

Company Presentation

05.11.2021 rev12



AT A GLANCE

A family owned business.
Second generation in charge.

Management

Mr. Oğuzhan Arslan
Man. Director (Ind. Eng.)

Mr. Kaan Arslan
Man. Partner (Economics)

Head of Finance

Mr. Saruhan Arslan
(BA)

Tech. Manager

Mr. Murat Arslan
(Mech. Engineer)



14

NUMBER OF
ENGINEERS



120

22 White / 79 Blue

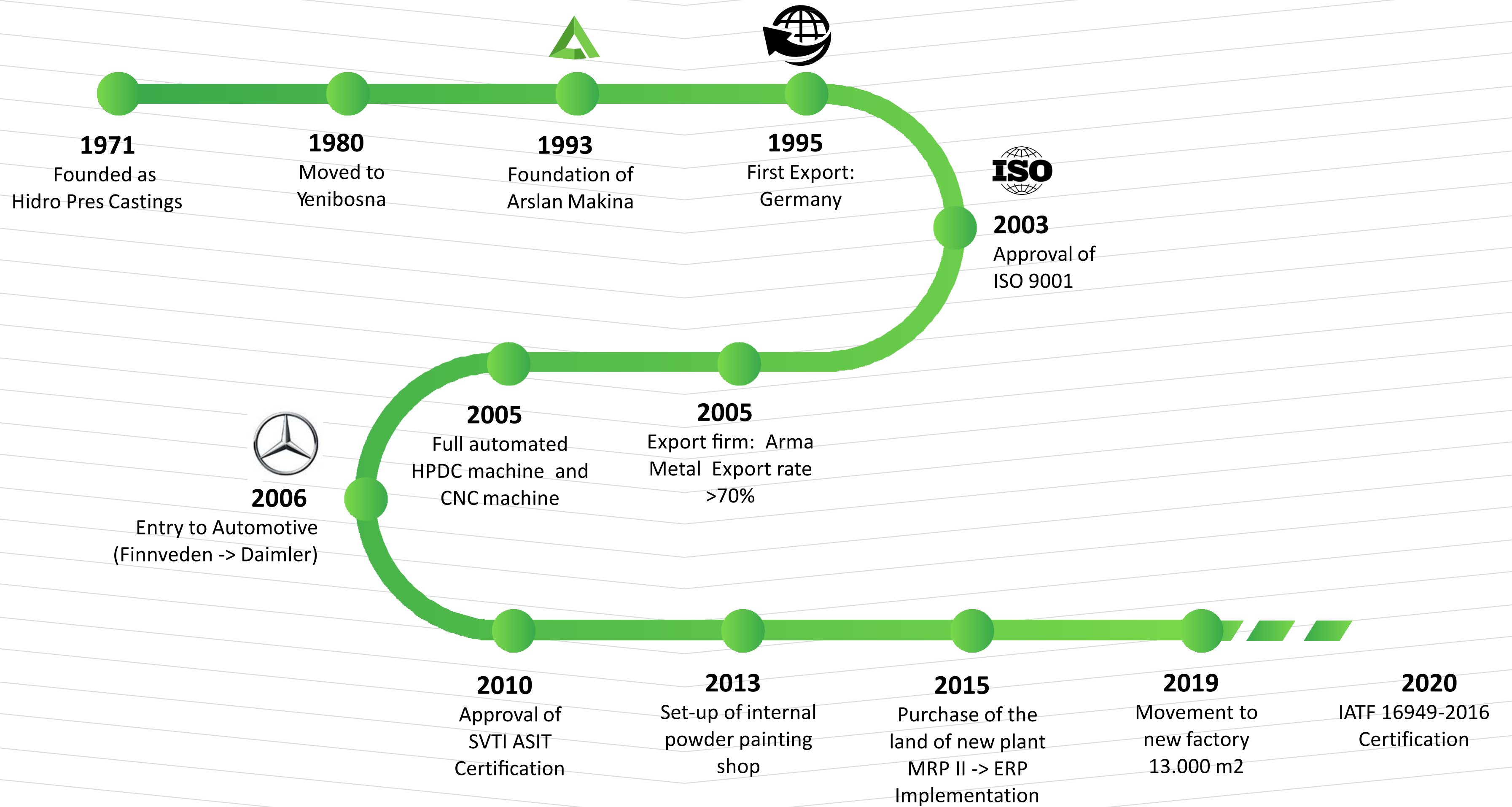
NUMBER OF
EMPLOYEES



13.000

M2 TOTAL
CLOSED AREA

MILESTONES



PRODUCTION GENERAL OVERVIEW

**ALU DIE
CASTING**



**CNC
MACHINING**



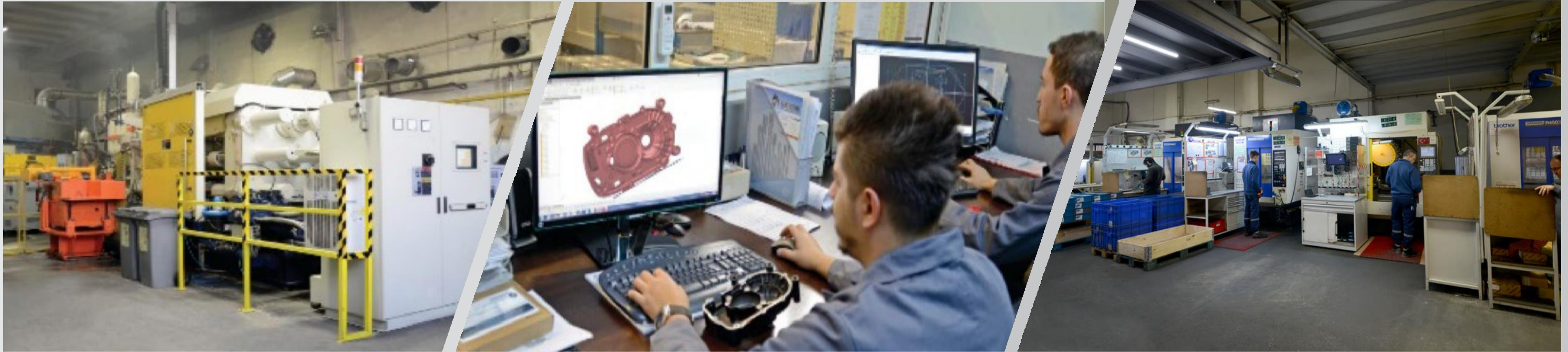
**TOOL &
FIXTURE DESIGN**



**POWDER
PAINTING**



/ CAPACITY / CAPABILITY INFORMATION



Die Casting

Pressure die castings in aluminium & zinc from 20 g to 6 kg

Aluminium gravity die castings up to 15 kg

Tool & Fixture Productions

Pressure & gravity die castings & trimming tool production

CAD Software => Solidworks
| CAM Software => ESPRIT

Tooling flow simulations



CNC Machining

4 axis precise milling, turning operations

CAPACITY / CAPABILITY INFORMATION



Powder Painting

Multi color powder paint shop



Assembly

Assembly of the components, helicoil inserting etc.



