



Alfa Purchasing Service Industry & Trade Ltd.

COMPANY Introduction

We would like to take this opportunity to introduce our company ALFA Purchasing Service Industry & Trade Ltd. We are a company in automotive business under regulatory compliance headquartered in Turkey. For our line of products we manufacture and supply a diversified and continually growing line of components that meet and exceed customer expectations regarding quality and value. We enjoy an unprecedented experience of over 30 years “experience” in purchasing and cost engineering in automotive and non-automotive industry with our network of suppliers for various markets as we provide, competitive purchasing agreements, logistics, pertinent testing and quality certificates by our sub-suppliers. We believe that components as rubber bushings, laser cut parts or formed steel plates, plastic injection parts, plastic vacuum formed parts, suspension springs, machined parts, rotation mould parts have a very good potential for product cost, logistic cost, quality and providing period respect to competitive production site locations. We believe that our service can well compliment your company for supply both OEM and spare parts.

Sincerely,

Selçuk Kaboğlu.

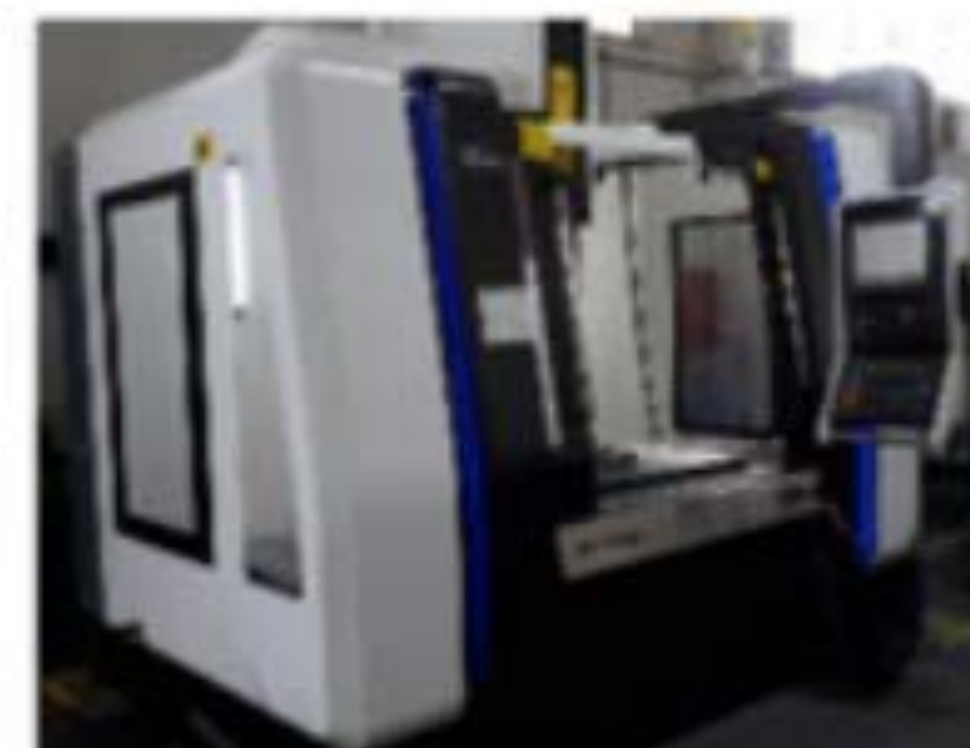
selcuk.kaboglu@alfapurchasing.com

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Rubber Bushings



1 Gibitre SRL rheocheck
1 Gibitre SRL tensocheck
2 Rubber injection press
OE Technology production tracking application
TAYSAD Lean production program 2nd pack
1 Forklift 2,5 tons
1 DESMA rubber injection press
Crimping Machine
Bushing durability test chamber
Rational video measurement device
Rounded surface thickness measurement device



PROCESSES



Compound preforming
Vulcanization
Surface preparation (Sand blasting,
phosphate coating, bonding painting)
Tool manufacturing
Cutting
Machining
Plastic blow molding
Plastic Injection
Crimping



PRODUCTION CAPABILITIES

We are able to produce more than 15 million rubber parts/year We can vulcanize 2 tons of rubber compound and bond 75.000 metal sleeves per day.

Lean production. Batches are always latest production with the ordered quantity. We are flexible to design changes since we produce in minimum stock level.

'Excellence in Production and Production Development' studies 1st phase was completed in 2021. Second phase started in July 22 and will continue until end of 2023.

PURCHASING

We are located in an industrialized zone of Turkey and all our suppliers are located max 3 hours away from our plant by car.

We have the greatest quantity of consignment stock of steel tubes which helps us to serve our customer for various dimensions of product in the shortest time. The stock consist of 500 different references and 1.500.000 pieces.



PRODUCT GROUPS



Shock absorber bushings (Double bounded, bounded, triple bounded and special studies according to customer demands)

Metal, plastic and rubber bushings

Seals

TPU bushing

TPU rebound stoppers

Vibration dampers

Dust covers (Plastic and rubber)





PROJECT CAPABILITES

SOP realization time 6 Weeks from nomination.

