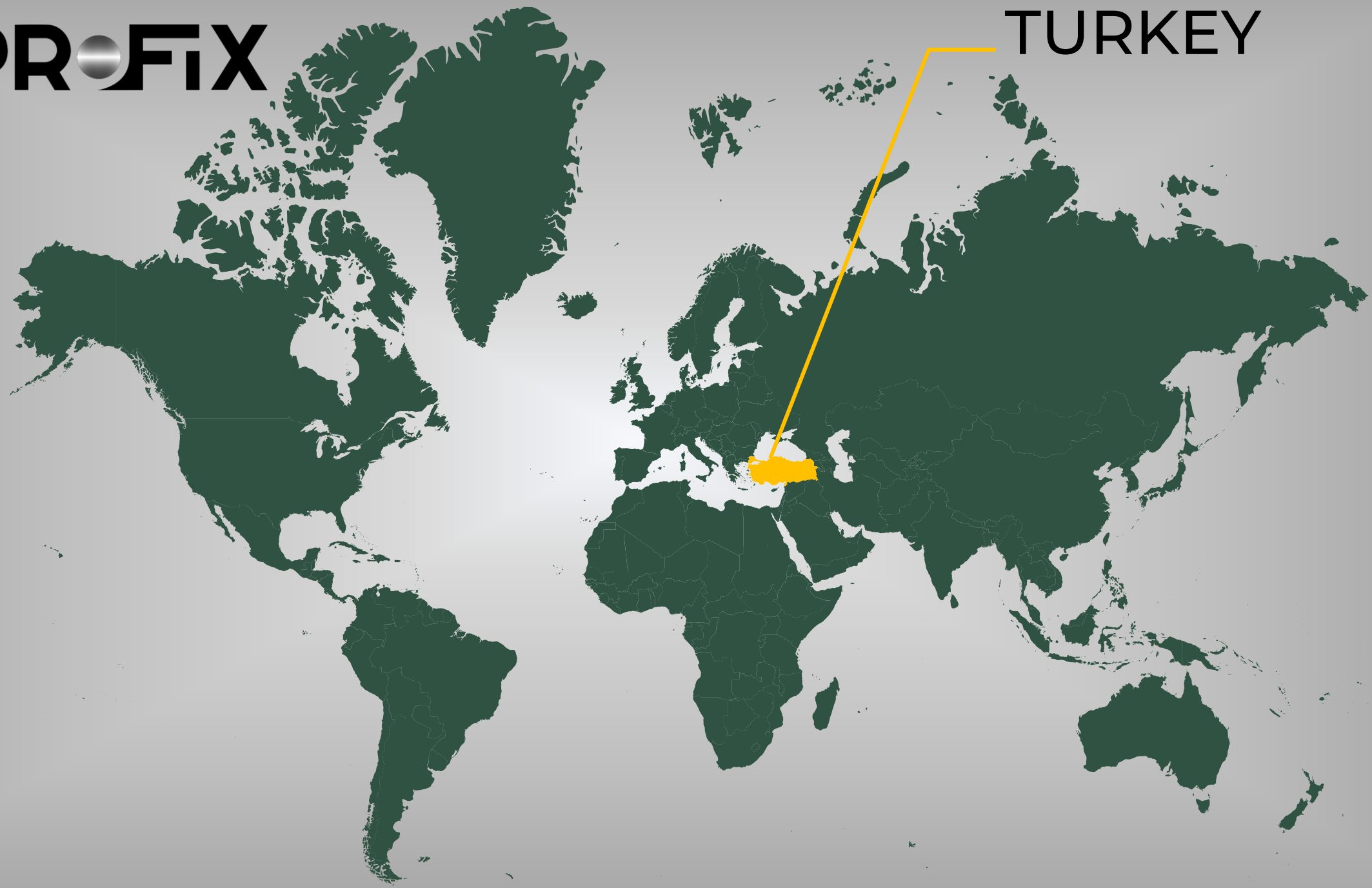


PROFIX

Profix Engineering is a precision manufacturing company established in 2024 in Bursa, Turkey. Backed by over 35 years of technical and field expertise in the automotive, aerospace, and defense industries, the company operates in a 1,600 m² closed facility, offering integrated design and production services.

www.profixtooling.com

PROFIX



PROFIX

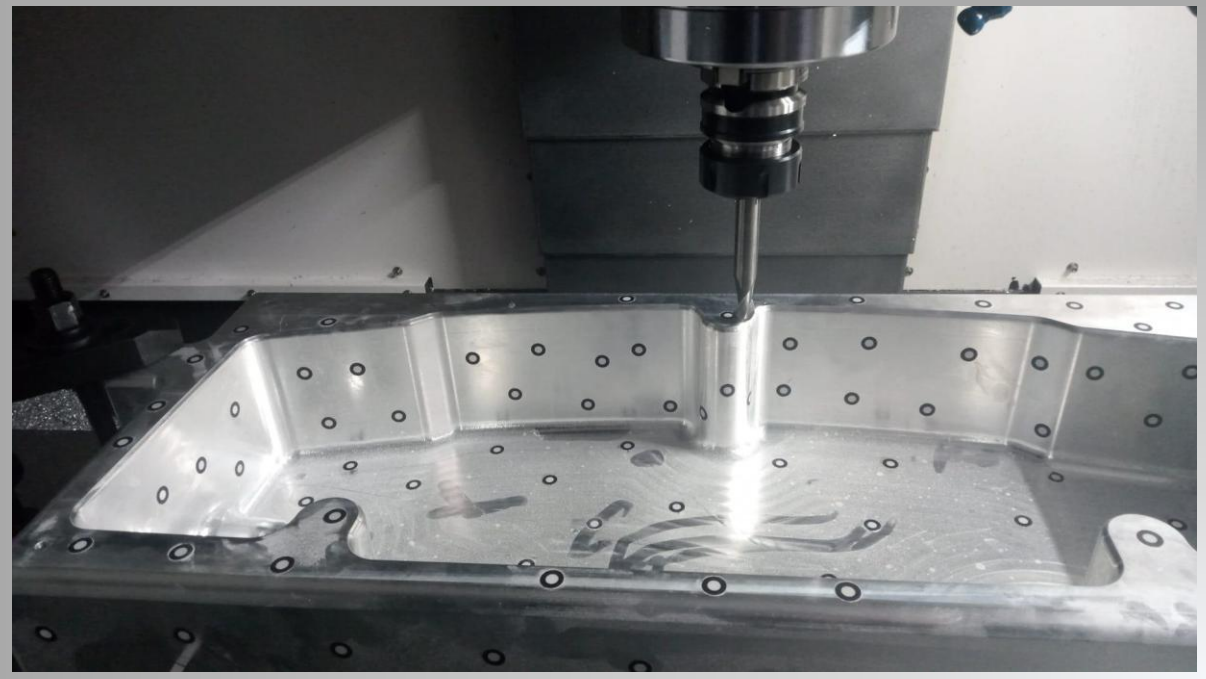
Foundation	: 2024
Closed Area	: 1600 m²
Design Capacity	: 3.000 Hours / Year
Sofware	: Catia

AVIATION INDUSTRY

SOLUTIONS

Profix Engineer provides precision-machined aerospace parts with full compliance to industry standards, offering flexible and scalable solutions for leading aviation platforms.

PROFIX



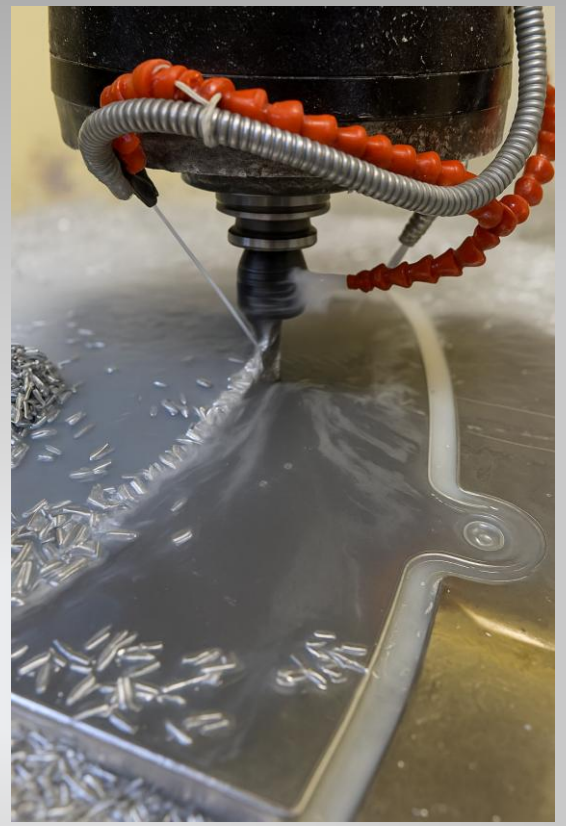
TOOL MANUFACTURING FOR AVIATION

Profix Engineer provides precision CNC machining solutions for aerospace-grade aluminum components used in commercial aircraft programs.
With extensive experience as a Tier 2 subcontractor for suppliers involved in Airbus and Boeing platforms, we deliver:

- Structural and bracket parts from 2000 and 7000 series aluminum alloys
- Tight-tolerance milling and turning with certified quality processes
- Full traceability and documentation aligned with aerospace standards
- Mid- to high-volume serial production capability
- Advanced surface finishing and inspection methods

Our agile production model supports both prototyping and large-scale contracts, meeting the rigorous demands of the aerospace supply chain.

PROFIX



Structural Frame Rough Machining for Aerospace Applications

Profix Engineer performs the rough machining of aluminum structural frames used in commercial and military aircraft. These frames, which form the internal skeletal structure of the fuselage, require dimensional accuracy and thermal stability during early-stage machining.

Our CNC operations are tailored to remove excess material efficiently while preserving structural integrity and geometry for further aerospace processing. Profix Engineer's precise and repeatable processes ensure compliance with aerospace-grade tolerances and traceability requirements in preparation for final machining and assembly stages.

PROFIX

Avionic Mounting Panels & Equipment Support Plates

Profix Engineer machines ultra-flat aluminum panels used in avionic systems and equipment mounting zones within commercial aircraft structures. These parts require exceptional surface quality, tight flatness tolerances, and precise hole patterns to support electronic modules safely and reliably.
Our high-speed CNC milling processes ensure consistent quality across complex geometries and delicate geometrical features. With our expertise, we help ensure operational reliability in the most critical zones of the aircraft interior.

PROFIX

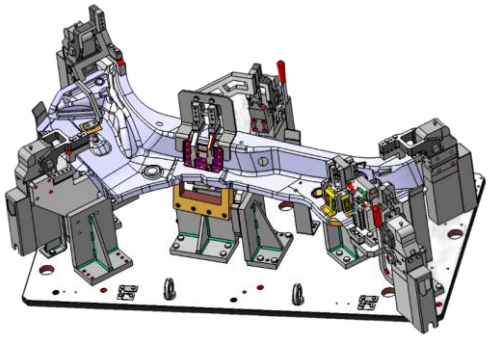
FIXTURES

MANUFACTURING

Profix Engineering specializes in the design and production of high-precision fixtures tailored to the unique requirements of modern manufacturing. We combine technical excellence with innovative design to deliver durable, reliable, and process-optimized solutions that support accuracy and efficiency on the shop floor.

PROFIX

PROFIX



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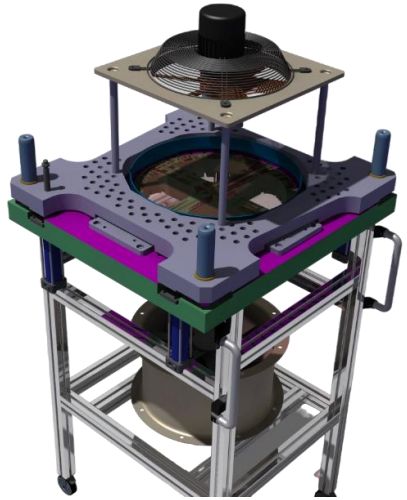

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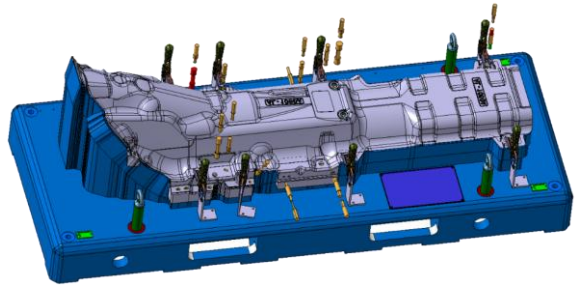

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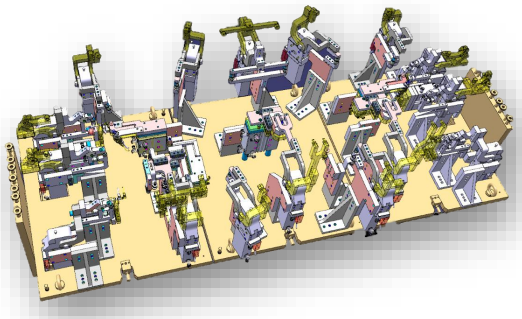


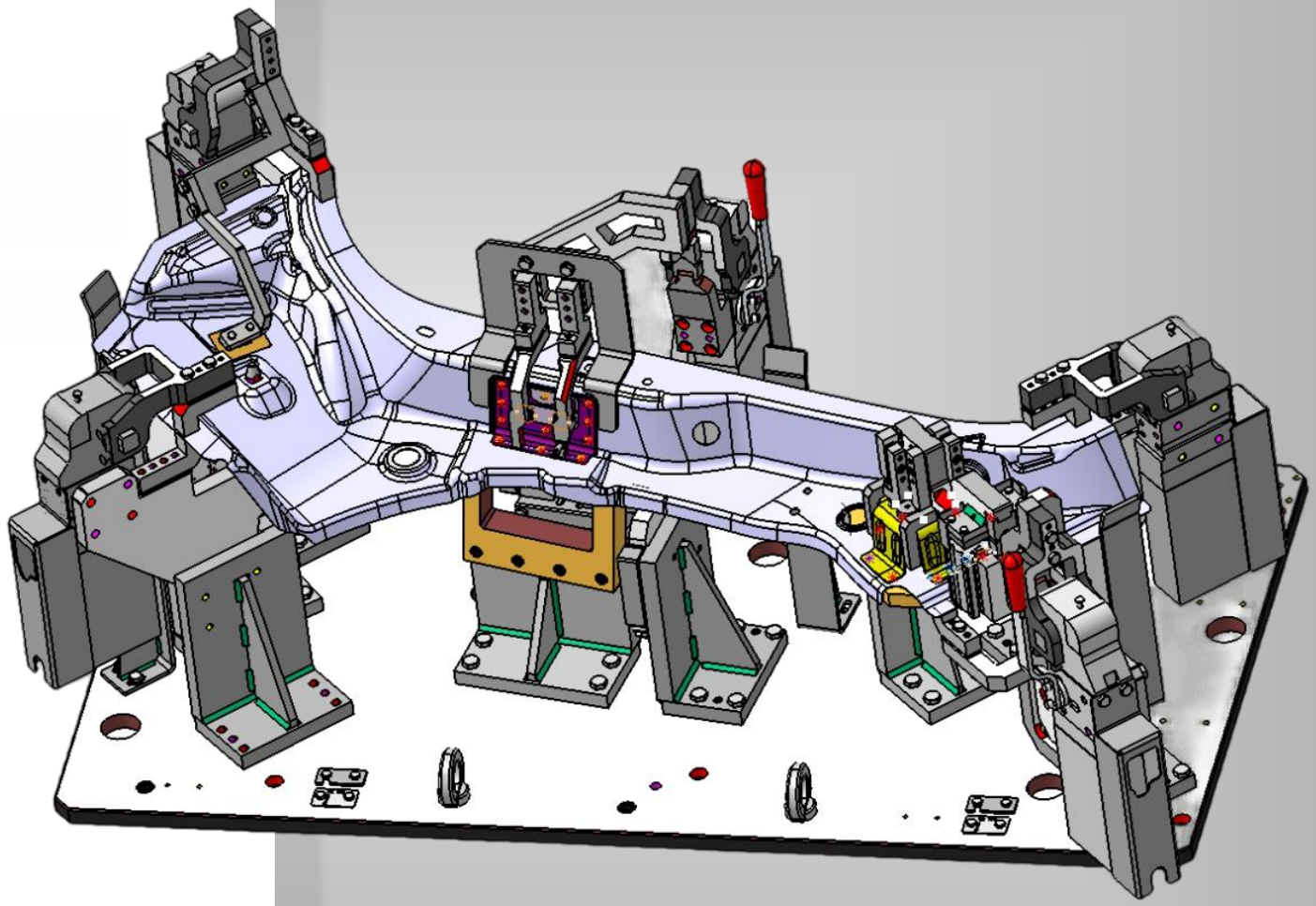
DETAILS

PROFIX

Welding Fixtures

Precise alignment and stability.