Custom Made Equipment

Custom made equipment can be made according to specific requirements.

/ CAPACITY / CAPABILITY INFORMATION



MRP => ERP + BI

Implementation completed for new ERP system.



Quality / Project

PPAP, APQP, SPC, FMEA, 8D studies can be handled for Automotive customers.



Export Experience

We are exporting products to various European countries since 1995.

bilişimERP[®]

Power BI

ALLOY TYPES & RELATED COLOR CODES

ARSLAN		HAMMADDE RENK KODLARI ALLOY TYPES AND RELATED COLOR CODES			
		KODU CODE	RENKLER / COLORS	EURO NORM	EN 1706
A L U M I N I Y U M	A 140	SARI YELLOW	SARI YELLOW	EN AC Al Si12(b)	EN AC 44100
	A 145	SARI YELLOW	KIRMIZI RED	EN AC Al Si12 Cu Ni Mg	EN AC 48000
	A 150	MAVİ BLUE	YEŞİL GREEN	ETİ NORM	E-150
	A 160	YEŞİL GREEN	YEŞİL GREEN	EN AC Al Si9 Cu3(Fe)	EN AC 46000
	A 171	MAVİ BLUE	SİYAH BLACK	EN AC Al Si10 Mg(Fe)	EN AC 43400
	A 177	YEŞİL GREEN	KIRMIZI RED	EN AC Al Si7 Mg0,3	EN AC 42100
	A 231	SARI YELLOW	YEŞİL GREEN	EN AC Al Si12(Cu)	EN AC 47000
ZAMAK	Z 005	BEYAZ WHITE	SİYAH BLACK	Zn Al4 Cu1	Z-005

PARÇA KODLARI / PART CODES	
XX YY ZZZZ PP	YARDIMCI AÇIKLAMA (Paketleme vb. Yardımcı bilgiler) EXTENSION DESCRIPTIONS (Packing, etc.)
	HAMMADDE CİNSİ (A140 , Z005 gibi) RAW MATERIAL (A140 , Z005 etc.)
	ÜRÜN SIRA NUMARASI (01,02,03.....,99) PART CODE (01,02,03.....,99)
	MÜŞTERİ SIRA NUMARASI (01,02,03.....,99) CUSTOMER CODE (01,02,03.....,99)

