



Defence Projects

Components and Services for
Defence related Projects

Short Introduction to Formkon

About Company

- Established in 1985.
- Offer prototypes, special components and small series.
- Focus on metal components produced by casting or CNC machining.
- Production area of 7400 m².
- 60 employees.
- ISO 9001 and ISO 14001 certified.
- Located in Skive, Denmark.



Meet the owners

Formkon is a privately owned company, and a key strength is its unique structure where all 5 owners work within the company, taking on key leadership roles.

This ensures a dedicated commitment to every aspect of our operations, fostering a One-Team culture that goes the extra mile to ensure the success of your project.

Another strength is the size of Formkon. Big enough to handle large, complex projects, yet small enough to be flexible and agile, which allows us adapt quickly to special and changing demands in today's dynamic world.



Peter Lynge Hjelm
Managing Director



Dan Nielsen
Sales Director



Peter Fly Kristensen
Project Team Leader



Martin Løgsted
Production Manager



Troels Toft Pedersen
Technical Director

Our solutions



Reliable Components for Defence

01

Formkon - A trusted player in the construction of components for the European defence industry.

02

Contributing towards a strong European defence by guaranteeing quality and rapid manufacturing capabilities.

Precision, Trust & Innovation in Defence



01

Precision and Quality – Delivering high-quality components with extreme precision for the defence industry.

02

Fast and Reliable Production – Efficient manufacturing of prototypes and small series with short lead times to meet critical demands.

03

Trust and Confidentiality – Building strong partnerships based on transparency and reliability through secure processes.

04

Flexibility and Innovation – Tailored solutions that meet strict requirements for weight, durability, and performance in defence applications.

We offer

Component manufacturing



Milling

Components milled from solid in aluminium and magnesium.

3-axis: Up to 1000x800x650 mm

5-axis: Up to 1050x900x600 mm



Turning

Components turned from solid in aluminium, magnesium, brass and steel.

Up to: Ø600 x 1000 mm



Casting

Components produced by die casting, sandcasting or gravity casting including CNC machining.

Up to: 1000 x 800 x 650 mm

Formkon.com

Unique Opportunities

Formkon has available space to expand our production facilities

We are actively exploring opportunities for special contract manufacturing projects, including technology transfer, investment, and training programs.



Specialised Manufacturing Projects

01

Expanding our existing production capabilities, such as acquiring larger CNC machines, metal 3D printers or project specific equipment tailored for certain components.

02

In-sourcing a complete production line for mechanical components, ideally for parts where our internal processes also can add value.



Capacity

Available Capacity in grinding



Grinding and Honing

01

Implemented an automated grinding setup on a Studer S33 for precision machining of turned steel components for a specific customer project.

02

This project currently utilizes only 10% of the machine's capacity, leaving significant overcapacity for additional grinding work.

03

We are interested in supporting new or existing projects requiring high-precision grinding.

04

Open to technology transfer programs for existing components or collaborations on new products.

05

In addition to grinding, we also offer high-quality honing services.



Post treatments

After Casting or CNC machining we offer a number of different post treatments:

- 01 Laser engraving - Part number or QR Code.
- 02 Measuring and documentation.
- 03 Friction stir welding.
- 04 Leak testing.
- 05 Impregnation.
- 06 Technical cleaning.
- 07 Assembly tasks.
- 08 Surface treatments.

Defence Projects

Fast time to market

Rapid production and delivery
to meet critical defence demands
with precision and reliability.



5-AXIS CNC-MACHINING

Manufacturer	Model	Working area
Hermle	C650U	1050x900x600 mm
Hermle	C42 w. Kuka Robot	800x800x550 mm
Hermle	C42 w. Kuka Robot	800x800x550 mm
Hermle	C42	800x800x550 mm
Hermle	C42	800x800x550 mm
Hermle	C32U	650x650x500 mm
Hermle	C22	450x600x330 mm
Hermle	C400	850x700x500 mm
Deckel Maho	DMU 80evo	800x650x550 mm
Deckel Maho	DMU 60evo	650x450x450 mm
Deckel Maho	DMU 60monoblock	630x560x560 mm
Deckel Maho	DMU 60monoblock	630x560x560 mm
DMG MORI	HSC 55 Linear	450x650x460 mm