Profix Engineer designs welding fixtures to ensure accurate part positioning, secure clamping, and repeatable welding quality in high-volume production.

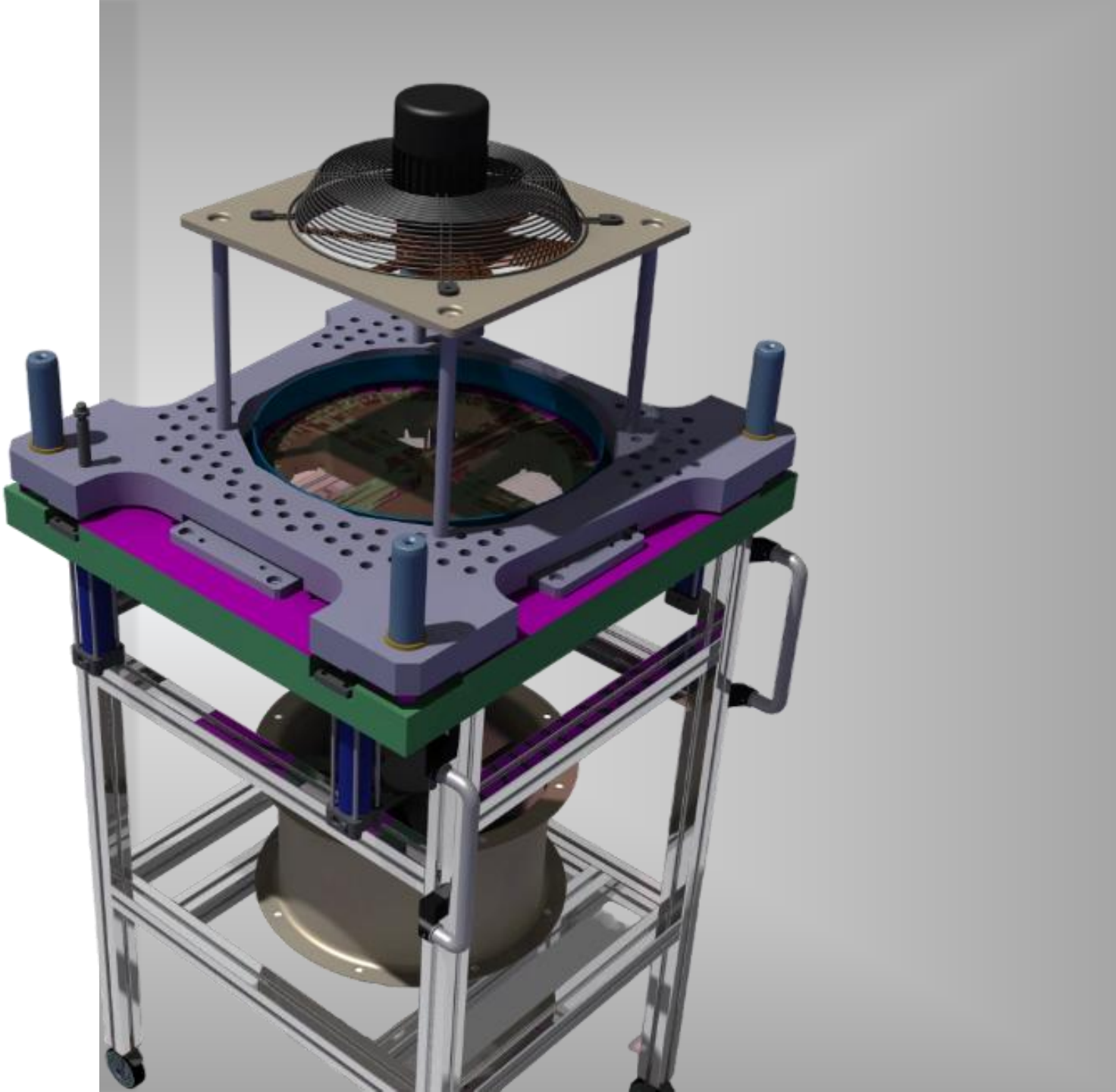


PROFIX

Machining Fixtures

Optimized for accuracy and rigidity.

Our machining fixtures are engineered for stable clamping and repeatable precision, minimizing vibration and maximizing tool performance during CNC operations.

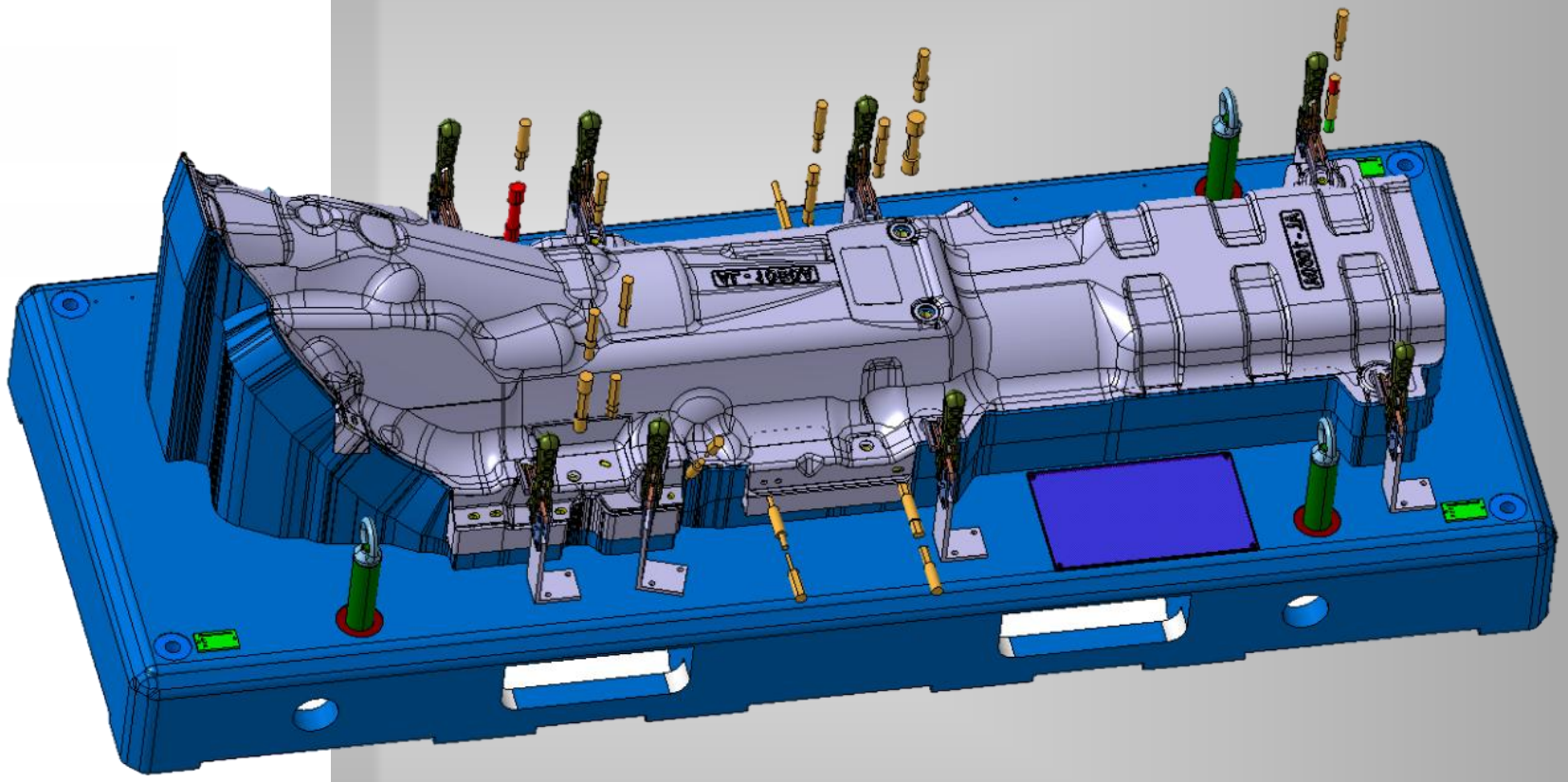


PROFIX

Assembly Fixtures

Efficient assembly support.

We produce custom assembly fixtures that simplify complex assembly steps, ensure dimensional accuracy, and reduce operator dependency.

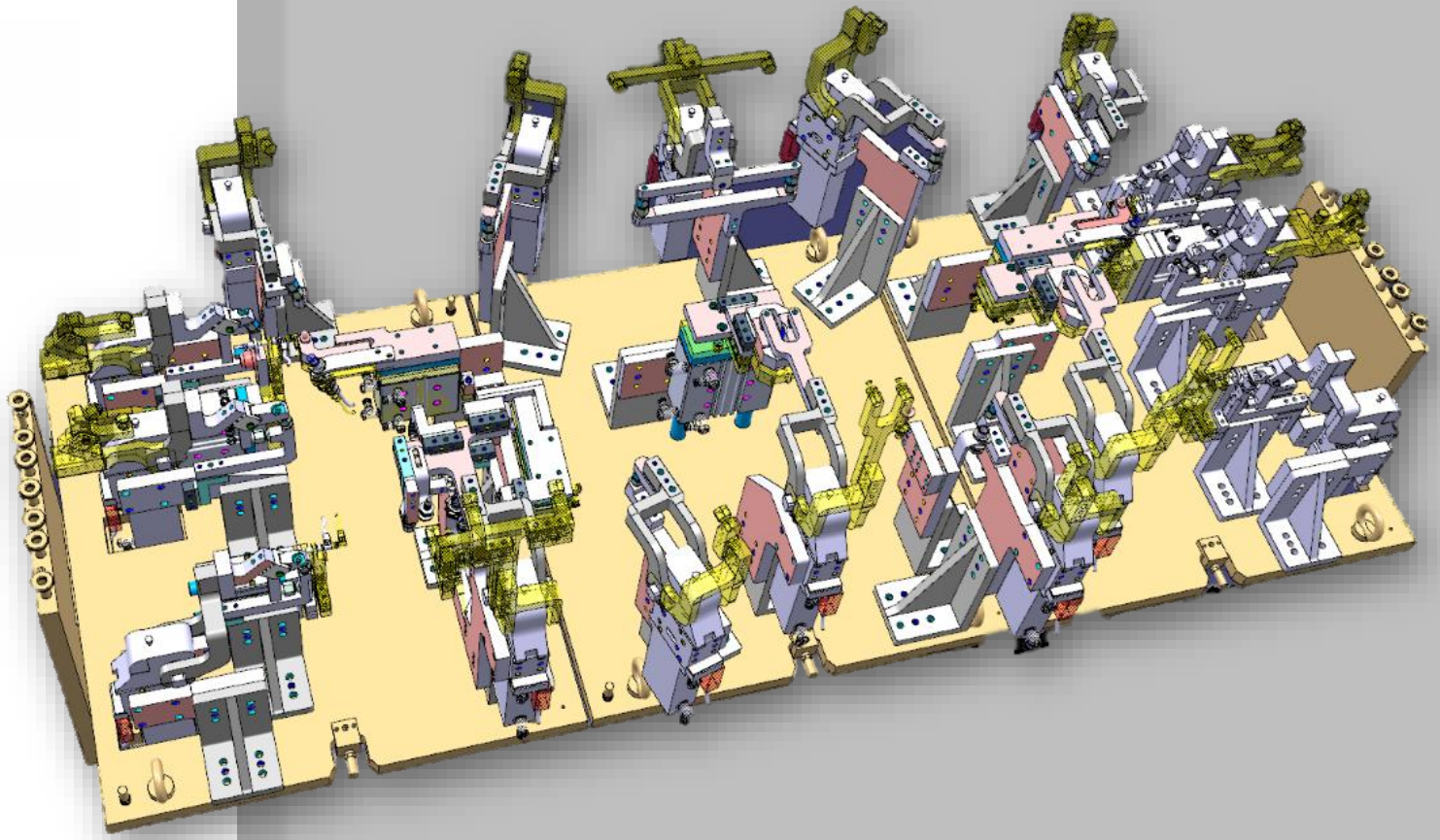


PROFIX

Inspection Fixtures

Reliable quality control.