SECTORS & COUNTRIES

AUTOMATION

ENERGY

AUTOMOTIVE

HYDRAULICS

AIR SYSTEMS

INDUSTRIAL

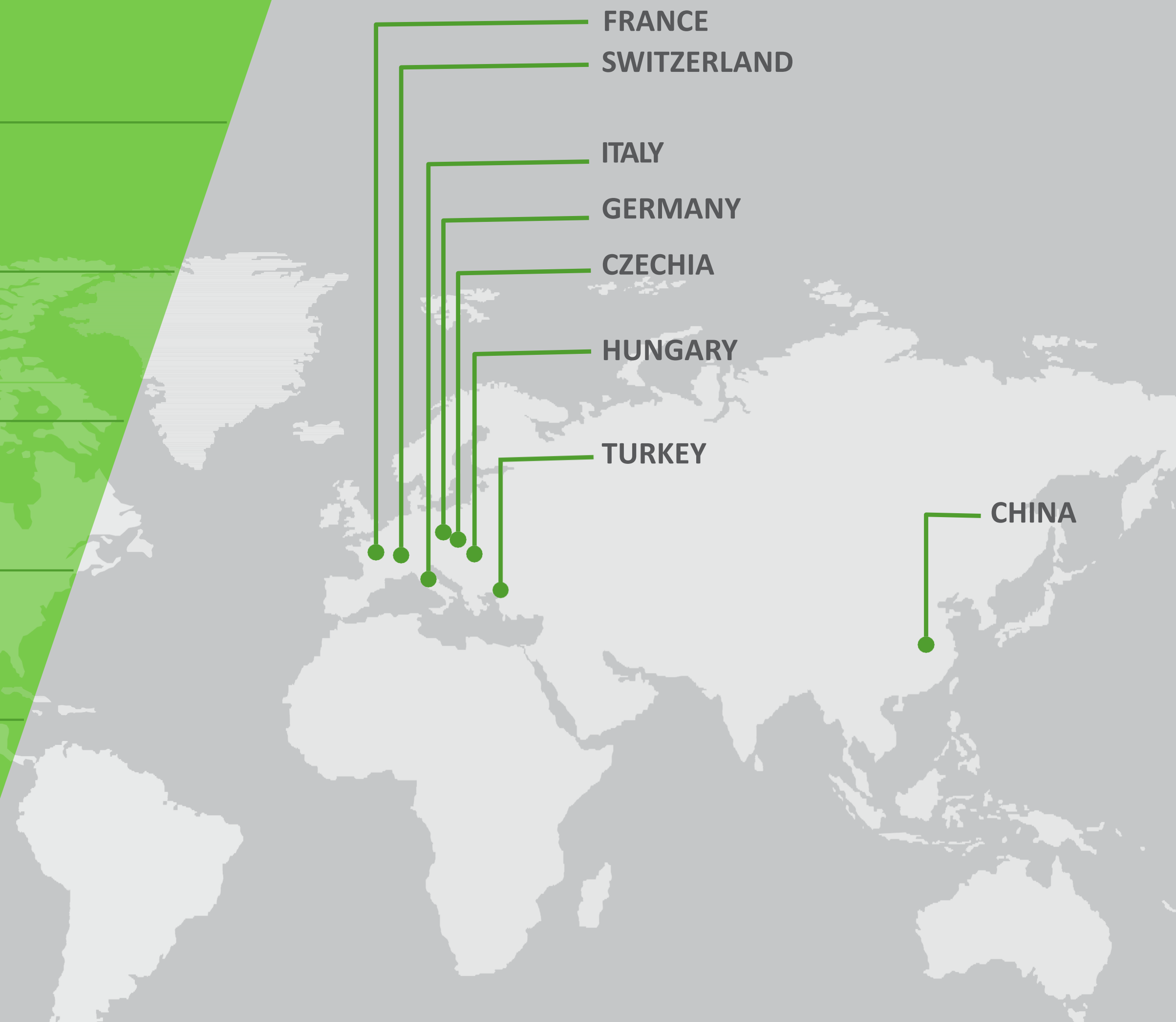
CASTING

LIGHTNING

DRIVE TECH.

TELECOM

ELECTRONIC



FRANCE

SWITZERLAND

ITALY

GERMANY

CZECHIA

HUNGARY

TURKEY

CHINA

CERTIFICATES



TÜV NORD

CERTIFICATE

Management system as per
IATF 16949:2016
(1st edition, 2016-10-01)

Evidence of conformity with the above standard has been furnished and is certified for

ARSLAN MAKİNA DÖKÜM SAN. TİC. LTD. ŞTİ.
Deliklikaya Mah. Elmadağ Cad. No: 16
34555 Arnavutköy - İstanbul
Turkey

Scope

Manufacturing of pressurized and gravity casted, machined, painted and assembled parts from light alloys

without product design responsibility (according to section 8.3)
with the remote functions according to appendix

IATF Registration No. 0374742 Issue date: 2020-11-08
Certificate Registration No. 44 111 191809 Expiry date: 2023-11-07

Michael
Certification body
at TÜV NORD CERT GmbH Essen, 2020-11-08

This certification was conducted in accordance with the IATF „Rules for achieving and maintaining IATF recognition”.
Validity can be verified at <https://www.tuev-nord.de/de/unternehmen/zertifizierung/zertifikatsdatenbank>.

TÜV NORD CERT GmbH Langemarckstraße 20 45141 Essen www.tuev-nord-cert.de



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IATF 16949



CERTIFICATE 

for the management system according
to ISO 14001:2015 and ISO 45001:2018

The proof of the conforming application with the regulation was furnished
and in accordance with certification procedure it is certified for the
company

ARSLAN
ARSLAN MAKİNA DÖKÜM SAN. TİC. LTD. ŞTİ.
Deliklikaya Mah. Elmadağ Cad. No: 16
34555 Arnavutköy-Istanbul / TURKEY

Scope

Pressurized and gravity casting, machining, painting and assembling of light alloyed parts for automotive and other industries.

Certificate Registration No.: TIC 15 104 211869 Valid until: 2024-02-21
TIC 15 118 21432 Valid from: 2021-02-22

Audit Report No.: 3330 3CRP A0

This certification was conducted in accordance with the TIC auditing and certification procedures and is subject to regular surveillance audits.

Michael
TÜV Thüringen e.V.
Certification body for
systems and personnel Jena, 2021-02-22



Original certificates
are branded with a hologram.

The current validity can be demanded at our homepage www.tuev-thueringen.de.
Zertifizierungsbüro des TÜV Thüringen e.V. • Ernst-Ruska-Ring 6 • D-07746 Jena • ☎ +49 3641 369740 • ✉ zertifizierung@tuev-thueringen.de

ISO 14001-45001



TÜV NORD

CERTIFICATE

Management system as per
ISO 9001 : 2015

In accordance with TÜV NORD CERT procedures, it is hereby certified that

ARSLAN

Arslan Makina Döküm San. ve Tic. Ltd. Şti
Deliklikaya Mah., Elmadağ Cad., No 16, Arnavutköy,
TR-34555 İstanbul,
Turkey

with the location Arma Metal İthalat İhracat San. ve Tic. Ltd. Şti.
Deliklikaya Mah., Elmadağ Cad., No 16/1, TR 34555 Arnavutköy, İstanbul, Turkey
applies a management system in line with the above standard for the following scope

Manufacturing of pressurized and gravity casted, machined , painted and assembled parts from light alloys

Certificate Registration No. 44 100 15530017 Valid from 2020-10-23
Audit Report No. TR 1597 Valid until 2023-10-22
Initial certification 2015

Michael
Certification Body
at TÜV NORD CERT GmbH İstanbul, 2020-10-23

This certification was conducted in accordance with the TÜV NORD CERT auditing and certification procedures and is subject to regular surveillance audits.