3-AXIS CNC-MACHINING

Hermle	C400V	850x700x500 mm
Deckel Maho	DMC 75V line	750x600x550 mm
Deckel Maho	DMC 100V	1000x800x650 mm
Deckel Maho	DMC 50V	500x400x400 mm
Deckel Maho	DMU65 Monoblock	735x650x560 mm

TURNING

Mazak	I200-S with Robot	Ø650×1000 mm
DMG MORI	NLX2500 / 700	Ø460×1255 mm
Gildemeister	CTX 510	Ø600×1000 mm
Gildemeister	CTX 420Y linear	Ø450×650 mm

TACTILE 3D-MESSUREMENTS

Wenzel	LH108	2000x1000x800mm
Wenzel	LH87	1500x800x700mm
Wenzel	LH87	1500x800x700mm

OTHER EQUIPMENT

Nolek Leak tester S9 (2 systems)
Laser engraving machine (2 systems)
Friction Stir Welding Head
Cleanliness washing machine
Studer S33

Get in-touch

Reach out to our sales team

Formkon A/S

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We would be happy to provide you with a free and non-binding offer.
Please feel free to contact us.

File formats

We can handle almost any file format, but for rapid handling we prefer the following formats:

3D files: STEP or IGES

2D drawings: PDF or TIF



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Our setup



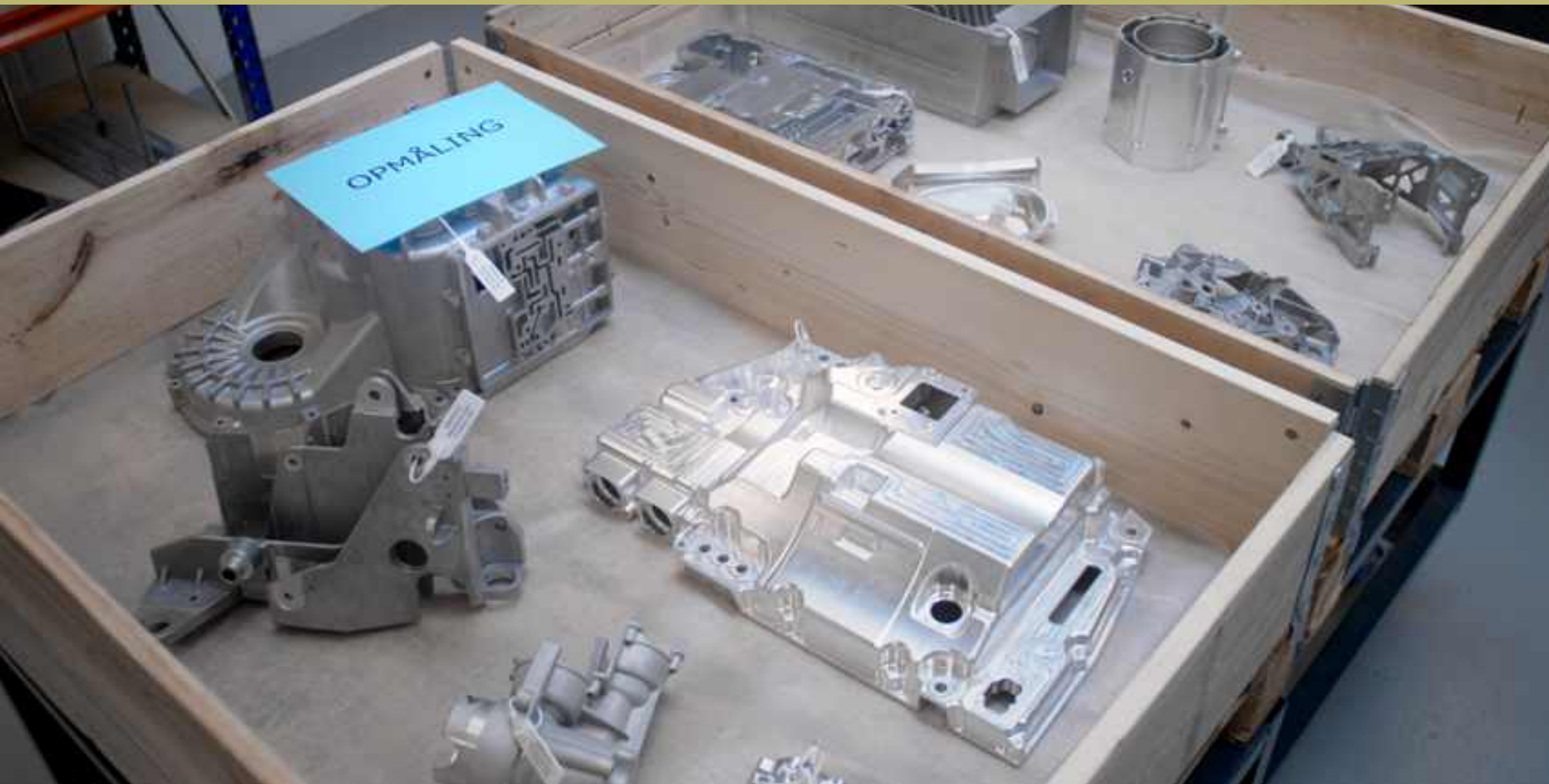
Our setup



Our setup



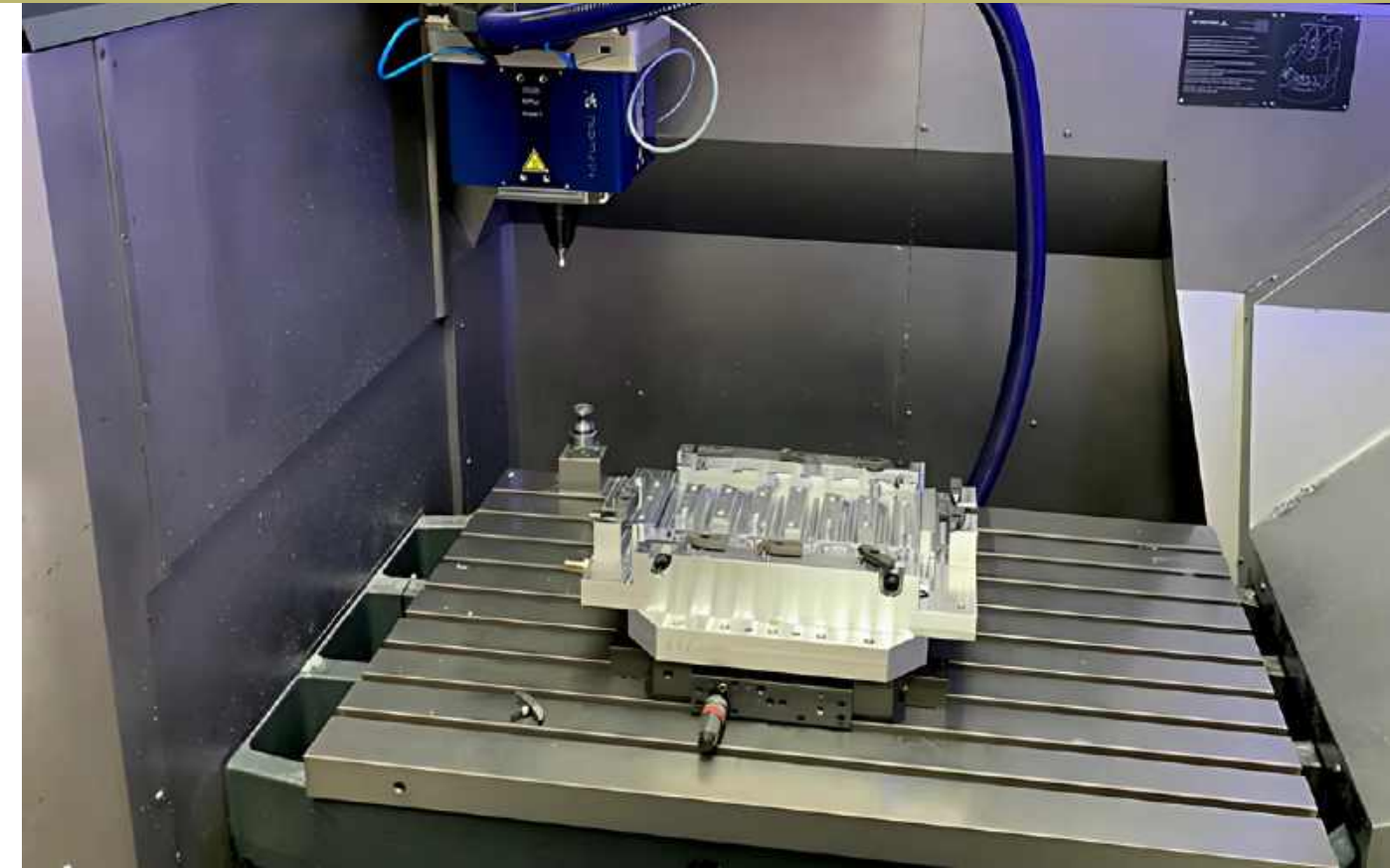