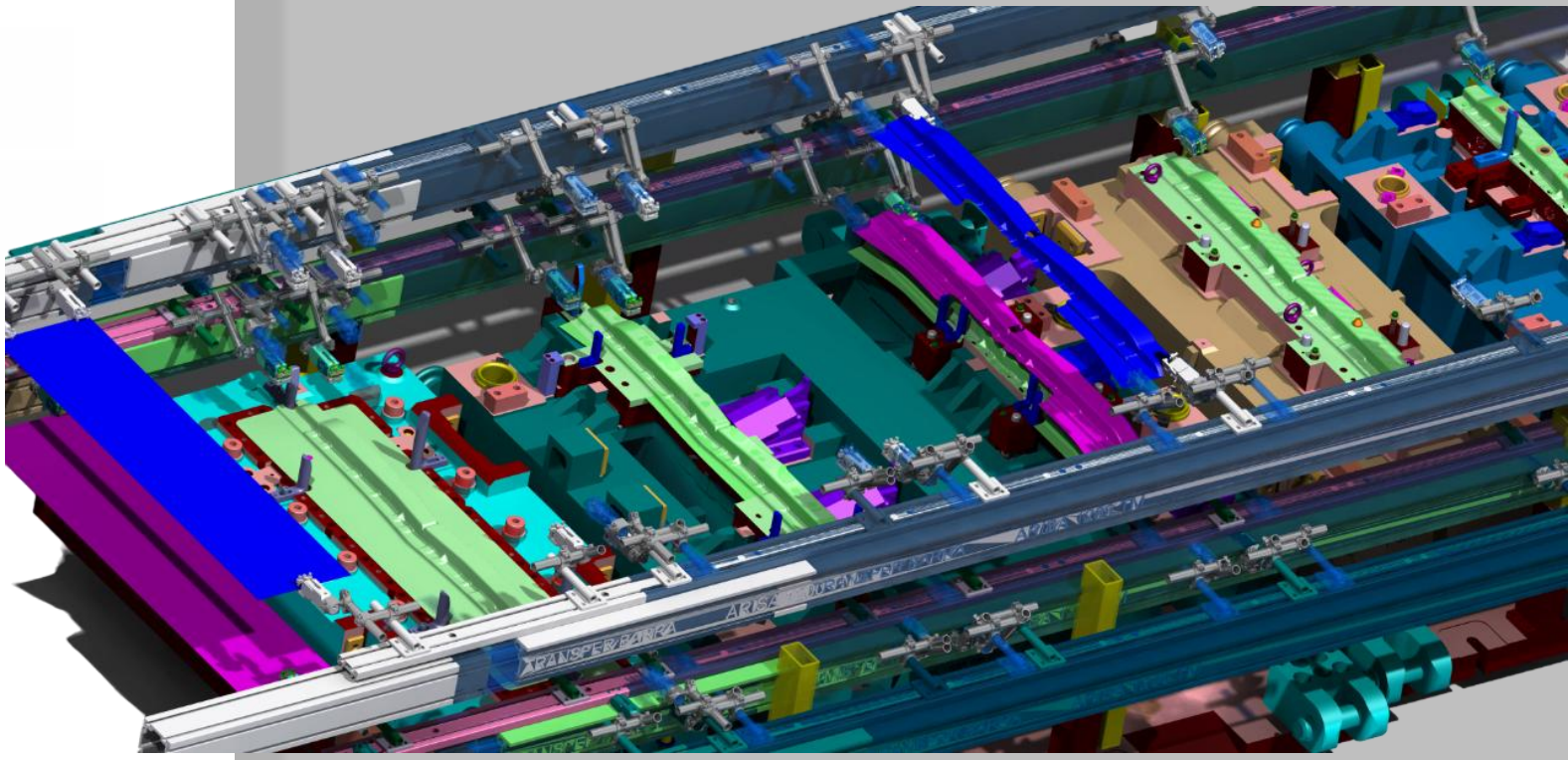
Our inspection fixtures enable quick and consistent part verification, supporting efficient quality control and reducing inspection cycle times.



Transfer Fingers

Precision transfer solutions for press automation.

Profix Engineer designs and manufactures durable, lightweight, and high-precision transfer fingers for automated press lines. Our custom-engineered solutions ensure reliable part handling, reduced cycle times, and improved productivity across transfer systems.



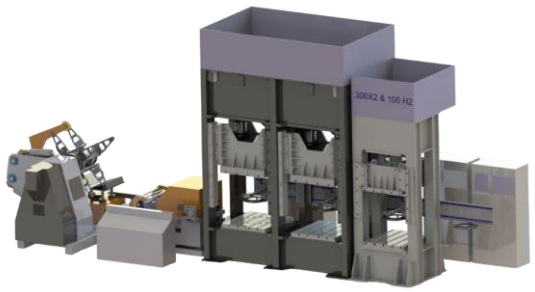
MACHINE

MANUFACTURING

Profix Engineering specializes in the design and manufacturing of custom machines, fixtures, and automation systems tailored to client-specific production needs. Our experienced engineering team delivers turnkey solutions that enhance precision, efficiency, and repeatability in industrial operations.

PROFIX

PROFIX



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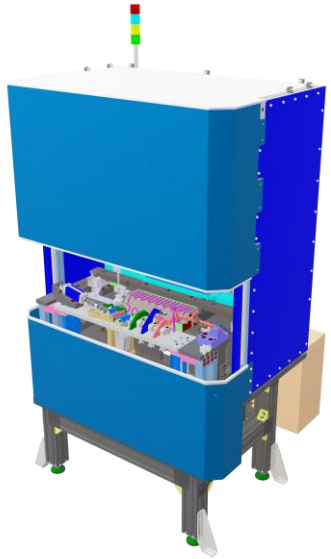

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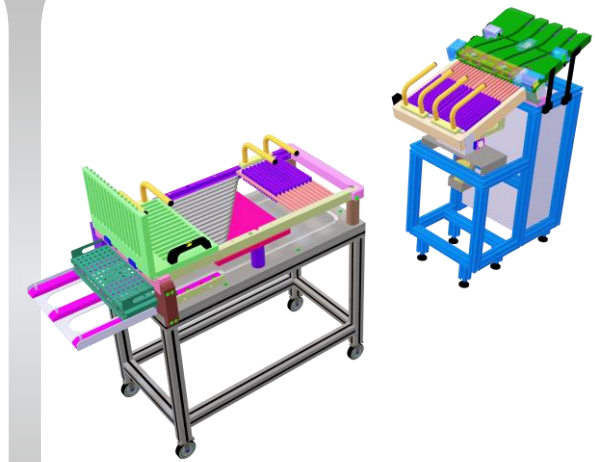

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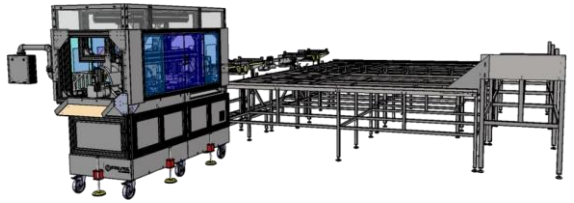


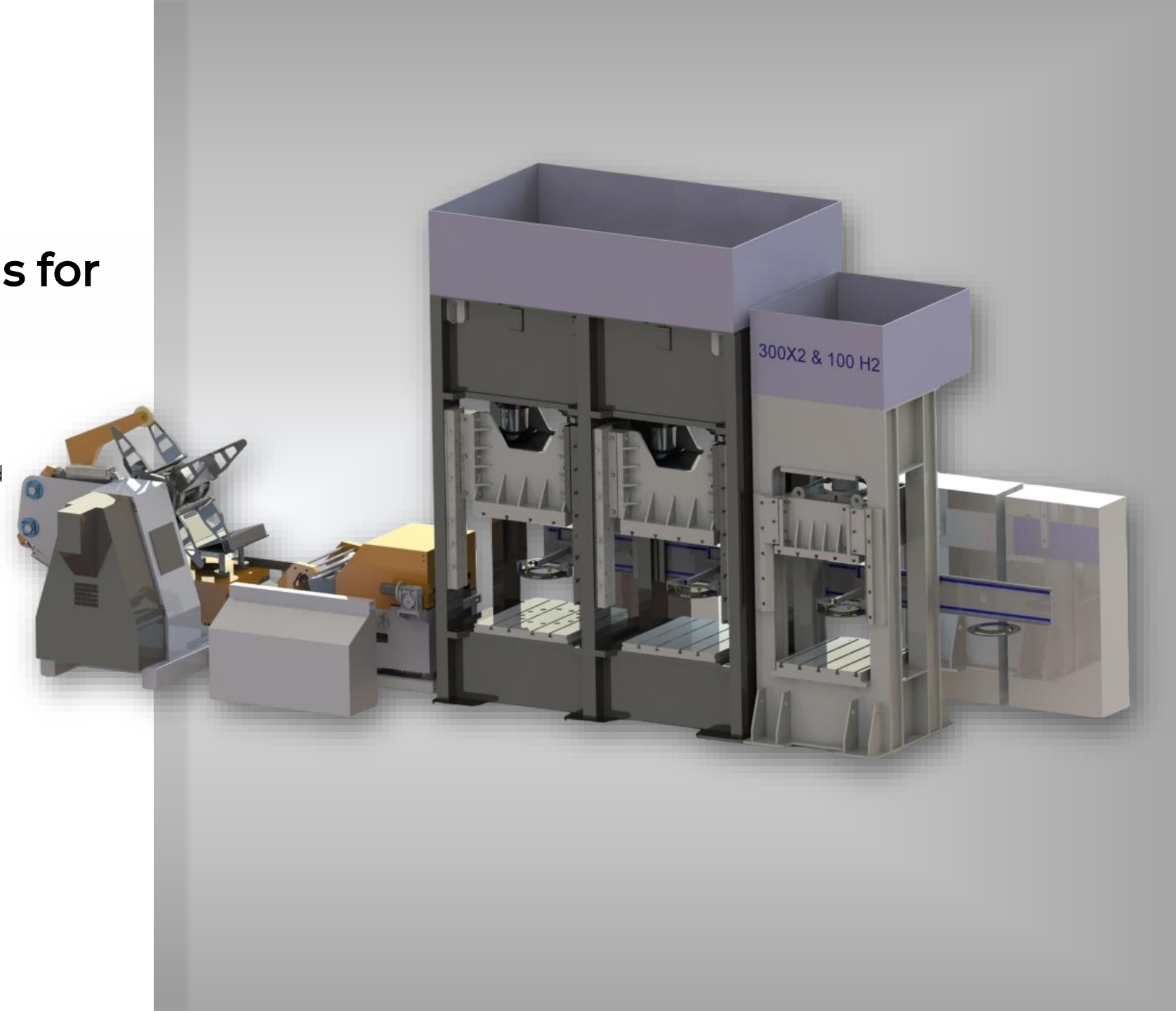
DETAILS

MACHINES

PROFIX

Custom Machine Solutions for Industrial Excellence

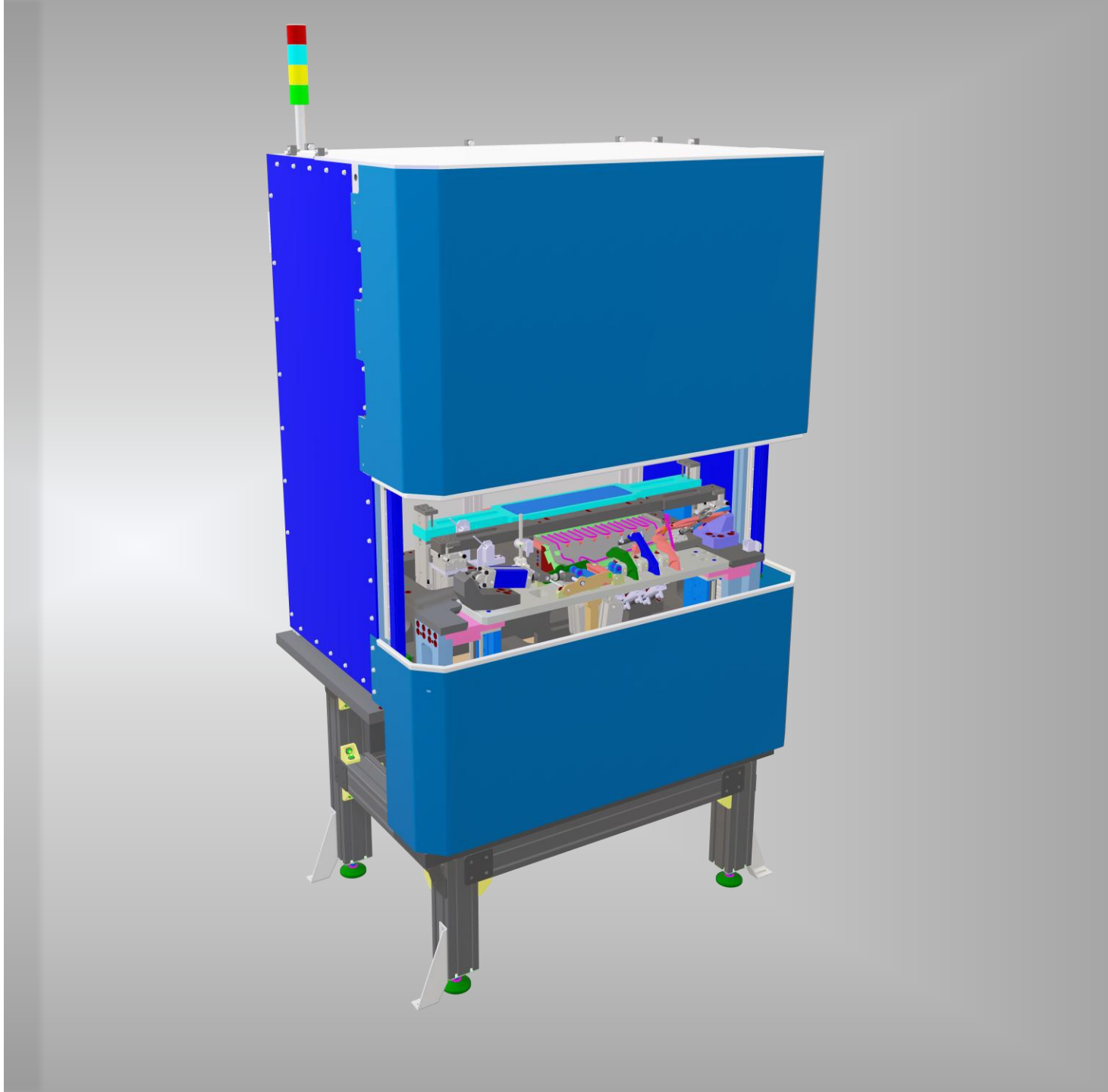
Profix Engineering designs and manufactures tailor-made machines that ensure precision, durability, and efficiency. From concept to commissioning, we deliver smart solutions that help our clients reduce costs and boost production performance.



