

Comfort of working **TOGETHER**

Complex production of turned and milled parts

MILLING

TURNING

ANODISING

HEAT TREATMENT · ELECTROPLATING · PAINTING · MARKING · WASHING · ASSEMBLY

www.radmot.com

What can you outsource?

We specialise in the production of high-precision parts and components in medium to **large production batches**. Our machine park and measuring laboratories allow us to perform CNC turning and milling up to **6 accuracy class**. We are a company with 40 years of experience and the resources to take on extremely complex projects.

We work with concern for your peace of mind and confidence from a decision well taken.

TURNED PARTS

Diameter: 6 - 250 mm
Length: from 680 mm
Batch: from 250 pcs
Annual qty: from 1000 pcs

MILLED PARTS

Max dimensions:
500 x 500 x 350 mm
Batch: from 100 pcs
Annual qty: od 500 szt

ALUMINUM ANODISING

In our anodising plant we anodise components up to 1 m in length, **in 12 colours** and their shades

OTHER SERVICES

Assembly
Consultancy
Heat treatment
Chemical treatment
Ultrasonic cleaning
Powder coating

Get help!

Not sure if your detail meets our conditions?

We are open to technical consultations and the search for optimum production methods. If in doubt, do not hesitate to **send your technical drawings** to our Project Manager. We will carry out a free technological analysis.

That's not all!

We are also prepared to **handle additional processes**, so let us know the entire technical requirements of your order.

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Distinguished by **FLEXIBILITY**

Modern and flexible machinery

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CNC Millers

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CNC Lathes

17

Robots & cobots

23

Measuring machines,
including 3D

PRECISION
TSUGAMI

LOKUMA

 **HERMLE**

FANUC

DMG MORI

WENZEL[®]



Milling machines

Name	Quantity	Description	Scope
Hermle C20UP	1	5-axis, vertical, with pallet exchanger	400x450x450
Hermle C30 / C32	3	5-axis, vertical	650x600x500
Okuma MB-4000H	6	4-axis, horizontal, with pallet exchanger	625x560x560
Okuma MB-5000HII	3	4-axis, horizontal, with pallet exchanger	700x500x500
FANUC RoboDrill D21LiA5	17	3-axis, vertical, with pallet exchanger	700x400x330
FANUC RoboDrill D21LiA5	1	4-axis, vertical	700x400x330
FANUC RoboDrill D21LiA5*	2	5-axis, vertical, automated	700x400x330
Brother R650X2	6	4-axis, vertical, with pallet exchanger	650x400x305
Mori Seiki NH4000 DCG	1	4-axis, horizontal, with pallet exchanger	700x500x500
Hyundai HS 500i	1	4-axis, horizontal, with pallet exchanger	700x500x500
DMG DMC 635	1	3-axis, vertical	635x510x460
Hyundai F500 Plus	1	3-axis, vertical	1060x510x635
DN Solutions DVF 5000	1	5-axis, vertical	625x450x400

*automated machines

Lathes

Name	Quantity	Description	Max Ø (diameter)	Max L [mm]
DMG Sprint 65*	2	CNC automatic lathe with milling function	Ø65	300
DMG Sprint 42*	3	CNC automatic lathe with milling function	Ø42	250
DMG Sprint 32*	1	CNC automatic lathe with milling function	Ø32	250
Okuma LT2000*	4	CNC automatic lathe with milling function	Ø65	200
Tsugami B0-326*	2	CNC Swiss-type automatic lathe with milling function	Ø32	800
Tsugami B0-266E-II*	1	CNC Swiss-type automatic lathe with milling function	Ø26	670
Tsugami B0-206E*	2	CNC Swiss-type automatic lathe with milling function	Ø20	200
Tsugami HS207*	1	CNC Swiss-type automatic lathe with milling function	Ø20	300
Hanwha STL38H	2	CNC Swiss-type automatic lathe with milling function	Ø38	200
Celoria CD FM742*	1	CNC Swiss-type automatic lathe with milling function	Ø32	700
EMAG VT 2-4*	2	Semi-automatic CNC vertical lathe	Ø250	300
Okuma LB3000 EXII*	2	CNC lathe with milling function	Ø250	300
Hyundai WIA HD2600Y	2	CNC lathe with milling function	Ø250	300
Hyundai WIA L300*	8	CNC lathe	Ø300	670
Hyundai WIA HD2200*	4	CNC lathe	Ø200	200
Doosan Lynx 2100 LYA	3	CNC lathe with driven tools	Ø170	200
KIA – Hyundai SKT	1	CNC lathe with driven tools	Ø180	300