TÜV NORD CERT GmbH Langemarckstraße 20 45141 Essen www.tuev-nord-cert.com



25302

ISO 9001

TEST CAPABILITIES

Dimensional Inspection - Mitutoyo Crysta 3D CMM

Porosity Level Test – Stereo Microscope

Coating Thickness Test

Chemical Analysis - WAS Spektrometer

Hardness Test - Affri Hardness Tester

X-Ray Inspection- YXLON – 225Kv – MU 2000 (2018) Tensile

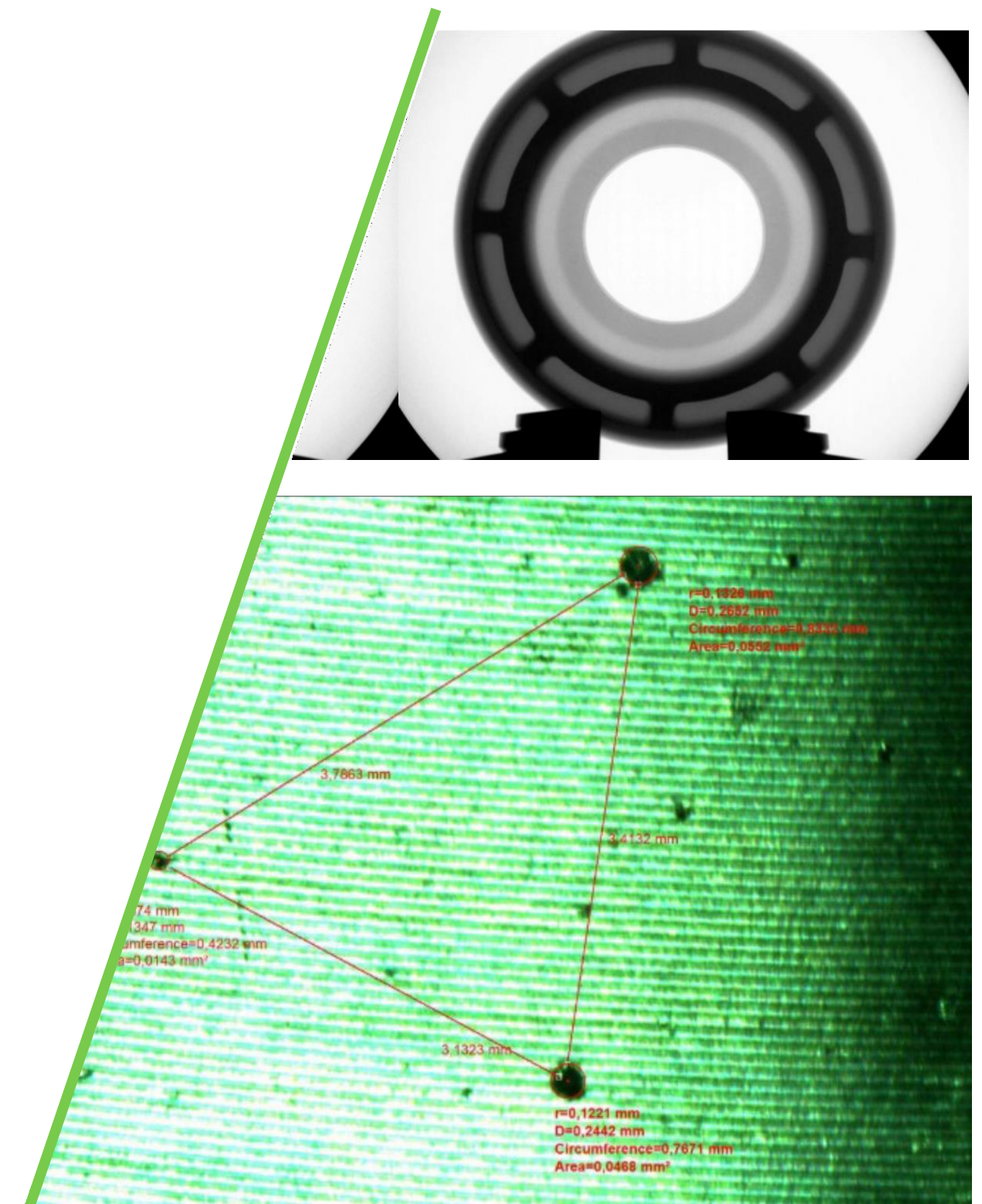
Test – External Lab (Rm, Rp, %Elong.)(KOSGEB) Special Test