PROFIX

Innovative Engineering for Precision Manufacturing

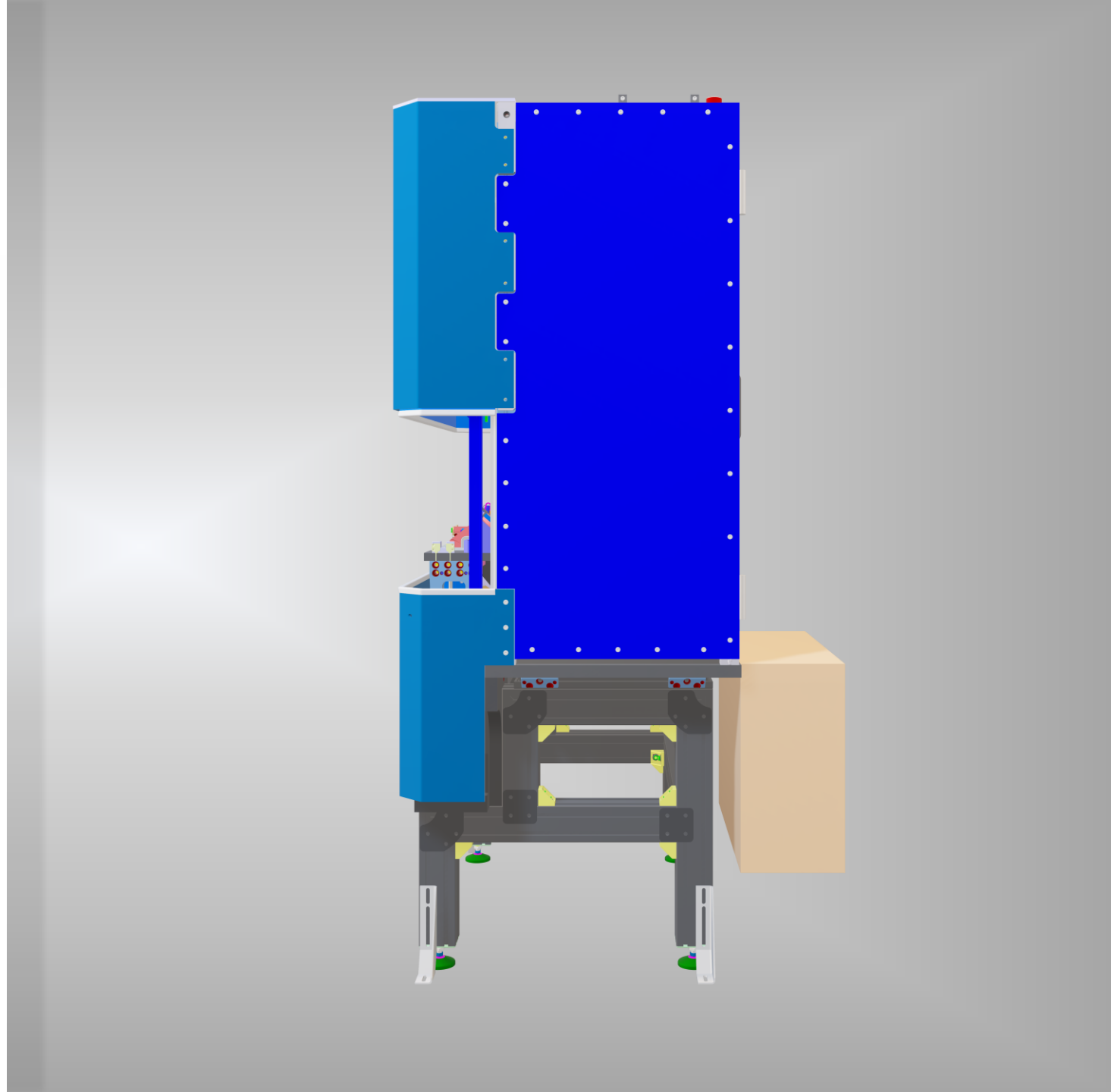
Profix Engineering delivers durable, high-performance machines tailored to modern industrial needs. Backed by expert engineers and a customer-focused mindset, we help businesses enhance productivity and maintain a competitive advantage through precision-driven solutions.



PROFIX

Smart Machines for a Smarter Industry

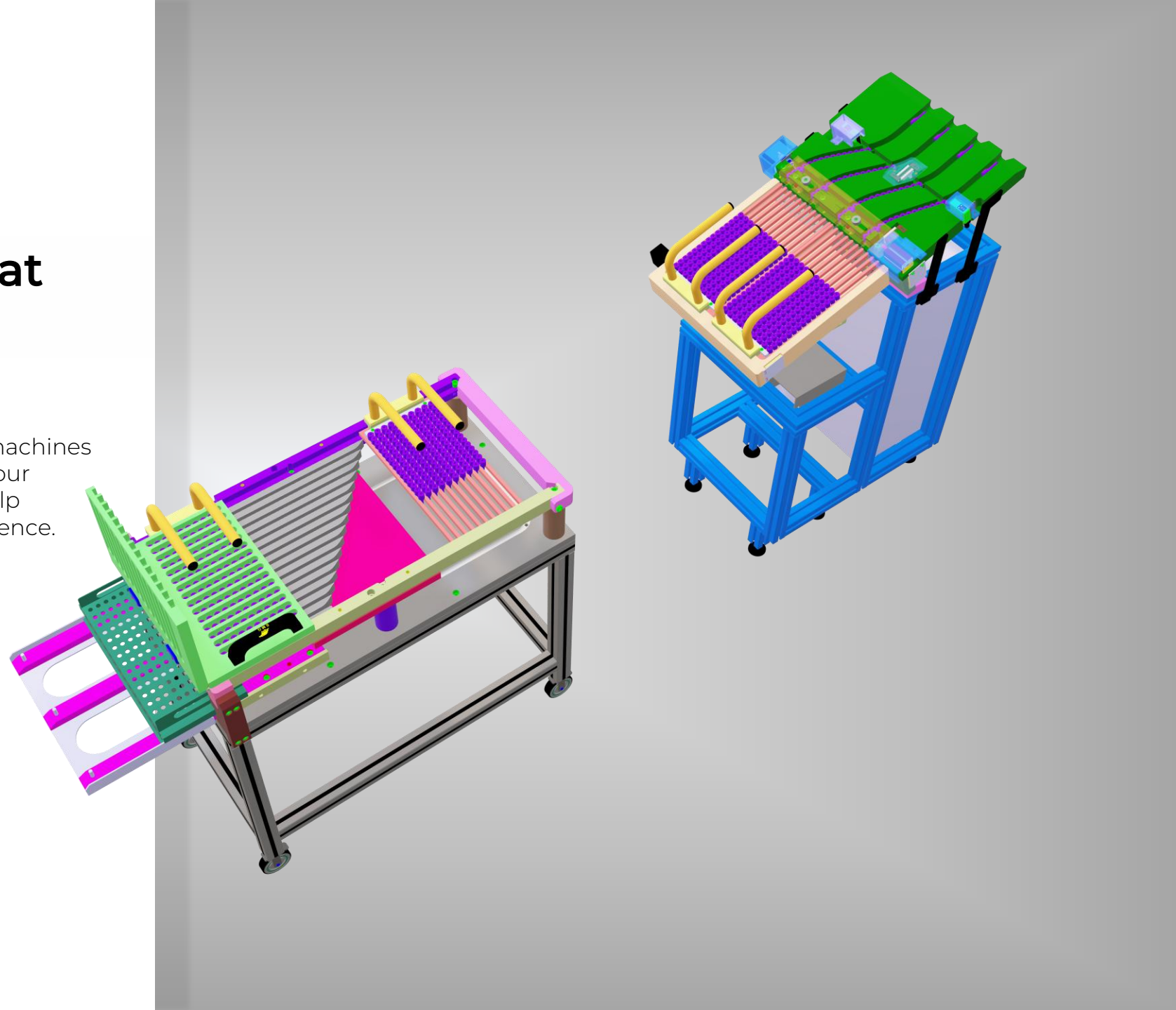
Profix Engineering develops precision-engineered machines that combine durability, high performance, and operational efficiency. With our expert team and customer-driven mindset, we help modern industries lead with innovation and productivity.



PROFIX

Engineering Machines That Lead the Industry

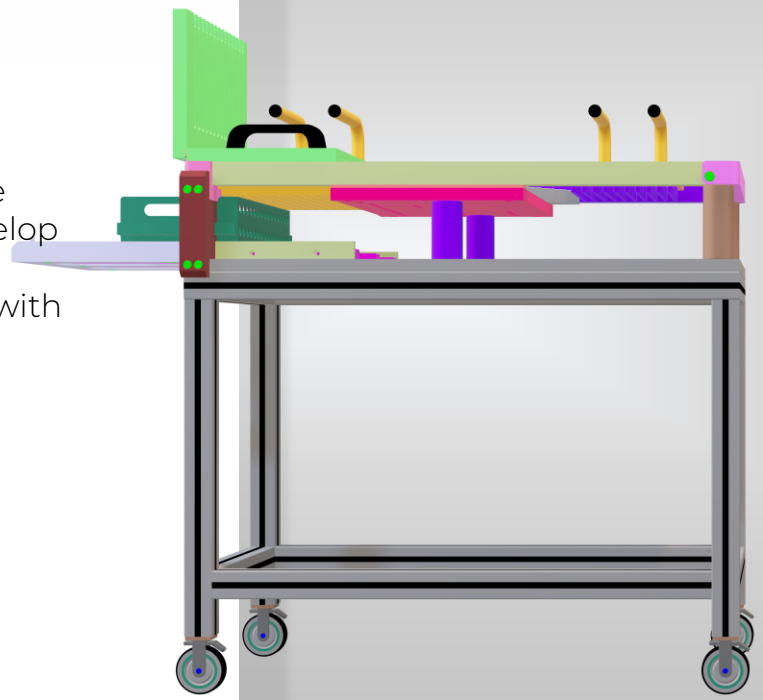
Profix Engineering delivers innovative and durable machines designed for high performance and efficiency. With our expert team and customer-focused approach, we help businesses optimize operations and lead with confidence.

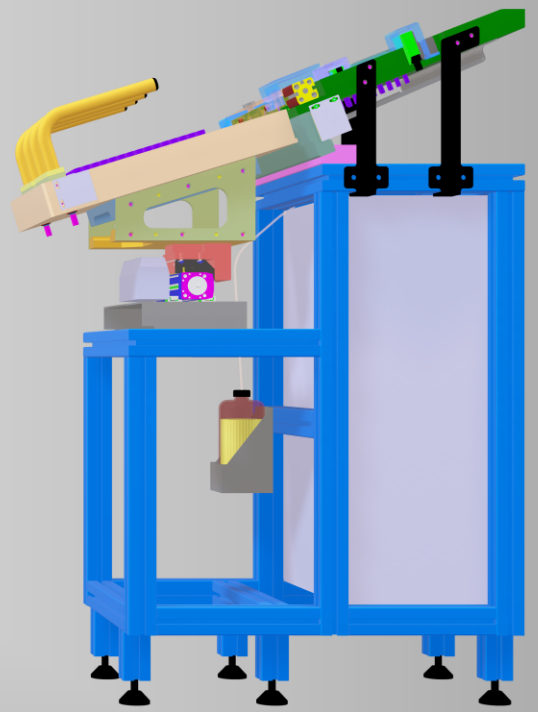


PROFIX

Precision Machines for Evolving Industries

Profix Engineering pioneers high-quality, innovative machine manufacturing. Our expert engineers develop durable, high-performance systems tailored to your operational needs—helping you lead your industry with efficiency and confidence.

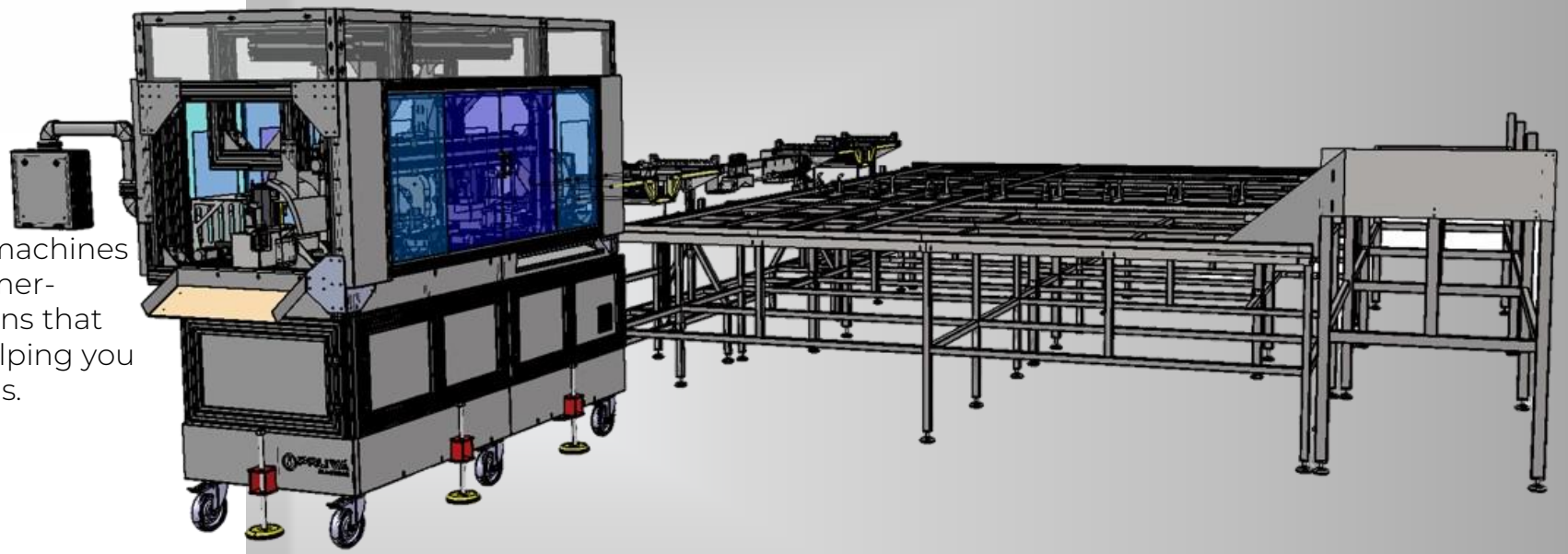




PROFIX

Innovative Machines for Industrial Performance

Profix Engineering delivers durable and efficient machines built through meticulous engineering. Our customer-focused approach and expert team ensure solutions that meet the evolving needs of today's industries—helping you lead with confidence and optimize your operations.



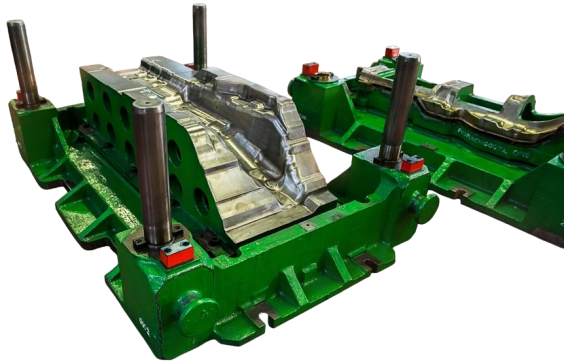
SHEET METAL DIE

MANUFACTURING

Profix Engineer has extensive experience in the design and manufacturing of sheet metal dies, including progressive, tandem, and transfer types. We deliver customized, high-precision tooling that ensures repeatable quality and optimal production performance.