*automated machines

Measuring machines

Name	Quantity	Description
CMM Wenzel LH65	1	3D Coordinate measuring machine
CMM Hexagon GLOBAL S BLUE 9.20.8	1	3D Coordinate measuring machine
OPTIV LITE 3.2.2	1	Multisensor coordinate measuring machine
MahrSurf Contourograph	3	Workpiece outline measuring device
Keyence IM-6225	1	High-speed 2D measurement device
Opticline Contour 914 Hommel Etamic C914	1	3D optical scanning device
Vici Vision MTL ERGON 500	1	3D optical scanning device
Vici Vision MTL 1	1	3D optical scanning device
NEXUS 601 RSB Hardness Tester	1	Measuring material hardness device
TXC03 Spectrometer	1	Testing chemical composition of materials device
SIUI Smartor Ultrasonic Defectoscope	1	Non-destructive materials testing device
Dualscope FMP40	1	Measuring thickness of galvanic coatings device
MahrSurf Roughness Tester	3	Roughness measuring device
Mitutoyo Altimeter LH-600E	5	Measuring linear dimensions device
Circularity meter Mitutoyo Roundtest Extreme RA-2200AH PLUSZ=500mm	1	Roundness measurement device

Individual approach

Mechanical parts can be manufactured using many technologies. We know how to achieve the required part quality **while optimising costs.**

Additional collaborative benefits:

We will find a supplier of raw materials

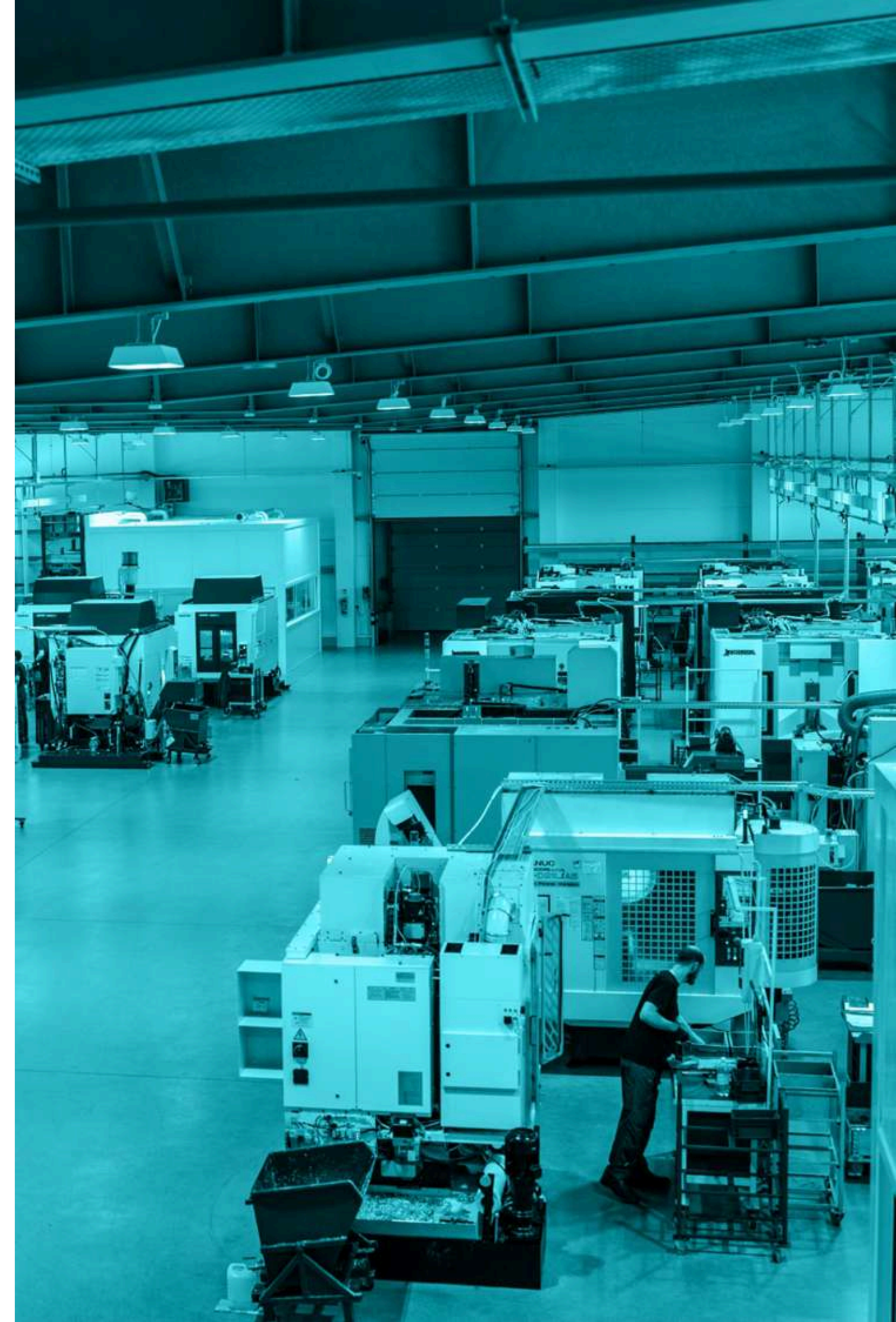
We will plan the process on several different machines