Fixtures & Gauges

Zeiss 3D CMM

Mahr Surface Roughness and Contour Measurement

RPT Density Control



TEST CAPABILITIES



X-Ray Inspection
Yxlon

Surface Roughness and Contour Measurement
MahrSurf

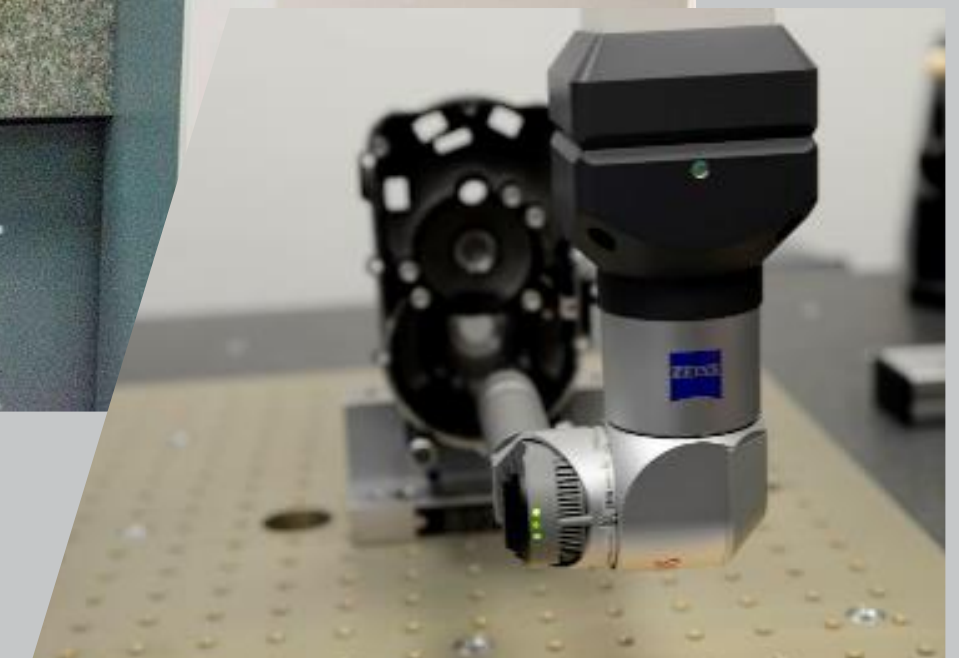
MEASUREMENT CAPABILITIES



Tool Measurement
Zoller



3D CMM
Zeiss

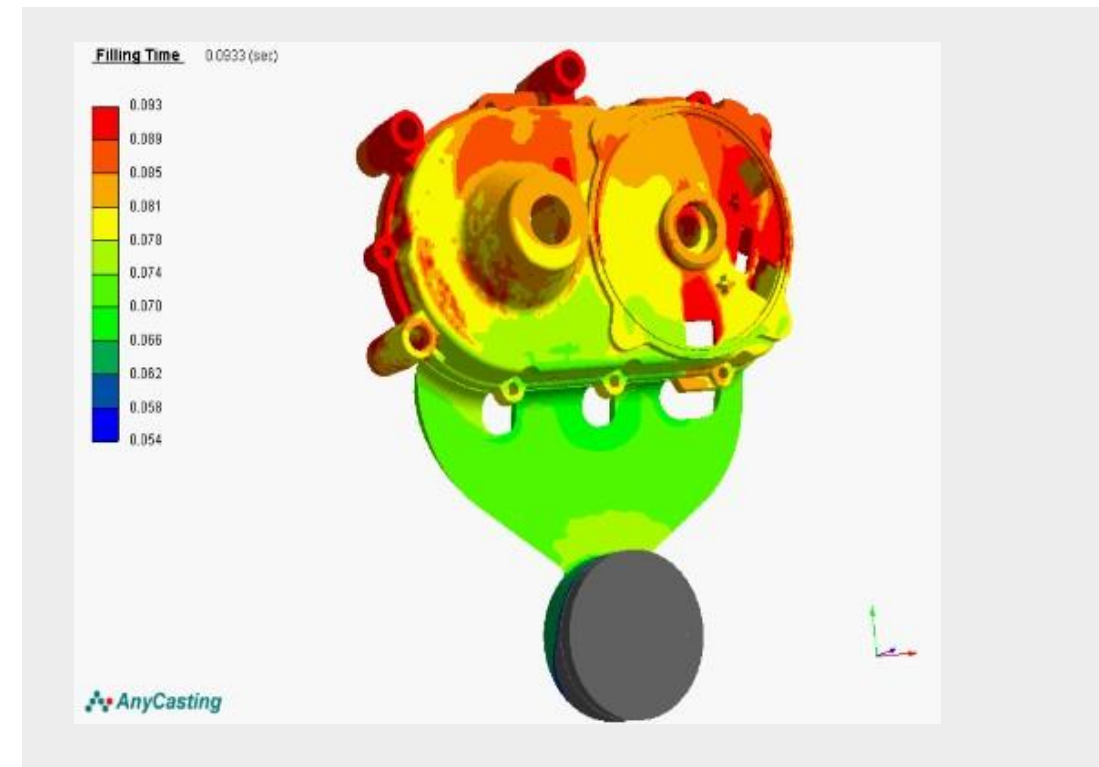


CASTING SIMULATION

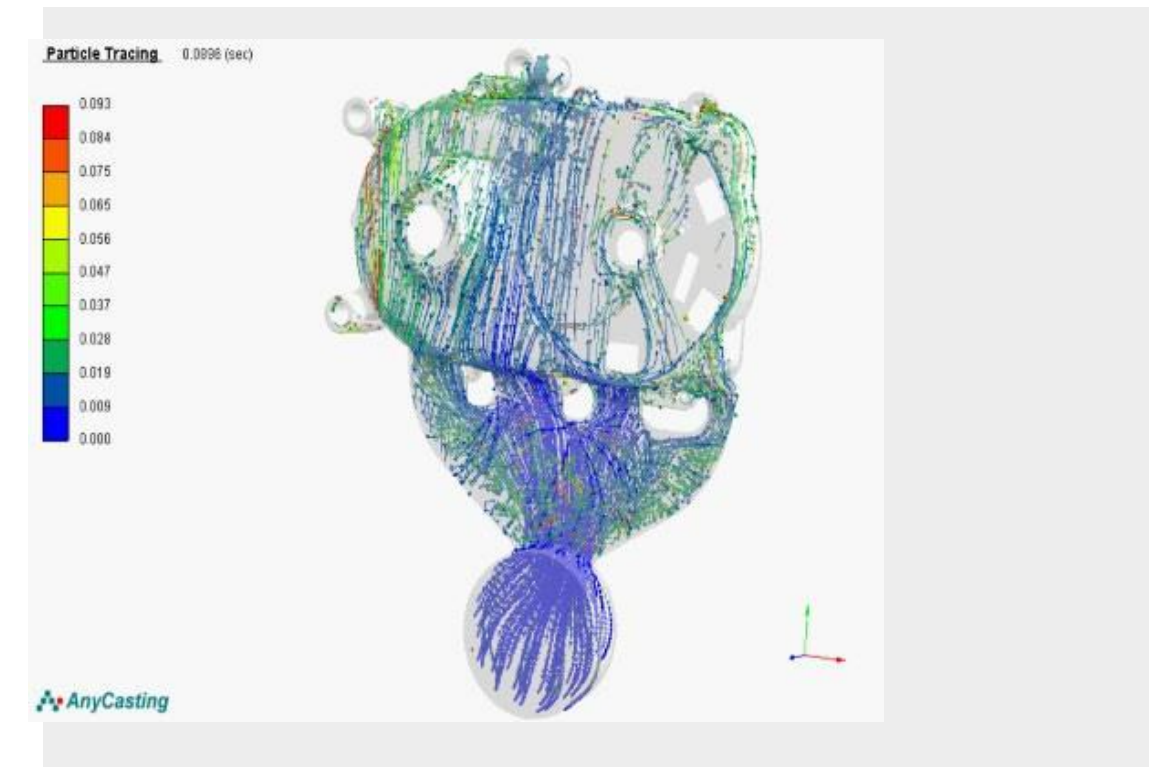
New project designs, optimised for better castings with close customer cooperation.

To enhance better results in new projects Casting Simulation Software "ANYCASTING" is used for,