PROFIX

PROFIX



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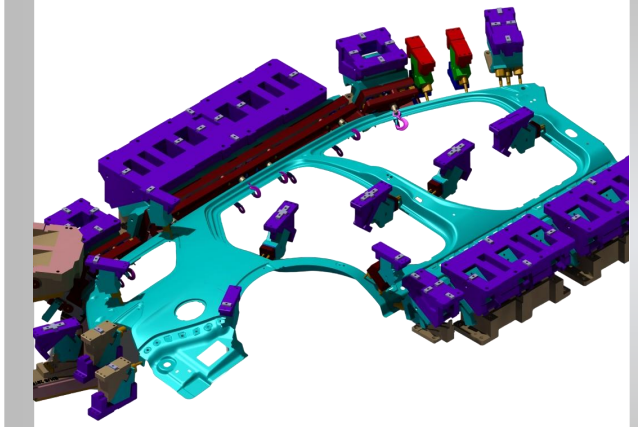

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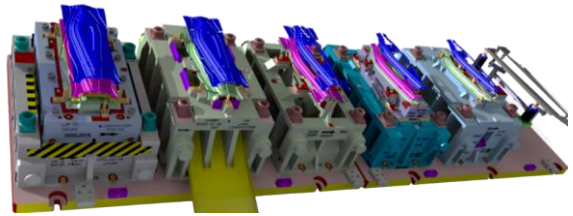

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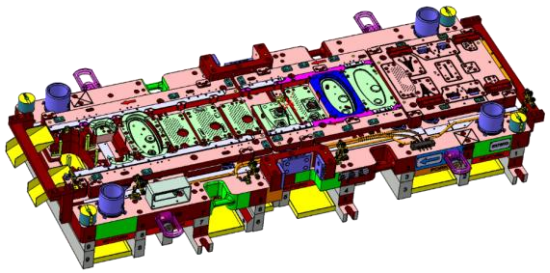


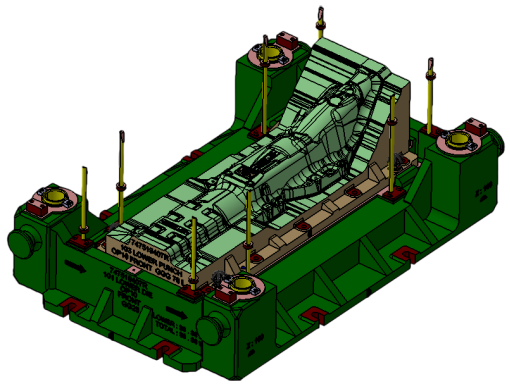
DETAILS

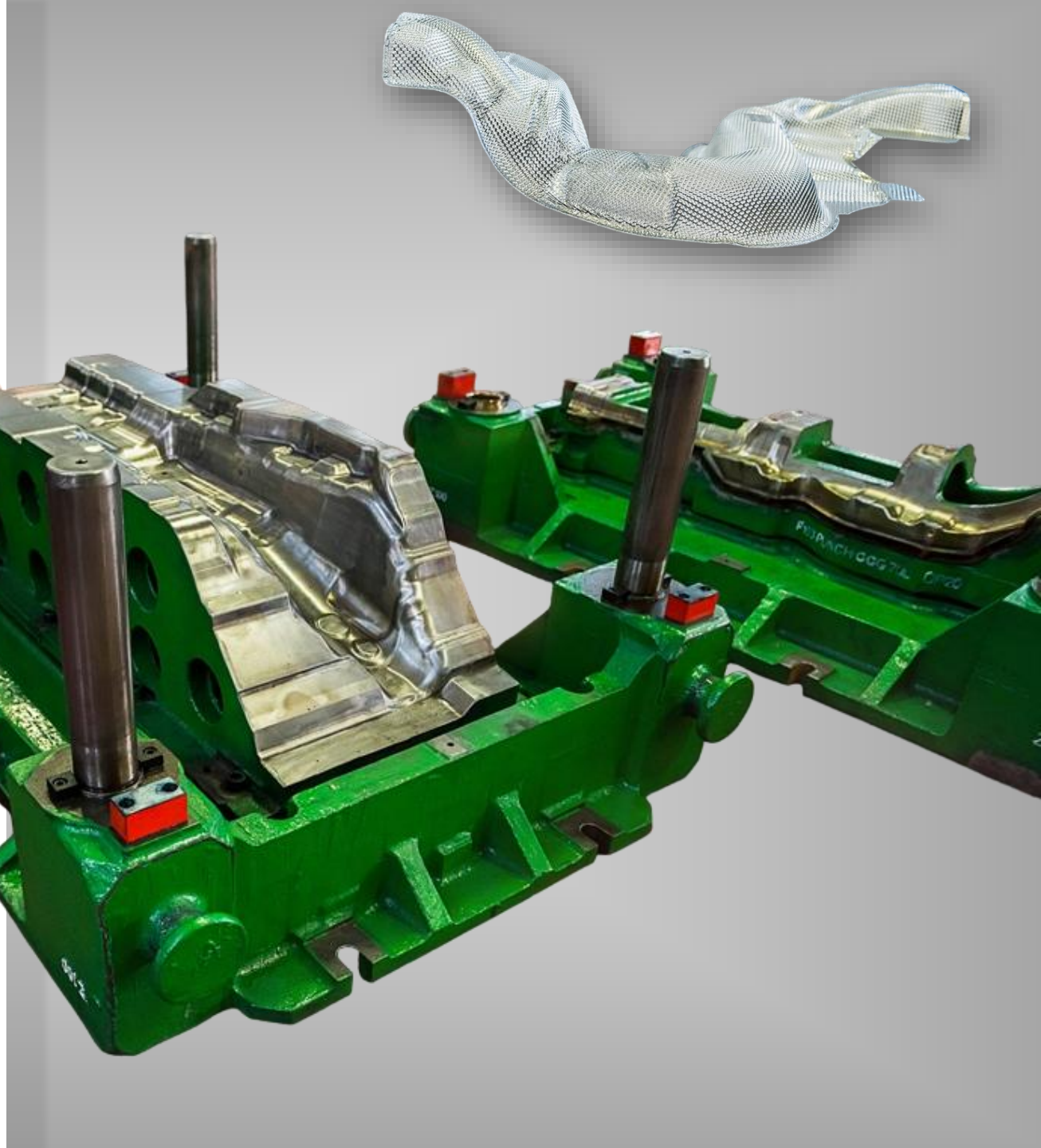
DIES

PROFIX

HEAT SHIELD

Profix Engineer designs and manufactures high-quality heat shield forming tools for automotive and industrial applications. Our engineering approach ensures durability, thermal resistance, and precise forming results—optimizing both tool life and part performance.

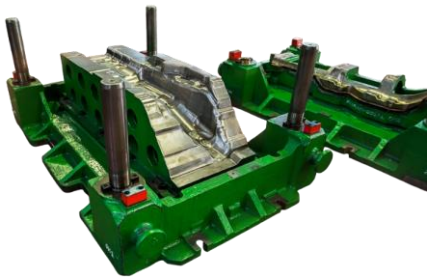


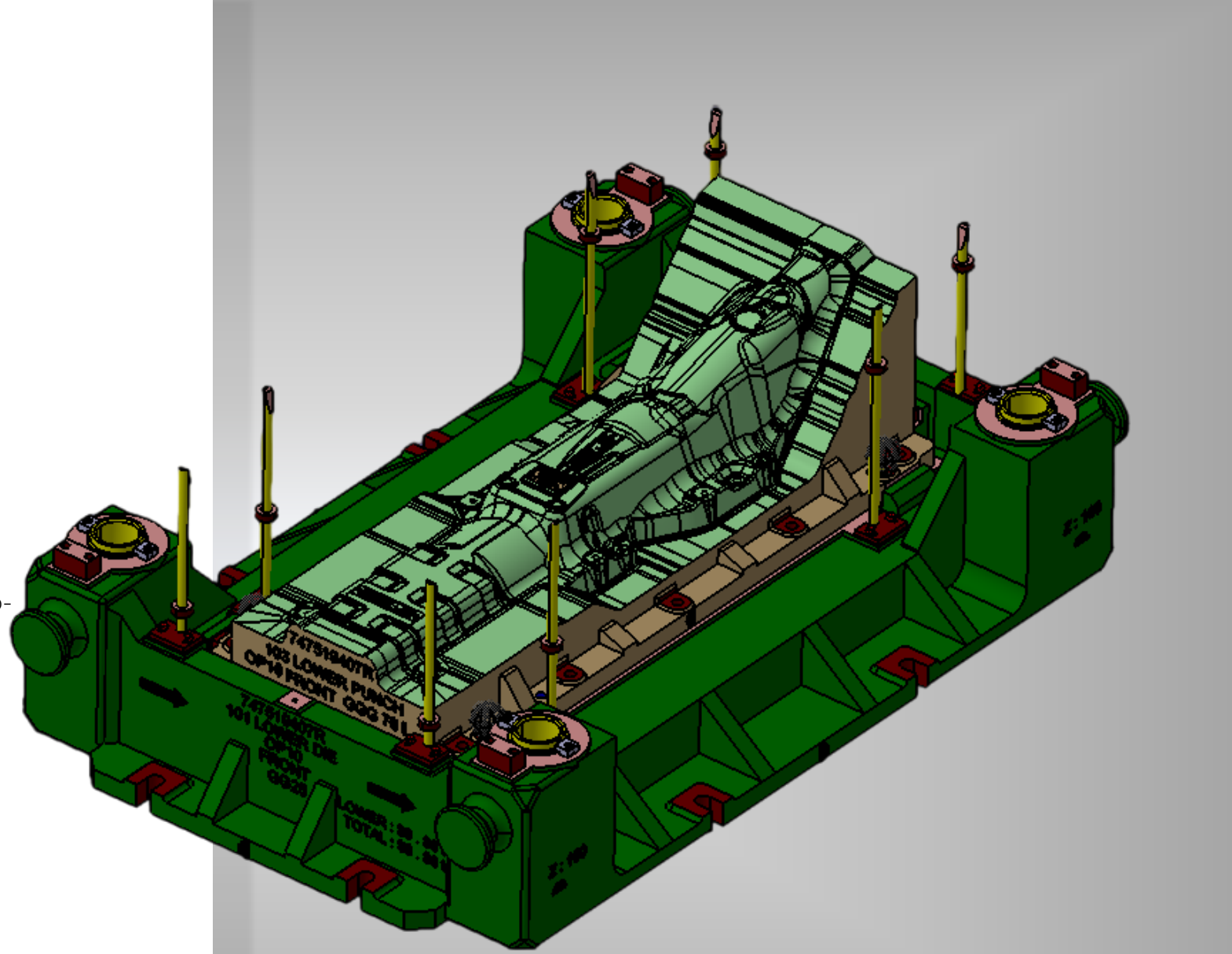


PROFIX

HEAT SHIELD

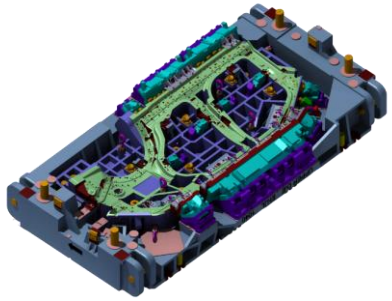
Profix Engineer develops forming dies specifically for complex heat shield components, typically made from aluminum or stainless-steel multi-layered materials. Our tooling solutions are designed to manage springback, deep-draw challenges, and material deformation—ensuring dimensional accuracy and acoustic/thermal integrity in high-temperature environments.

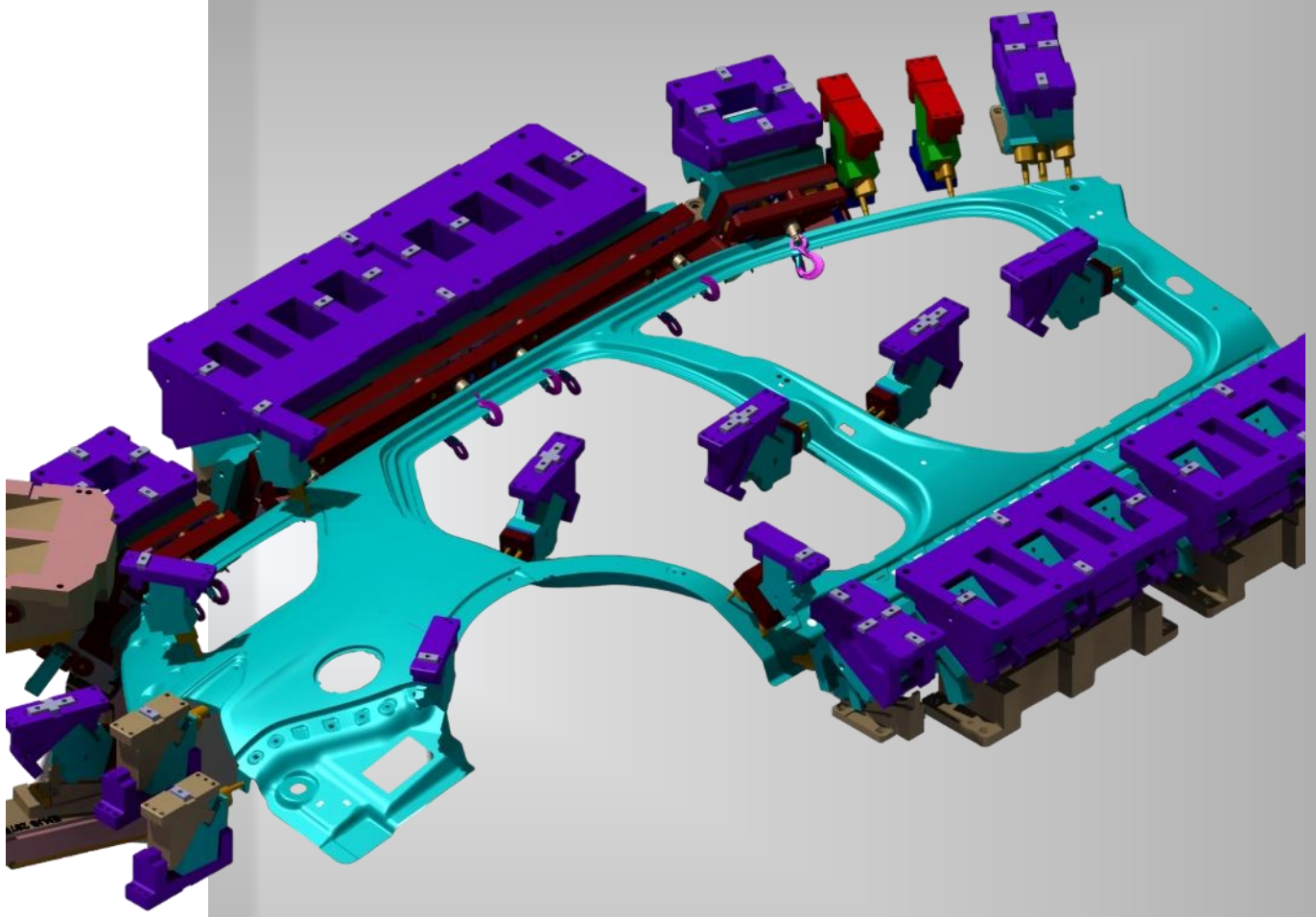




TANDEM DIE

Tandem dies are designed for forming large or complex sheet metal parts across multiple press stations. Profix Engineer develops tailored tandem die solutions that ensure forming accuracy, material flow control, and robust performance in high-volume production environments.