We select the control and measurement process

We take care of the downstream processes

We prepare the labelling and final logistics

COMPLEX SERVICE



Basic advantages of cooperation



Automated production of **medium and large production batches**

Technological flexibility of **more than 80 CNC machines:**

Hermle, Okuma, DMG, Tsugami, Fanuc (including 5-axis)

Precise production and quality monitoring through **extensive ISO and IATF quality management systems**

High-precision CNC turning and milling services even **in the 6th accuracy class**

Anodising of aluminium parts directly at our plant

Constant feedback from a dedicated **Project Manager**

Win with
QUALITY

RADMOT

Digital process control

Control is the mother of precision and there are no more reliable solutions than IT systems. In our company, the base is the ERP XL system from Comarch, extended by the Golem MES system and the ProControl quality management system. Together, they monitor the operation of all machines and allow multidimensional, **accurate management of each production batch.**

What does this mean for you?

Reducing the risk of missing a deadline by being able to react in real time

Immediate feedback on the quality of the batch produced

Constant feedback about the order



Judge the facts yourself

Complementing and confirming our readiness to work for the most demanding customers is, of course, our possession of an Integrated Quality Management System, consisting of ISO 9001:2015, ISO 14001:2015 and **IATF 16949** - so important for **Tier 1** contractors.

IATF
16949:2016



ISO
9001:2015



ISO
14001:2015



Driven by

OPTIMALISATION

RADMOT



Production automation

Efficiency is key in our industry and cannot be talked about without constant investment in process automation. We look at this holistically, from the management of raw material, to feeder systems and post-loading mechanisms, **to the full robotisation of production cells.**

Looking for facts?

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Robots

Automatic high-bay
warehouse

working with



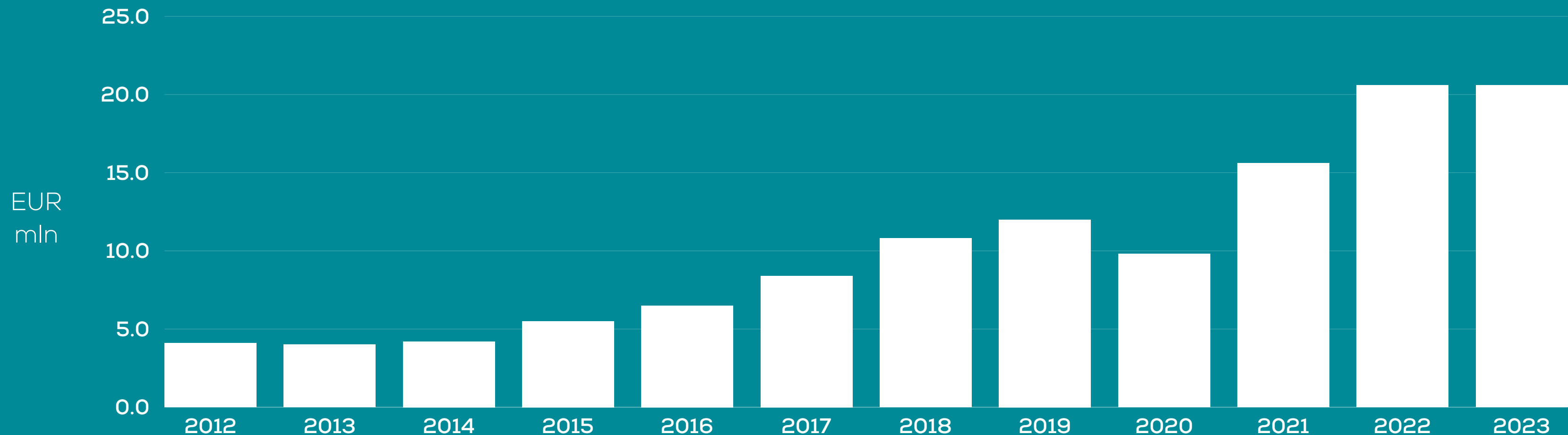
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CNC machines