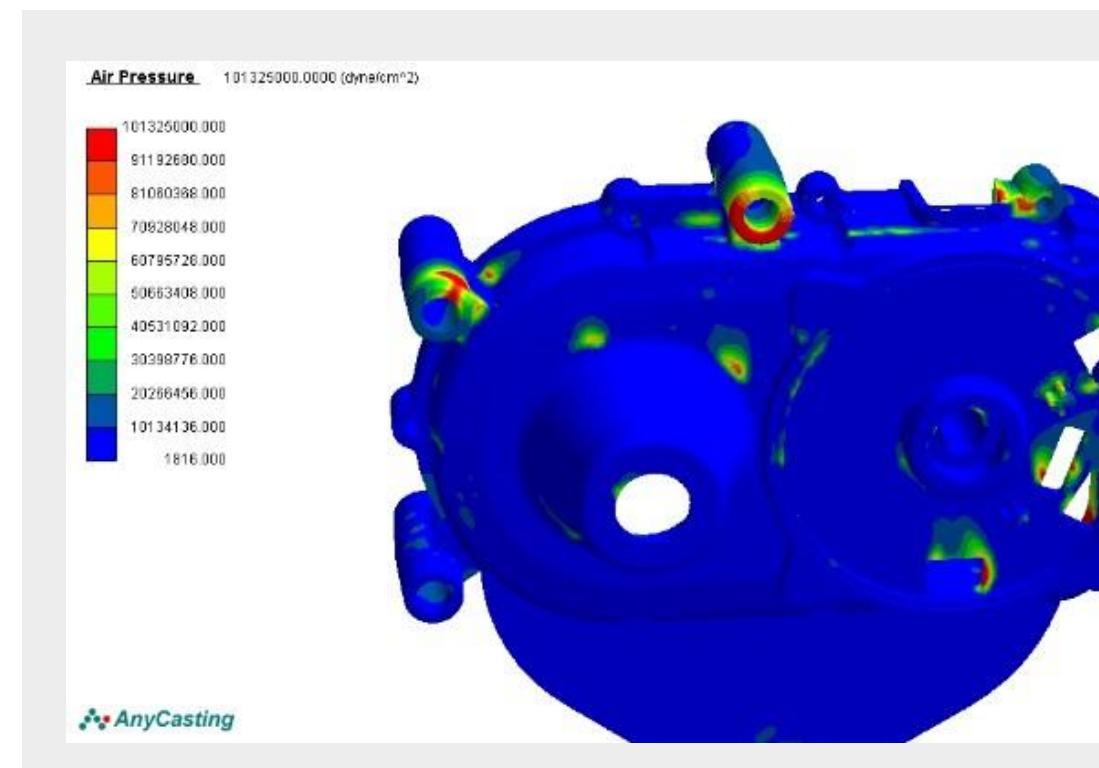
- Liquid Filling Analysis
- Solidification Patterns