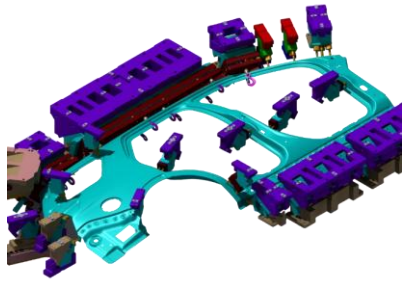


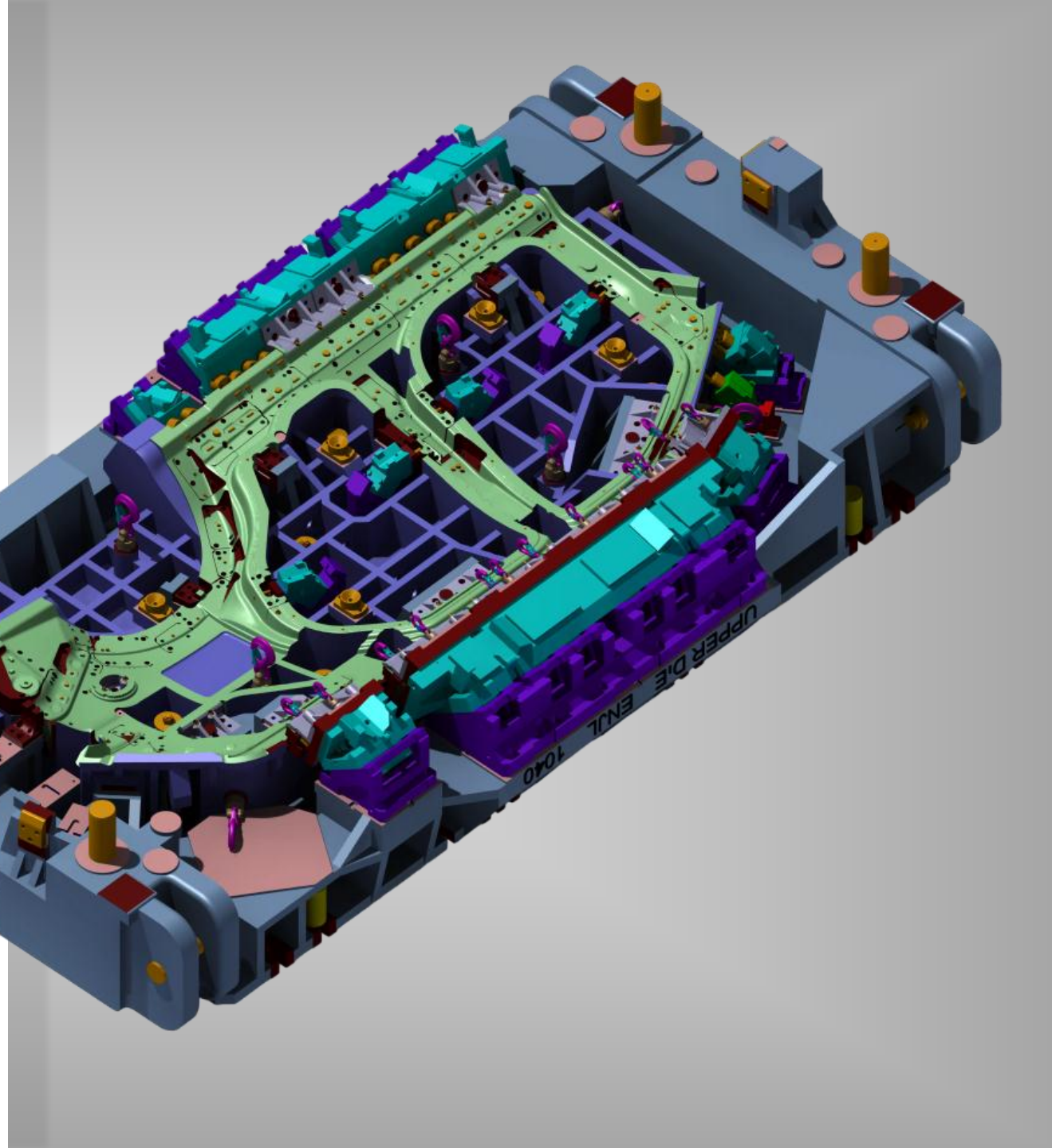


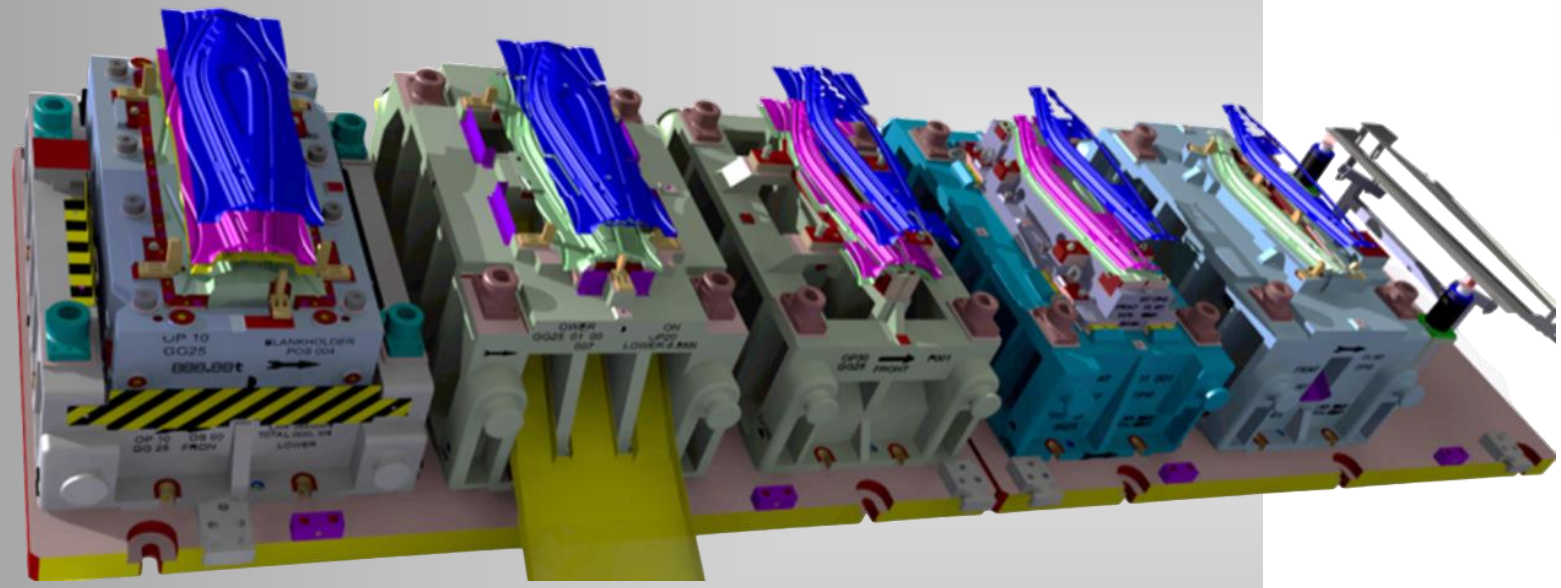
PROFIX

TANDEM DIE

Tandem die systems are ideal for operations where parts move between separate dies at different press stations. Profix Engineer ensures seamless part transfer, optimal blank positioning, and balanced forming force distribution—enabling high repeatability and tool longevity in complex forming sequences.

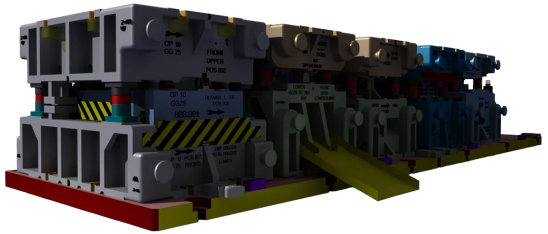






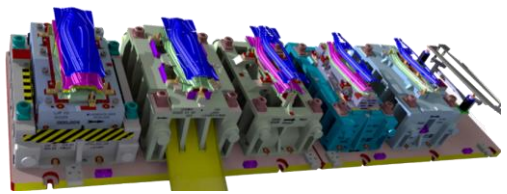
TRANSFER DIE

Transfer dies are ideal for producing complex parts that require multiple operations across sequential stations. Profix Engineer delivers fully integrated transfer die systems that improve cycle times, maintain consistency, and reduce production costs through smart material handling.



TRANSFER DIE

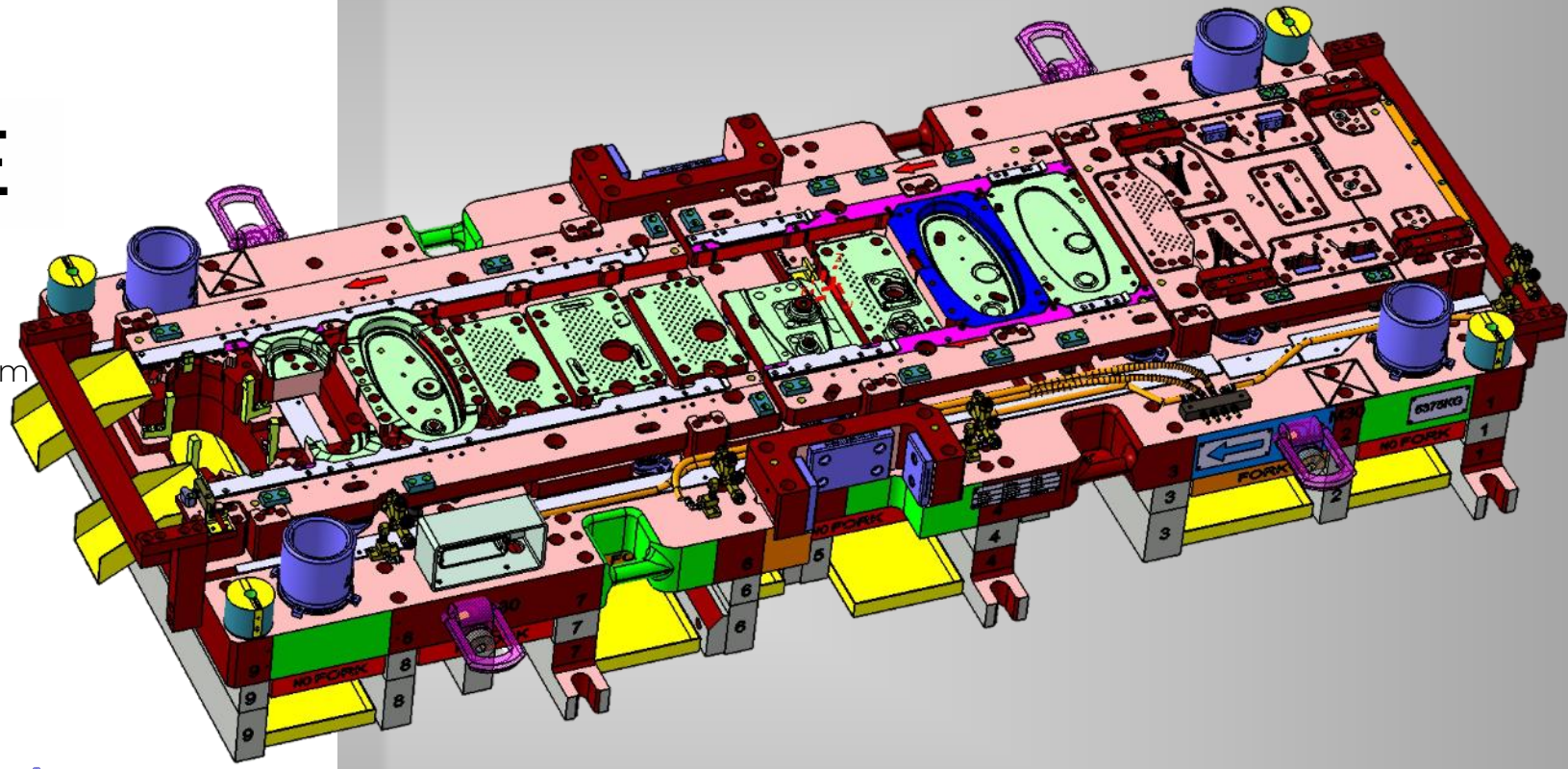
Transfer dies are engineered for sequential forming, piercing, and trimming operations across multiple stations. Profix Engineer designs each station for synchronized movement, accurate part positioning, and smooth handling—ensuring consistency in complex part geometries and reducing tool wear over time.

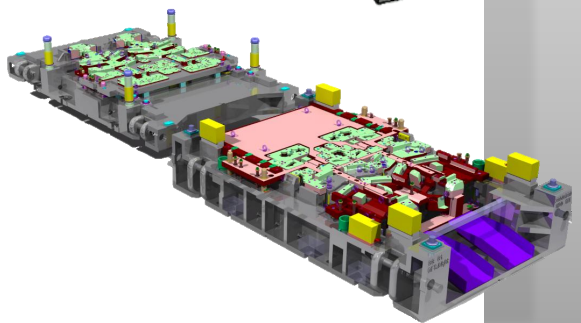


PROFIX

PROGRESSIVE DIE

Progressive dies integrate multiple forming and cutting operations into a single tool. Profix Engineer's expert team develops high-precision progressive dies tailored to customer needs, delivering excellent repeatability and process efficiency in large-scale production.