Swiss-type automatic
loading machines

Evidence of a successful strategy

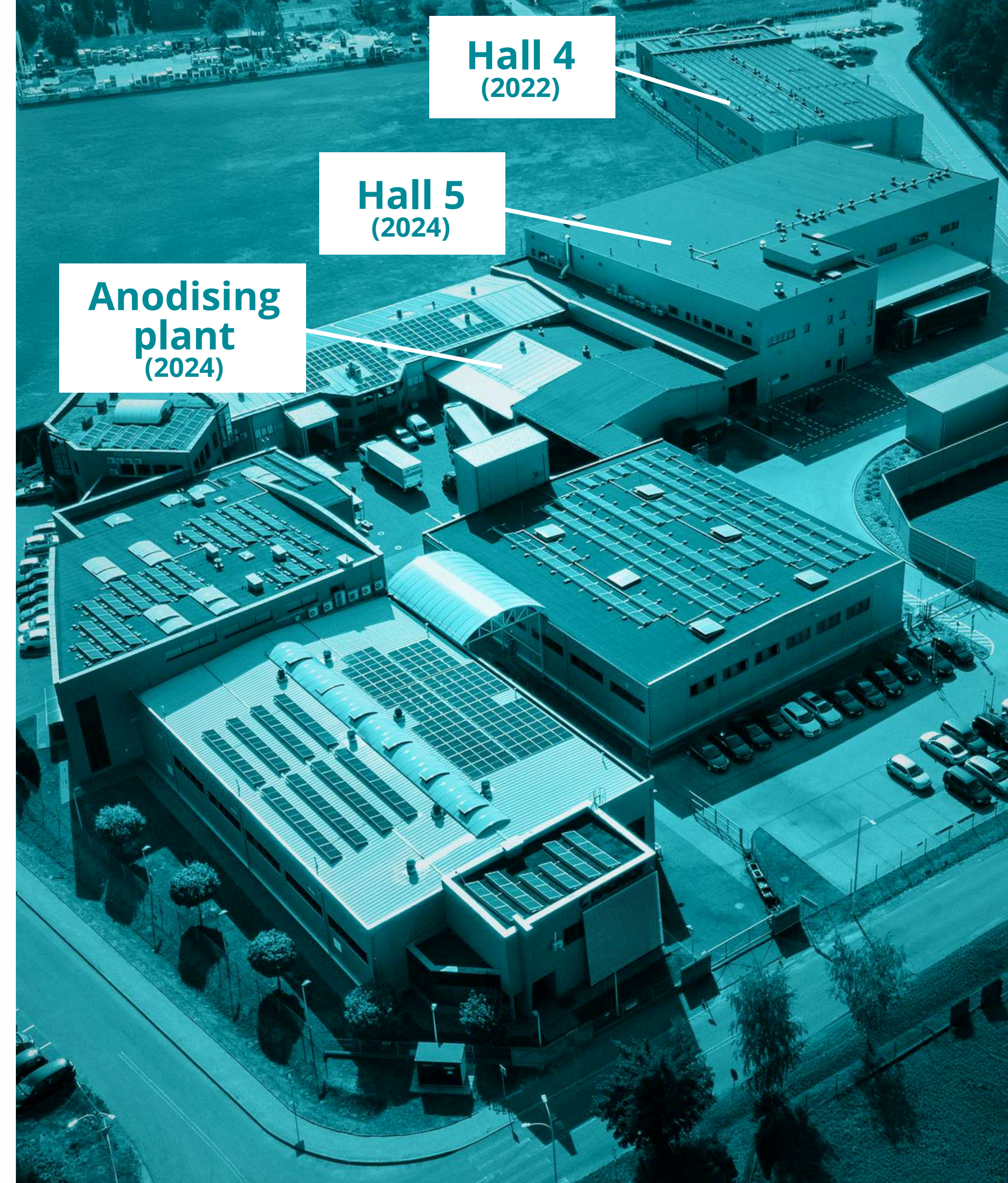
The figures speak for themselves. Our focus on a holistic approach to customer service has ensured our **steady growth**. We have grown more than fivefold in the last ten years and look to the future with confidence. This would not have been possible without a stable portfolio of strong, growing brands that have **chosen us consistently for many years**.



Not only are the numbers growing...

Growth requires space. In addition, we are particularly keen on good organisation and order in our processes, which is why we have almost **doubled our production area as a result of recent investments.**

This enables us to efficiently handle high volume orders with attractive delivery times, **also just-in-time**





How long will you wait for an offer?

Quick feedback and responsiveness is part of our corporate culture in every aspect of the business. Once you have sent your enquiry, you will receive **an acknowledgment from us within 24 hours** and a decision to start the quotation process.

What's more, it will take us no more than **5 working days** to prepare an offer for enquiries of less than 10 references.

Going forward, it takes us an average of w to prepare your templates:

4 weeks for services without dedicated cutting tools

6 weeks for services demanding dedicated cutting tools


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 **RADMOT**[®]
CNC TURNING AND MILLING



See the video