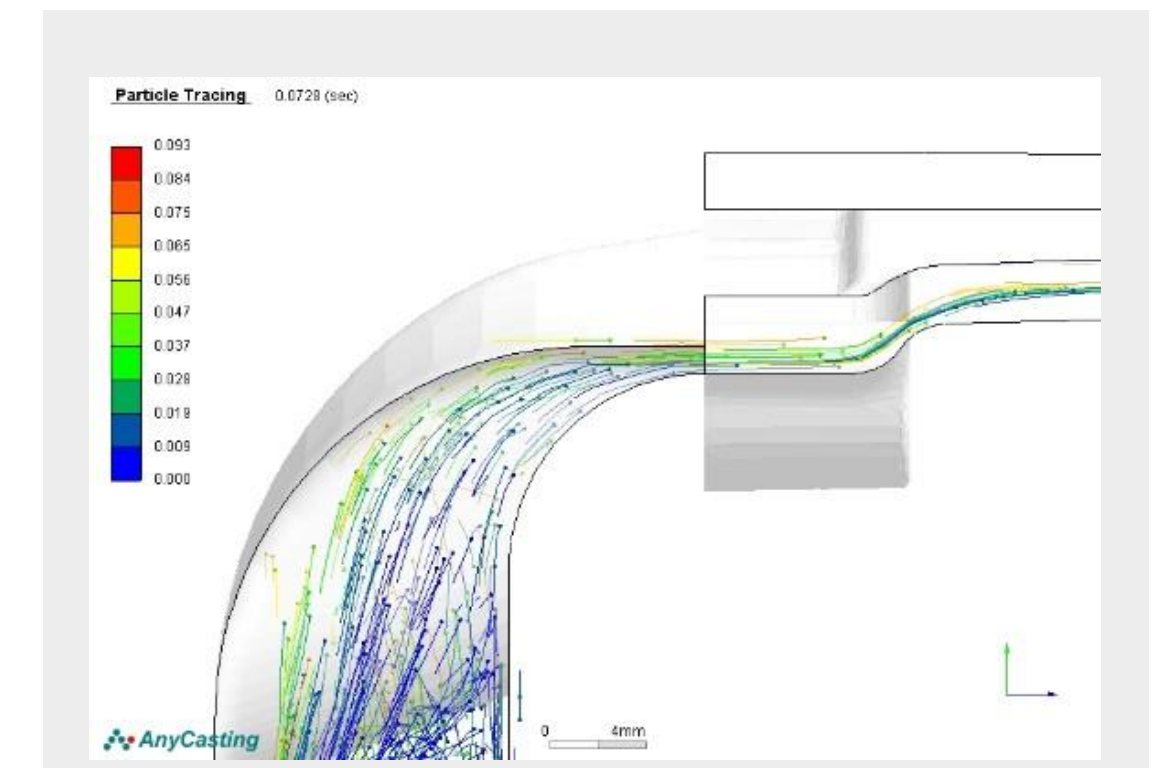
Filling Time, Material Flow



Particle Tracing

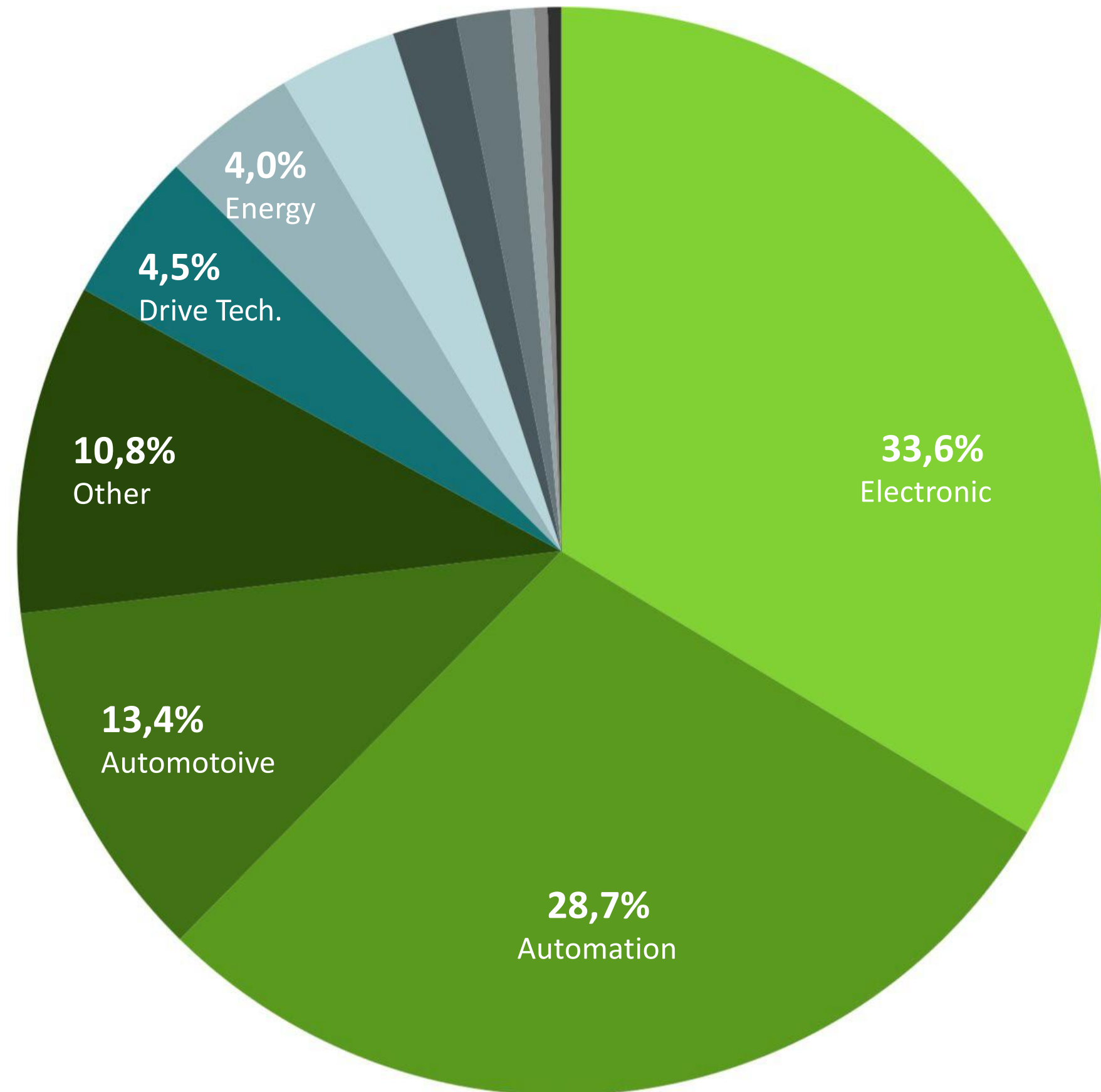


Air Pressure



Runner Optimisation

2021 TURNOVER RATIO



Sector	Turnover Ratio
Electronic	33,6 %
Automation	28,7 %
Automotive	13,4 %
Other	10,8 %
Drive Technology	4,5 %
Energy	4,0 %
Lighting	1,9 %
Industrial	1,6 %
Air Systems	0,7 %
Telecom	0,4 %
Hydraulics	0,4 %

PHOTO GALLERY

Foundry

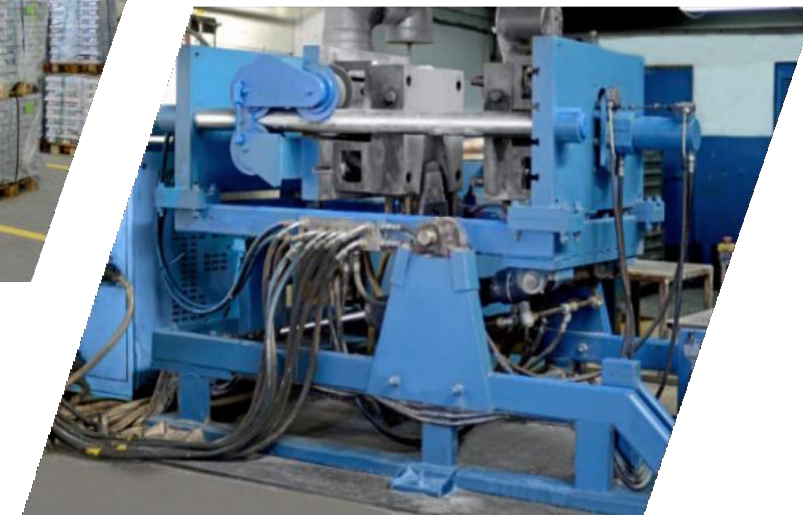


PHOTO GALLERY

Machining



PHOTO GALLERY

Tooling



PHOTO GALLERY

Shot Blasting & Vibro Deburring



PHOTO GALLERY

Washing / Helicoil Insertion / Assembly



PHOTO GALLERY

Final Q.C. & Packaging





Part Name	Deckel VS	PM80 Lagerschale	Bursting Disc Deflector	Connection Lever Stiff
Material	EN AC 46000	EN AC 46000	EN AC 42100	EN AC 42100
Weight	360 g	150 g	2.660 g	980 g
Cavity	1	2	1	1
Annval Qty.	4.000-6.000	8.000-10.000	4.000-7.000	5.000-7.500
Sector	Valve Systems	Drive Systems	Energy	Energy



Due to the requirements of Customer Confidentiality, we can only show you a small sample of the wide range of components we currently manufacture.



Part Name	Pressure Relief Device	Drosselklappen Gehäuse	B-Lagergehäuse	Deckel Cet
Material	EN AC 43400	EN AC 43400	EN AC 46000	EN AC 47000
Weight	3.080 g	2.100 g	550 g	75 g
Cavity	1	1	1	1
Annval Qty.	1.000-2.000	1.000-2.500	2.000-3.000	40.000-60.000
Sector	Energy	Engine Systems	Electric Bike	Safety Switch



Due to the requirements of Customer Confidentiality, we can only show you a small sample of the wide range of components we currently manufacture.