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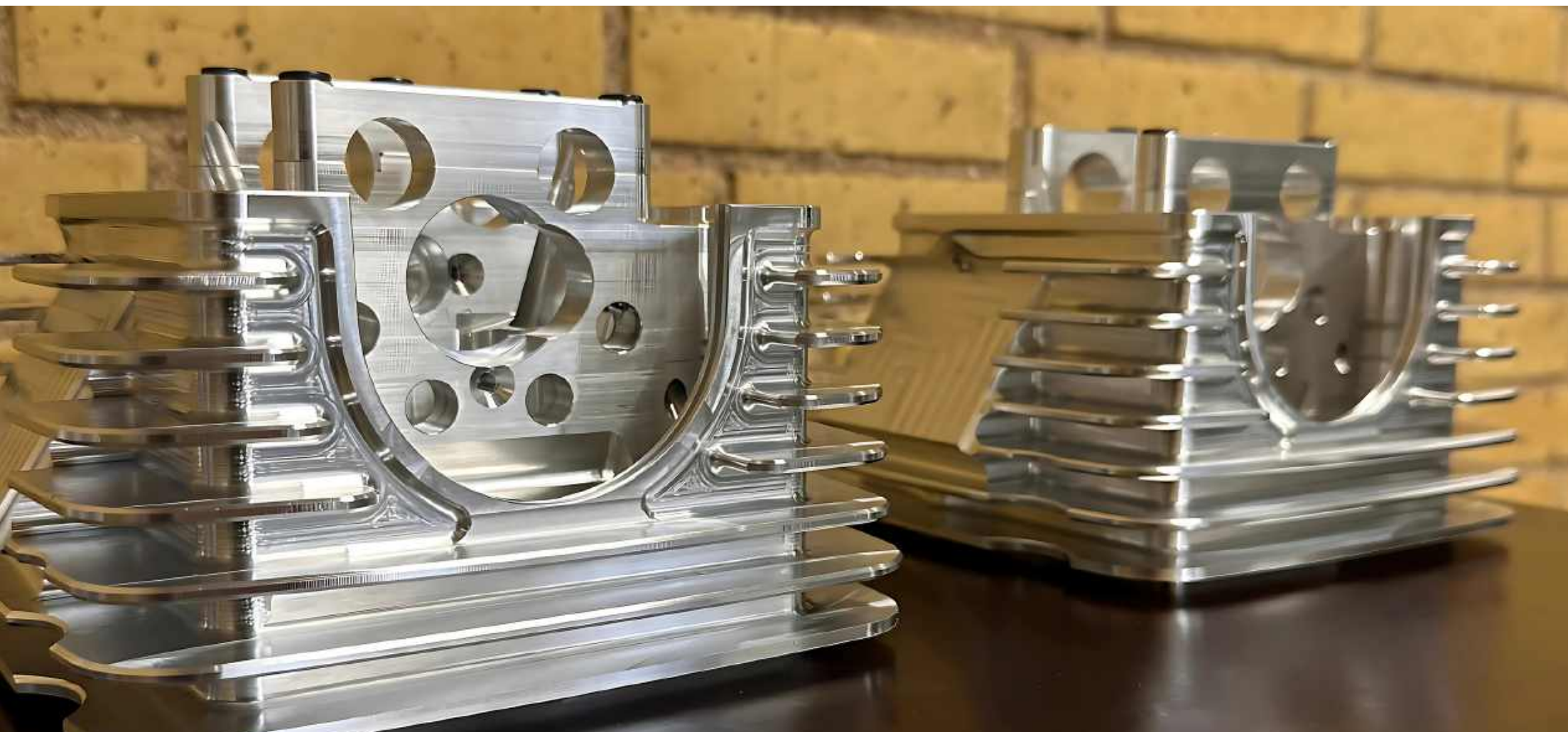
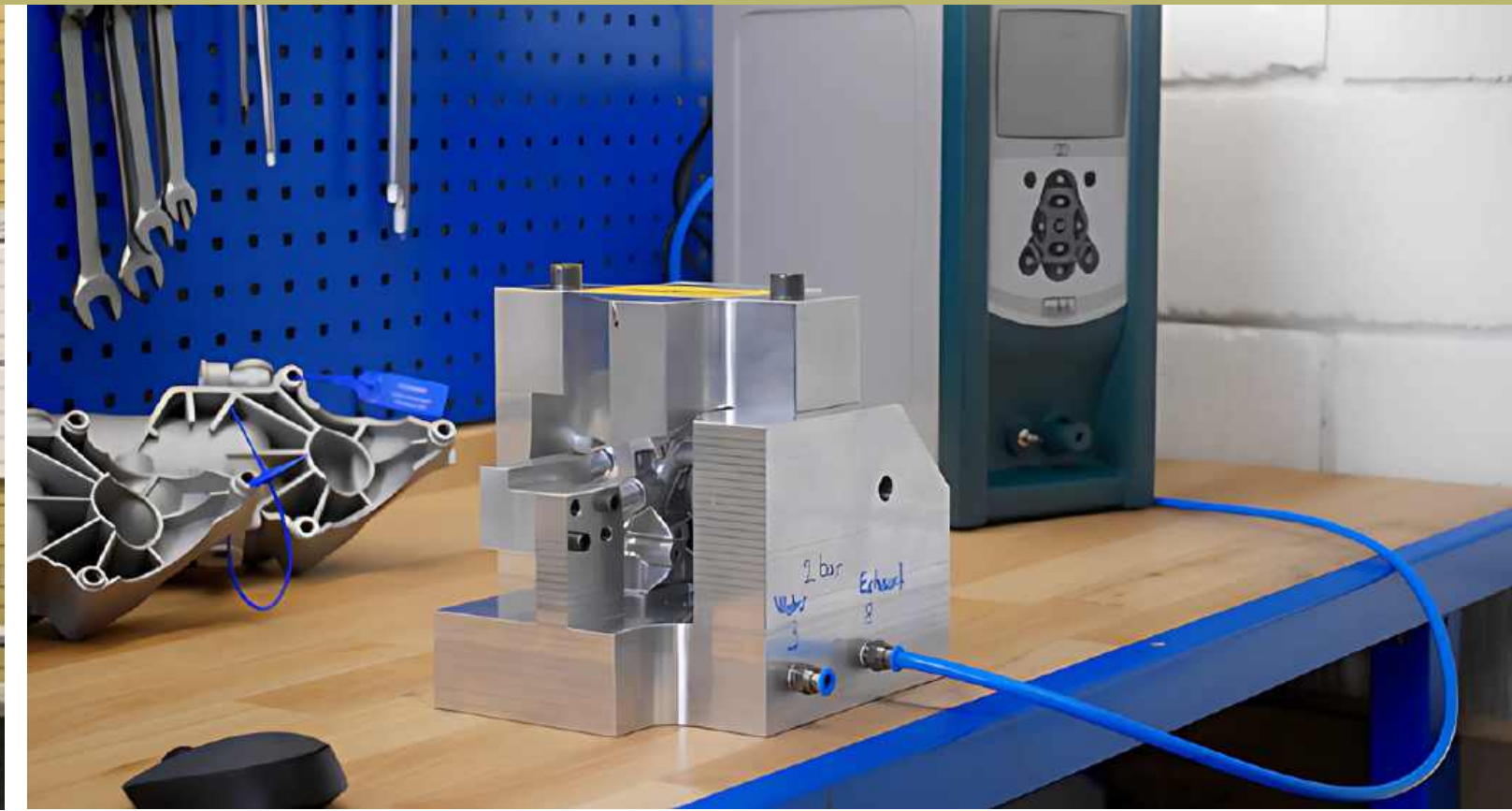
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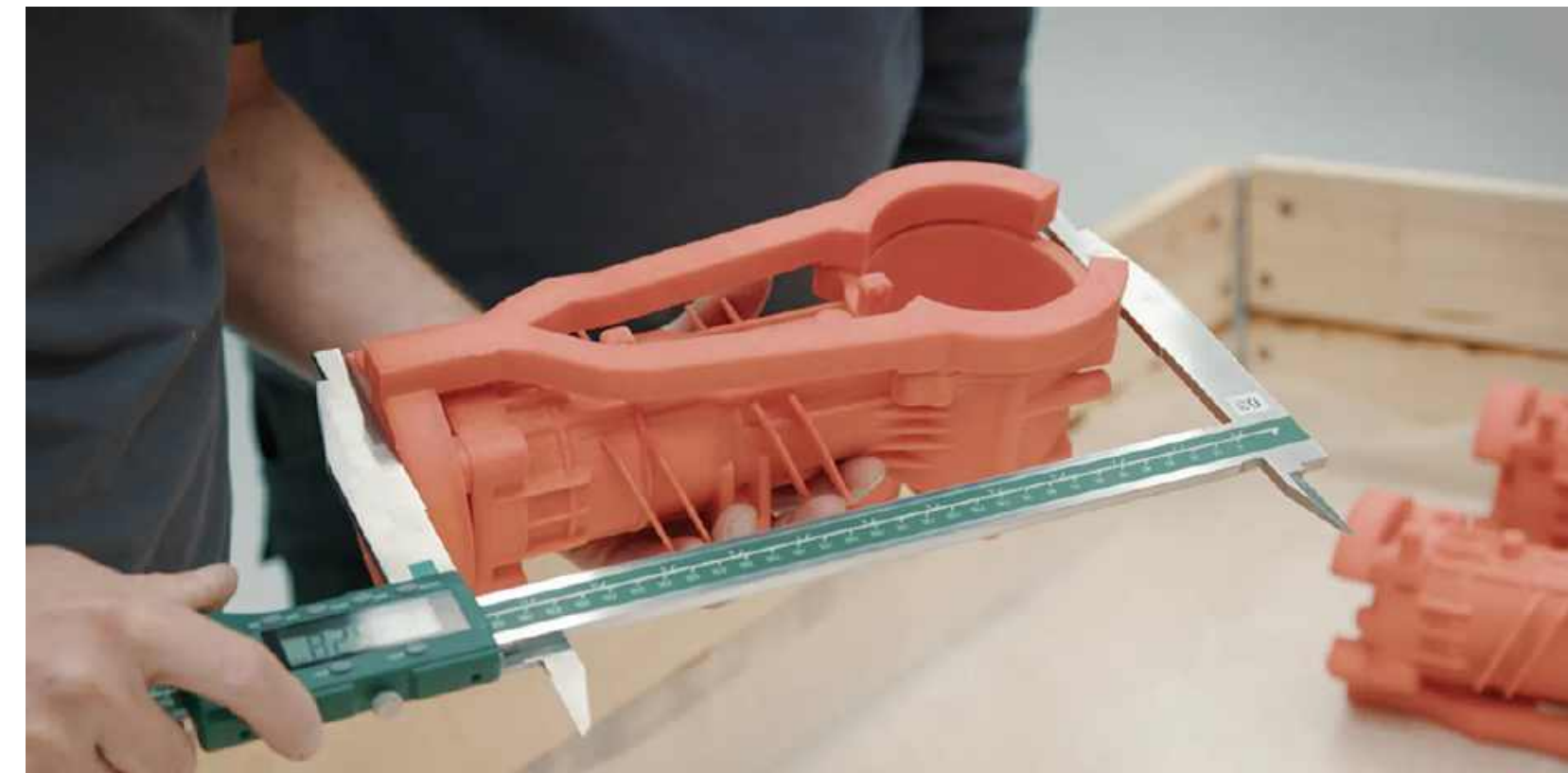
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