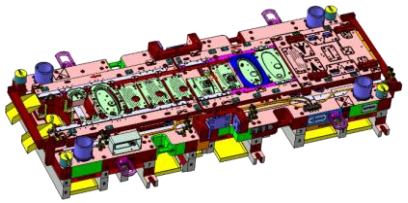


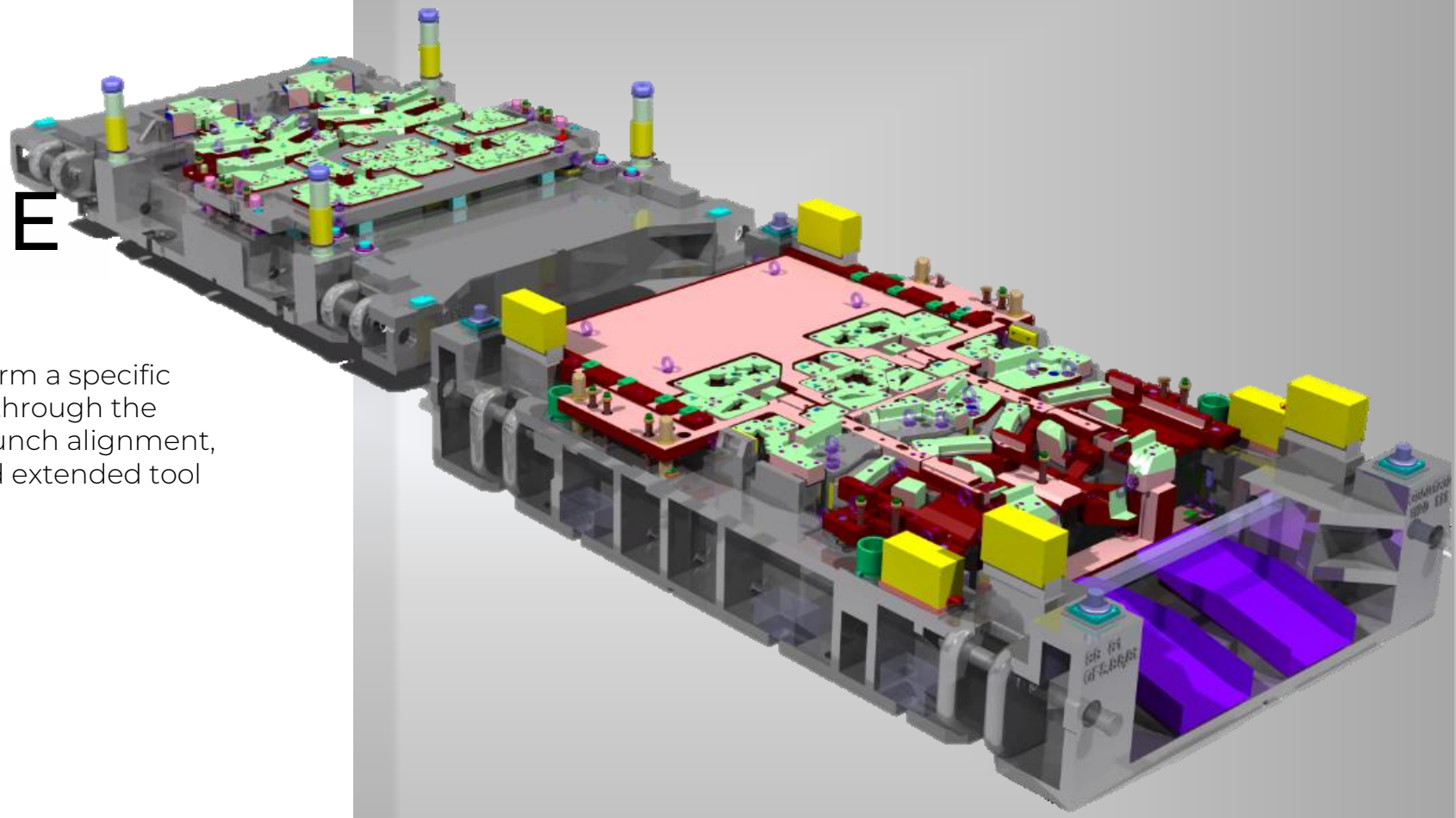


PROFIX

PROGRESSIVE DIE

Each station in a progressive die is designed to perform a specific task—gradually shaping the material as it advances through the tool. Profix Engineer ensures proper material flow, punch alignment, and die timing, delivering consistent part quality and extended tool life across demanding production cycles.





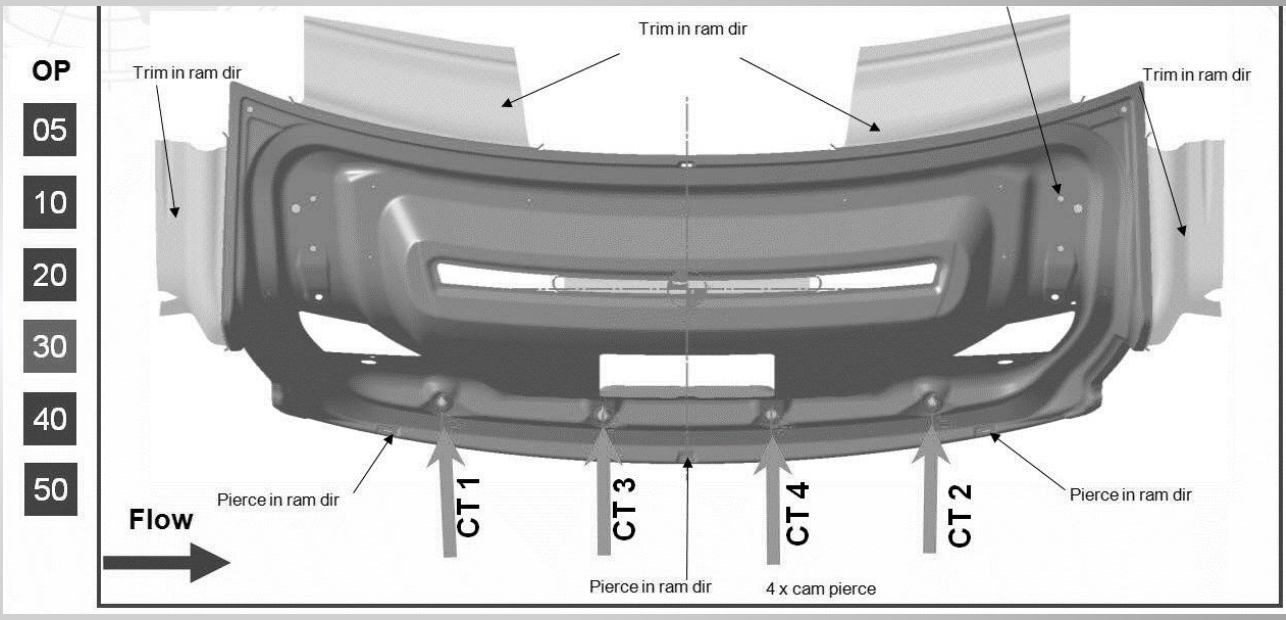
PLASTIC INJECTION DIE

Profix Engineer specializes in the design and manufacturing of high-precision plastic injection molds. Leveraging advanced technology and tooling expertise, we offer efficient, cost-effective, and production-optimized mold solutions that meet industry-specific requirements.

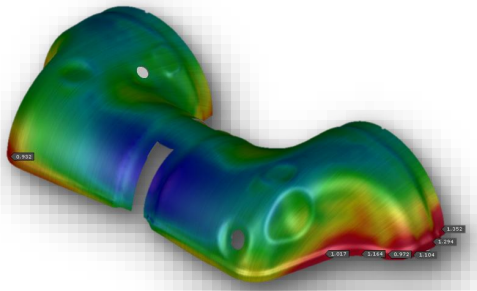
PROSES

AND FISIBILITY

Profix Engineering offers advanced industrial solutions in process planning and simulation for sheet metal parts. We specialize in developing efficient manufacturing methods for transfer, tandem, and progressive die operations—ensuring high part quality, optimized tooling, and streamlined production.



PROFIX



DETAILS

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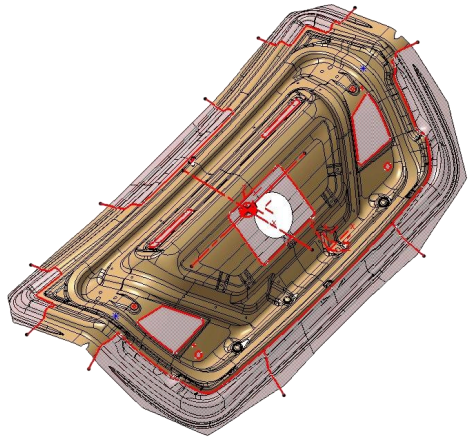
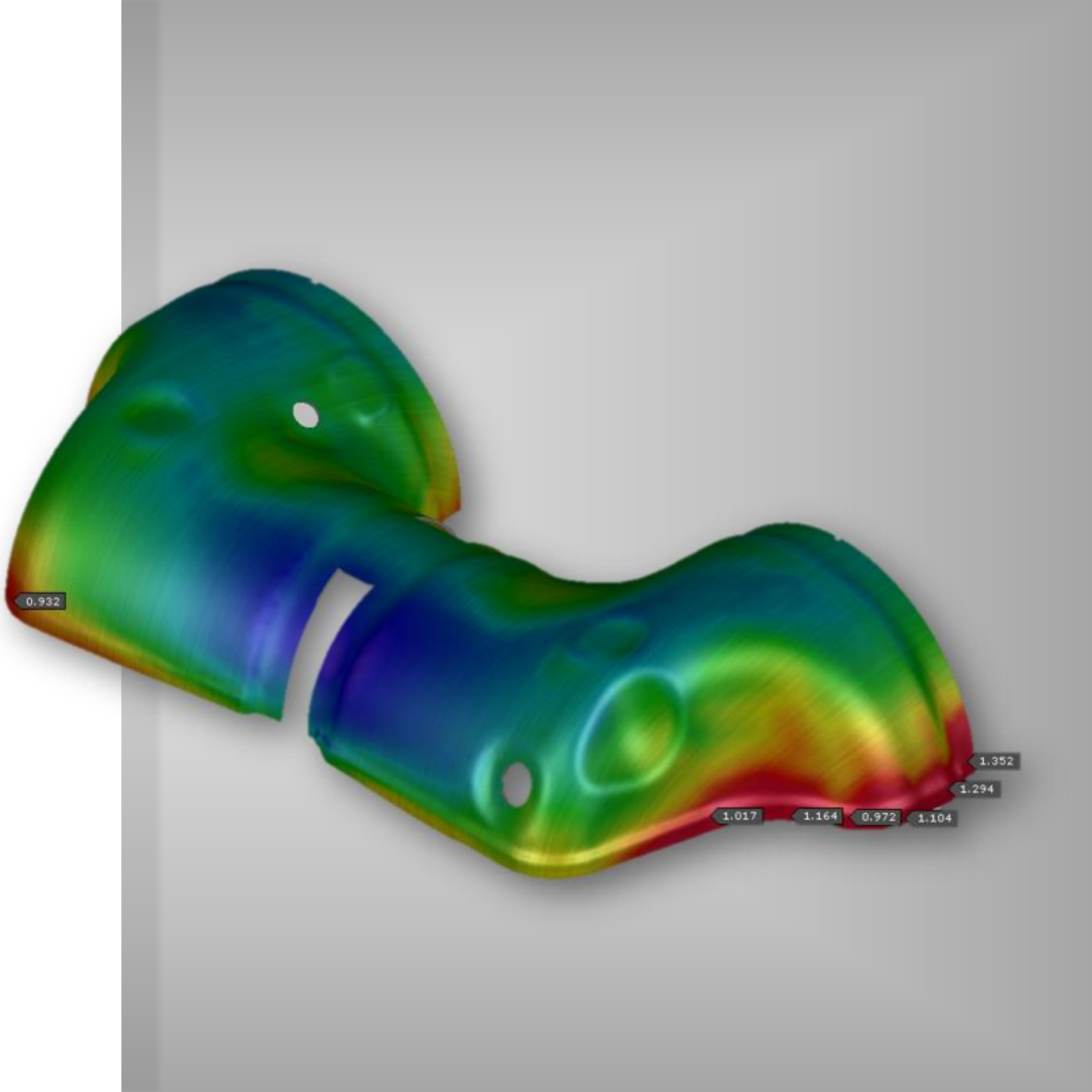


DETAILS

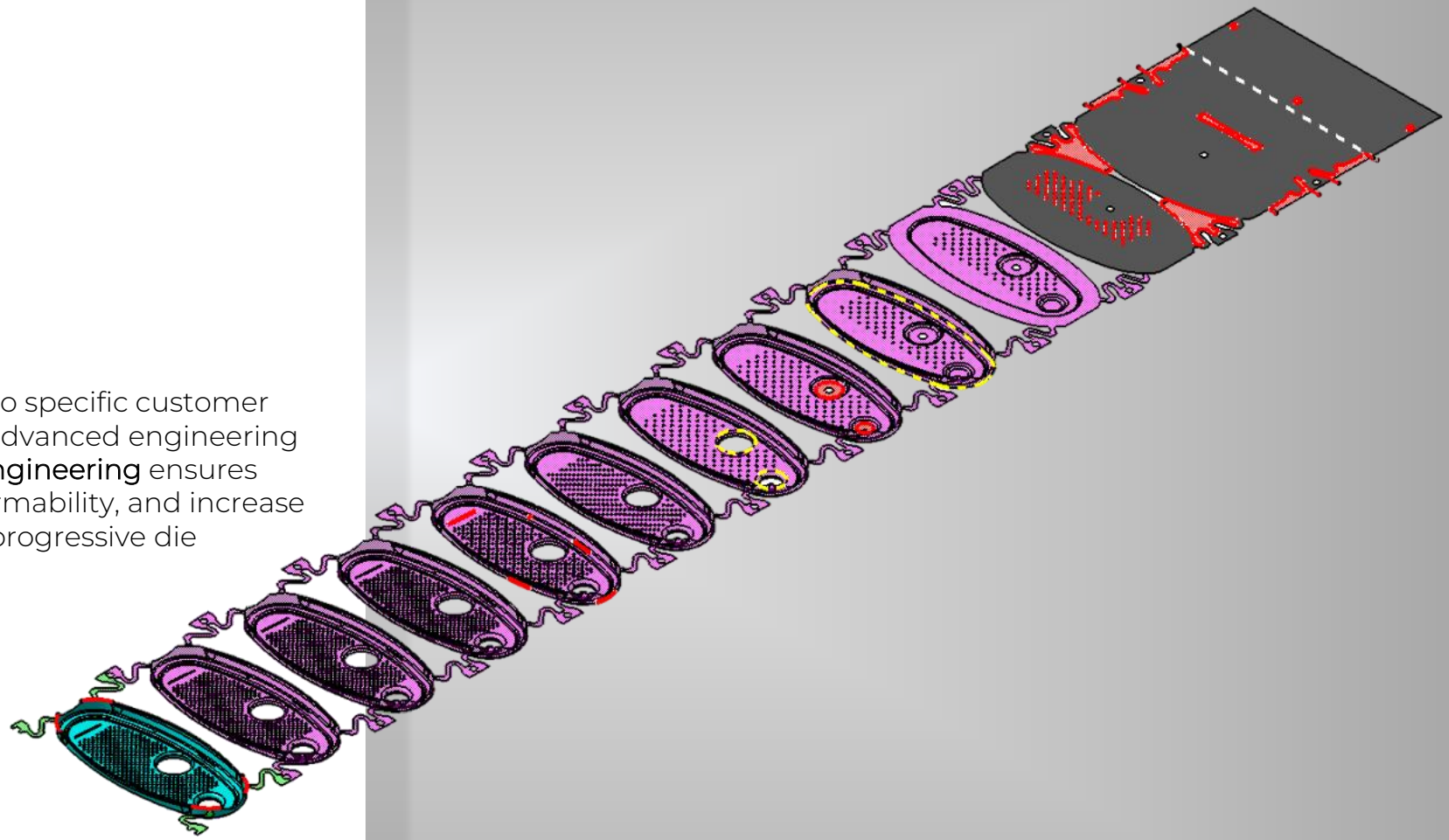
Simulation & Formability Analysis

Profix Engineering offers simulation services for sheet metal components as part of our comprehensive industrial solutions. Our advanced formability analysis enables accurate prediction of part behavior and helps optimize production strategies before physical trials—reducing costs and ensuring quality from the start.