Part Name	Pedelec Safety Cover	J Box and Cover	Gehause Links	Gehause STP
Material	EN AC 46000	EN AC 46000	EN AC 46000	EN AC 47000
Weight	850 g	750 g	665 g	150 g
Cavity	1	1	1	1
Annval Qty.	5.000-10.000	2.500-5.000	80.000-100.000	40.000-60.000
Sector	Safety Systems	Electric System	Electric Bike	Safety Switch



Due to the requirements of Customer Confidentiality, we can only show you a small sample of the wide range of components we currently manufacture.



Part Name	DEUTZ BRAKET	MTC 6/15'' Housing	PTXB-10'' Housing	DECKEL Ø24
Material	EN AC 46000	EN AC 46000	EN AC 43400	EN AC 46000
Weight	106 g	2.100 g	950 g	70 g
Cavity	4	1	1	4
Annval Qty.	90.000-110.000	3.000-5.000	80.000-100.000	80.000-100.000
Sector	Automotive	Electonic	Electric Bike	Electric Bike



Due to the requirements of Customer Confidentiality, we can only show you a small sample of the wide range of components we currently manufacture.

EXPANSION IN NEW PLANT

(COMPLETED IN 2019)

Description

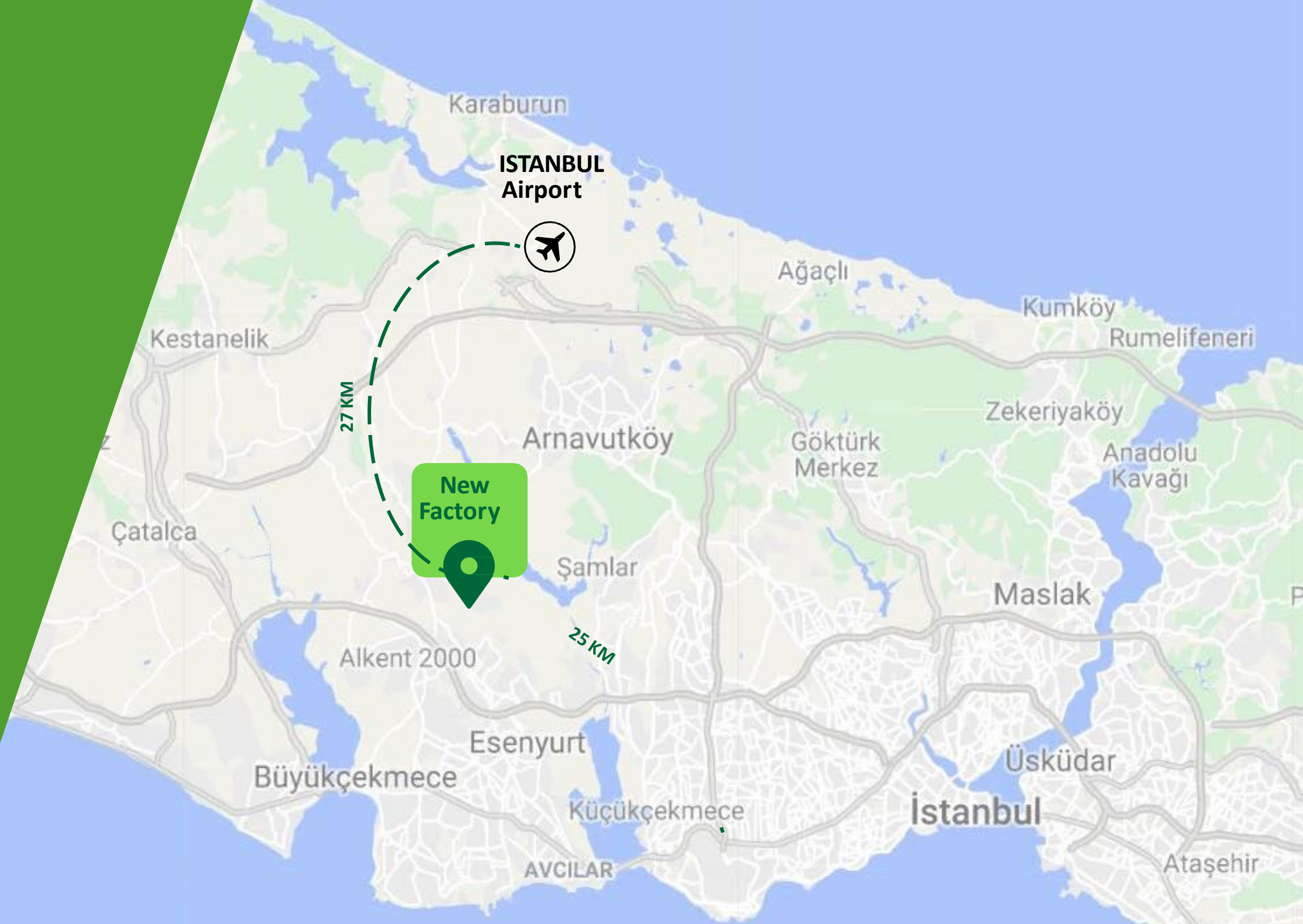
Our new premises is in the new Organized Industry Area with modern infrastructure. (DESB-Arnautkoy / Industrial Zone)

Location

27 Km South Direction from New ISTANBUL Airport.
Easy Access to New Airport

Facts

Total Closed Area 13.000 m²
Optimized Production Lay-out
Quadrupled Area for New Investments



EXPANSION IN NEW PLANT

(COMPLETED IN 2019)

Description

New factory building investment by ARSLAN in the new Organized Industry Area with modern infrastructure.
(Hadımköy Industrial Area)

Location

25 Km West Direction from Atatürk Airport.
27 Km South Direction from New 3rd Airport.
Easy Access to New Airport

Facts

Total Closed Area 13.000 m²
Optimized Production Lay-out
Quadrupled Area for New Investments



KEY CONTACTS AT ARSLAN



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Mr. Kaan Arslan
Admin. Gen.Manager
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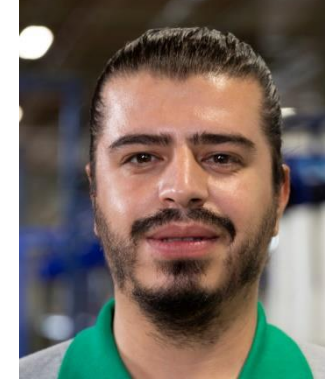
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Thank you for
your attention.