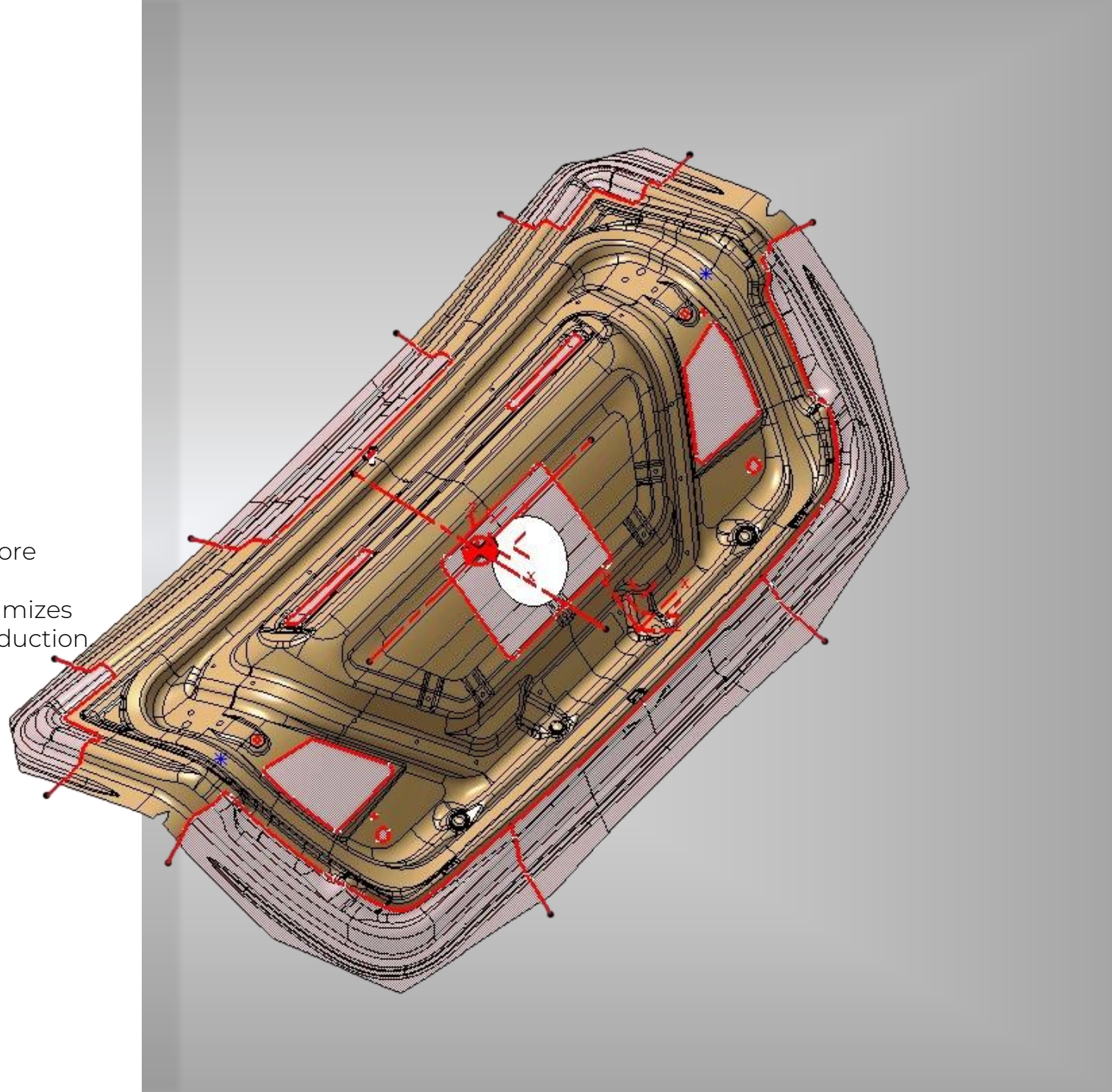
Tailored Process Method Design

We develop customized process methods tailored to specific customer requirements and part geometries. By combining advanced engineering analysis with practical production insights, Profix Engineering ensures optimized workflows that reduce costs, enhance formability, and increase production efficiency across transfer, tandem, and progressive die applications.



Feasibility Analysis & Optimization

Profix Engineering performs comprehensive feasibility studies before production to assess material behavior, detect potential risks, and determine the most efficient forming strategy. This approach minimizes costly trial-and-error cycles and enables reliable, cost-effective production.



Certified Quality Management
TS EN ISO 9001:2015

TS EN ISO 9001:2015 is the Turkish adaptation of the globally recognized ISO 9001:2015 standard. It certifies that Profix Engineering has established, implemented, and continuously improves a quality management system in line with international standards—ensuring consistent performance and customer satisfaction.

IQM

Sertifika/Certificate

PROFİX MÜHENDİSLİK LİMİTED ŞİRKETİ

KAYAPA MAH. KADIPINARI SOK. FABRİKA NO: 29/B NİLÜFER/BURSA

IQM Belgelendirme yukarıda bilgileri verilen kuruluşun **Kalite Yönetim Sistemini** değerlendirdiğini ve ilgili standardın gereklerine uygun olduğunu onaylar.
IQM Certification confirms that the above-mentioned organization has evaluated the **Quality Management System** and that it complies with the requirements of the relevant standard.

ISO 9001:2015

Kapsam,
Scope,

KALIP, FİKSTÜR VE ÖZEL AMAÇLI MAKİNE İMALATI

MOLDS, FIXTURES AND SPECIAL PURPOSE MACHINES MANUFACTURING

Sertifika No/Certificate No	:	IQM-Q-1398
Sertifika İlk Yayın Tarihi/ Certificate Initial Issue Date	:	19.11.2024
Sertifika Yeniden Belgelendirme Tarihi/ Certificate Recertification Date	:	-
Sertifika Yayın Tarihi/ Certificate Issue Date	:	19.11.2024
Sertifika Geçerlilik Tarihi/ Certificate Validity Date	:	18.11.2025

Bu sertifika IQM Belgelendirme kurallarına uyulması ve her yıl yapılacak gözetim denetimlerinin başarılı bir şekilde tamamlanması durumunda, ilk yayın/yeniden belgelendirme tarihinden itibaren üç yıl süreyle geçerlidir. Sertifikanın geçerliği her yıl yapılacak olan gözetim denetimine bağlıdır. Sertifikanın geçerlilik durumu https://tbds.turkak.org.tr adresinden kontrol edilebilir.
This certificate is based on compliance with IQM Certification rules and annual surveillance audits. Upon successful completion, the certificate is valid for three years from the date of first issue/recertification. The validity of the certificate is subject to an annual surveillance audit. The validity status of the certificate can be checked at https://tbds.turkak.org.tr.

INTERNATIONAL CERTIFICATION · ULUSLARARASI BELGELENDİRME · IQM International Quality Management

GENEL MÜDÜR
GENERAL MANAGER

MEMBER OF MULTILATERAL RECOGNITION ARRANGEMENT IAF

TÜRKAK
Kalite Yönetim Sistemi
TS EN ISO/IEC 17021
AB-0136-YS

TÜRKAK BDS NO
YS-5AB0-0E4B

IQM Uluslararası Belgelendirme Eğitim ve Gözetim Hizmetleri Ltd. Şti.
İçerenköy Mah. Şehit Yılmaz Hıd Sok. No:3 D:2 Ataşehir / İstanbul
Tel: 0216 574 94 77 Faks: 0216 574 78 28 info@iqm.com.tr www.iqm.com.tr
FR.13_07.04.2016/ Rev. No: 07 Rev. Tar: 26.02.2024

Environmental Responsibility
TS EN ISO 14001:2015

TS EN ISO 14001:2015 is the Turkish adaptation of the global environmental management standard. It confirms that Profix Engineering implements and maintains an effective system to reduce environmental impact, comply with legal regulations, and continuously improve environmental performance.

IQM

Sertifika/Certificate

PROFİX MÜHENDİSLİK LİMİTED ŞİRKETİ

KAYAPA MAH. KADIPINARI SOK. FABRİKA NO: 29/B NİLÜFER/BURSA

IQM Belgelendirme yukarıda bilgileri verilen kuruluşun **Çevre Yönetim Sistemini** değerlendirdiğini ve ilgili standardın gereklerine uygun olduğunu onaylar.
IQM Certification confirms that the above-mentioned organization has evaluated the **Environment Management System** and that it complies with the requirements of the relevant standard.

ISO 14001:2015

Kapsam,
Scope,

KALIP, FİKSTÜR VE ÖZEL AMAÇLI MAKİNE İMALATI

MOLDS, FIXTURES AND SPECIAL PURPOSE MACHINES MANUFACTURING

Sertifika No/Certificate No	:	IQM-E-1398
Sertifika İlk Yayın Tarihi/ Certificate Initial Issue Date	:	19.11.2024
Sertifika Yeniden Belgelendirme Tarihi/ Certificate Recertification Date	:	-
Sertifika Yayın Tarihi/ Certificate Issue Date	:	19.11.2024
Sertifika Geçerlilik Tarihi/ Certificate Validity Date	:	18.11.2025

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INTERNATIONAL CERTIFICATION · ULUSLARARASI BELGELENDİRME · IQM International Quality Management

GENEL MÜDÜR
GENERAL MANAGER

MEMBER OF MULTILATERAL RECOGNITION ARRANGEMENT IAF

TÜRKAK
Çevre Yönetim Sistemi
TS EN ISO/IEC 17021
AB-0136-YS

TÜRKAK BDS NO
YS-CD1B-B887

IQM Uluslararası Belgelendirme Eğitim ve Gözetim Hizmetleri Ltd. Şti.
İçerenköy Mah. Şehit Yılmaz Hıd Sok. No:3 D:2 Ataşehir / İstanbul
Tel: 0216 574 94 77 Faks: 0216 574 78 28 info@iqm.com.tr www.iqm.com.tr
FR.13_07.04.2016/ Rev. No: 07 Rev. Tar: 26.02.2024

Occupational Safety Commitment TS EN ISO 45001:2018

TS EN ISO 45001:2018 is the Turkish version of the global standard for occupational health and safety management systems. It verifies that Profix Engineering proactively ensures worker safety, prevents workplace injuries and illnesses, and continuously improves its safety performance.

IQM

Sertifika/Certificate

PROFİX MÜHENDİSLİK LİMİTED ŞİRKETİ

KAYAPA MAH. KADIPINARI SOK. FABRİKA NO: 29/B NİLÜFER/BURSA

IQM Belgelendirme yukarıda bilgileri verilen kuruluşun **İş Sağlığı ve Güvenliği Yönetim Sistemini** değerlendirdiğini ve ilgili standardın gereklerine uygun olduğunu onaylar.
IQM Certification confirms that the above-mentioned organization has evaluated the **Occupational Health and Safety Management System** and that it complies with the requirements of the relevant standard.

ISO 45001:2018

Kapsam,
Scope,

KALIP, FİKSTÜR VE ÖZEL AMAÇLI MAKİNE İMALATI

MOLDS, FIXTURES AND SPECIAL PURPOSE MACHINES MANUFACTURING

Sertifika No/Certificate No	:	IQM-S-1398
Sertifika İlk Yayın Tarihi/ Certificate Initial Issue Date	:	19.11.2024
Sertifika Yeniden Belgelendirme Tarihi/ Certificate Recertification Date	:	-
Sertifika Yayın Tarihi/ Certificate Issue Date	:	19.11.2024
Sertifika Geçerlilik Tarihi/ Certificate Validity Date	:	18.11.2025

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The validity of the certificate is subject to an annual surveillance audit. The validity status of the certificate can be checked at https://tbds.turkak.org.tr.

INTERNATIONAL CERTIFICATION • ULUSLARARASI BELGELENDİRME

GENEL MÜDÜR
GENERAL MANAGER

MEMBER OF MULTILATERAL RECOGNITION ARRANGEMENT

TÜRKAK
İş Sağlığı ve Güv. Y.S.
TS EN ISO/IEC 17021-1
AB-0136-YS

TÜRKAK BDS NO
YS-2931-114B

IQM Uluslararası Belgelendirme Eğitim ve Gözetim Hizmetleri Ltd. Şti.
İçerenköy Mah. Şehit Yılmaz Hıd Sok. No:3 D:2 Ataşehir / İstanbul
Tel: 0216 574 94 77 Faks: 0216 574 78 28 info@iqm.com.tr www.iqm.com.tr
FR.13_07.04.2016/ Rev. No: 07 Rev. Tar: 26.02.2024

MACHINES PARK

Profix Engineer is equipped with a modern and diverse machine park, including advanced CNC machining centers, measuring systems and custom tooling stations—designed to meet the high-precision requirements of industries such as aerospace, defense, and automotive.

PROFIX

DETAILS

DETAILS

DETAILS

DETAILS

DETAILS

DETAILS

DETAILS

PROFIX

PROFIX

AWEA

6.200 Hours / Year

- Table Size(mms) : X:3000 Y:2500 Z:1200
- Between Bridge Y : 2700 mms
- Capacity : 6.200 Hours / Year
- Model : AWEA Bridge Cnc Freze
- Production Year : 2015
- Brand : LP 3025Z
- Number of Axis : 3+2

PROFIX

US WHEELER

6.200 Hours / Year

- Table Size(mms) : X:1000 Y:550 Z:600
- Capacity : 6.200 Hours / Year
- Production Year : 2024
- Brand : EM1100A
- Number of Axis : 3

PROFIX

US WHEELER

6.200 Hours / Year

- Table Size(mms) : X:1000 Y:550 Z:600
- Capacity : 6.200 Hours / Year
- Production Year : 2024
- Brand : EM1100A
- Number of Axis : 3

PROFIX

US WHEELER

6.200 Hours / Year

- Table Size(mms) : X:1000 Y:550 Z:600
- Capacity : 6.200 Hours / Year
- Production Year : 2024
- Brand : EM1100A
- Number of Axis : 3

PROFIX

YUNNAN

6.200 Hours / Year

•Model	: CY6250B/1500
•Spindle Bore	: 52 mm
•Turning Length	: 1,500 mm
•Swing Over Bed	: 500 mm
•Swing Over Cross Slide	: 280 mm
•Spindle Speed	: 11–1,400 rpm

PROFIX

YUNNAN

6.200 Hours / Year

•Model	: CY6250B/1500
•Spindle Bore	: 52 mm
•Turning Length	: 1,500 mm
•Swing Over Bed	: 500 mm
•Swing Over Cross Slide	: 280 mm
•Spindle Speed	: 11–1,400 rpm

PROFIX

CREAFORM HandySCAN 3D

- Dimension :122 x 77 x 294 mm
- Tolerance : 0,004
- Measurement rate : 205,000 measures /s
- Scanning Area : 225 x 250 mm Ac. Up to : 0.040 mm
- Vol. Accuracy : 0.020 mm + 0.100 mm/m
- Vol. Accuracy(w/ MaxSHOT 3D): 0.020 mm + 0.025 mm/m