200 new parts / year

We produce fast, with the most feasible cost and in the expected quality level.

TEST CAPABILITIES

Radial Stiffness

Bending test

Push-out test

Bound ability test

Rheocheck

Hardness

Geometrical dimensions

Bushing durability test facility



Current Capabilities

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QUALITY CAPABILITIES AND CERTIFICATES

We have IATF 16949:2016, ISO 14001: 2015 certificates.

Lead time to first response to customer in case of problem is 8hrs max.

12 dedicated quality staff.

Able to permanently solve issues with in 4 weeks max.



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CNC Parts



2005

In 2005, the company started to produce for FIAT INDUSTRIAL SPA and FIAT POWERTRAIN TECHNOLOGIES SPA and export to Italy for the first time.

In 2007, the company obtained the ISO 14001 certificate.

2007



2010

In 2010, DYTECH ITALY was added to our company portfolio.

In 2010, we were honored with a quality prize by TOFAŞ, the giant OEM of Turkey.

2010



2014

In 2014, GKN Driveline was added to our company portfolio.

In 2018, we were honored with a quality improvement prize by GKN Driveline

2018



CNC Laser Machine:



CNC Fiber 2 KW

- Max. Process Dimensions : x= 3000 mm y= 1500 mm
- 2D Sensitive Cutting Thickness:
 - On Carbon Steel Sheet till to 15 mm
 - On Stainless Steel Sheet till to 8 mm
 - On Aluminium Sheet till to 6 mm



CNC Press Brake Machine:



1 CNC Bending 200 Ton

- Max. Process Dimensions : 3110 mm
- Bending Thickness: Till to 10 mm
- Laser Safe Instrument

1 CNC Bending 40 Ton

- Max. Process Dimensions : 1300 mm
- Bending Thickness: Till to 6 mm
- Laser Safe Instrument



CNC Milling Machine:



1 CNC Milling BF70150 1500x700x700 3D

1 CNC Milling IMM 600 610x500x500 4D



CNC Turning Machine:

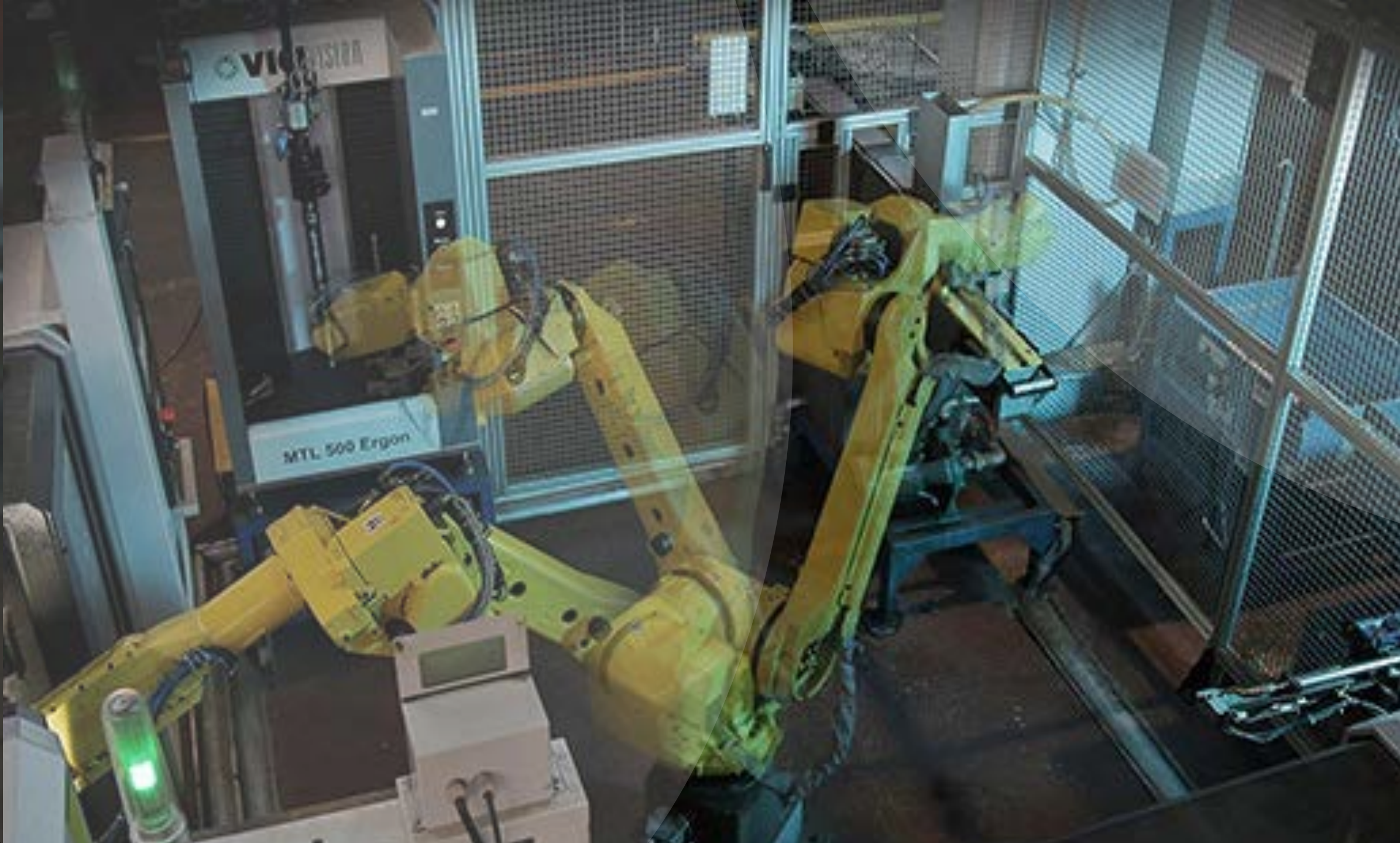
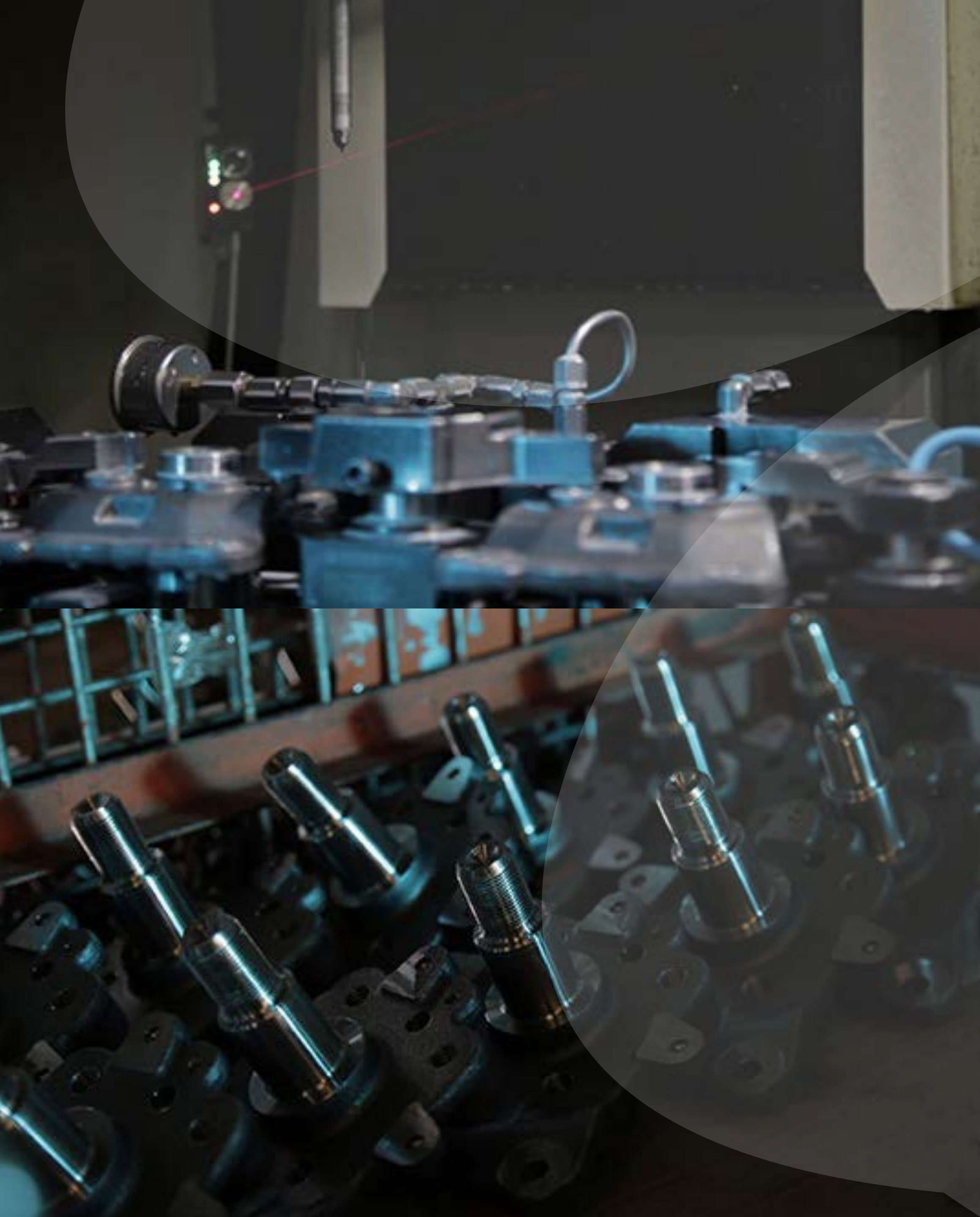


2 CNC Turning EX108 Dia 400 mm 530 mm

1 CNC Turning EX105 Dia 200 mm 110 mm

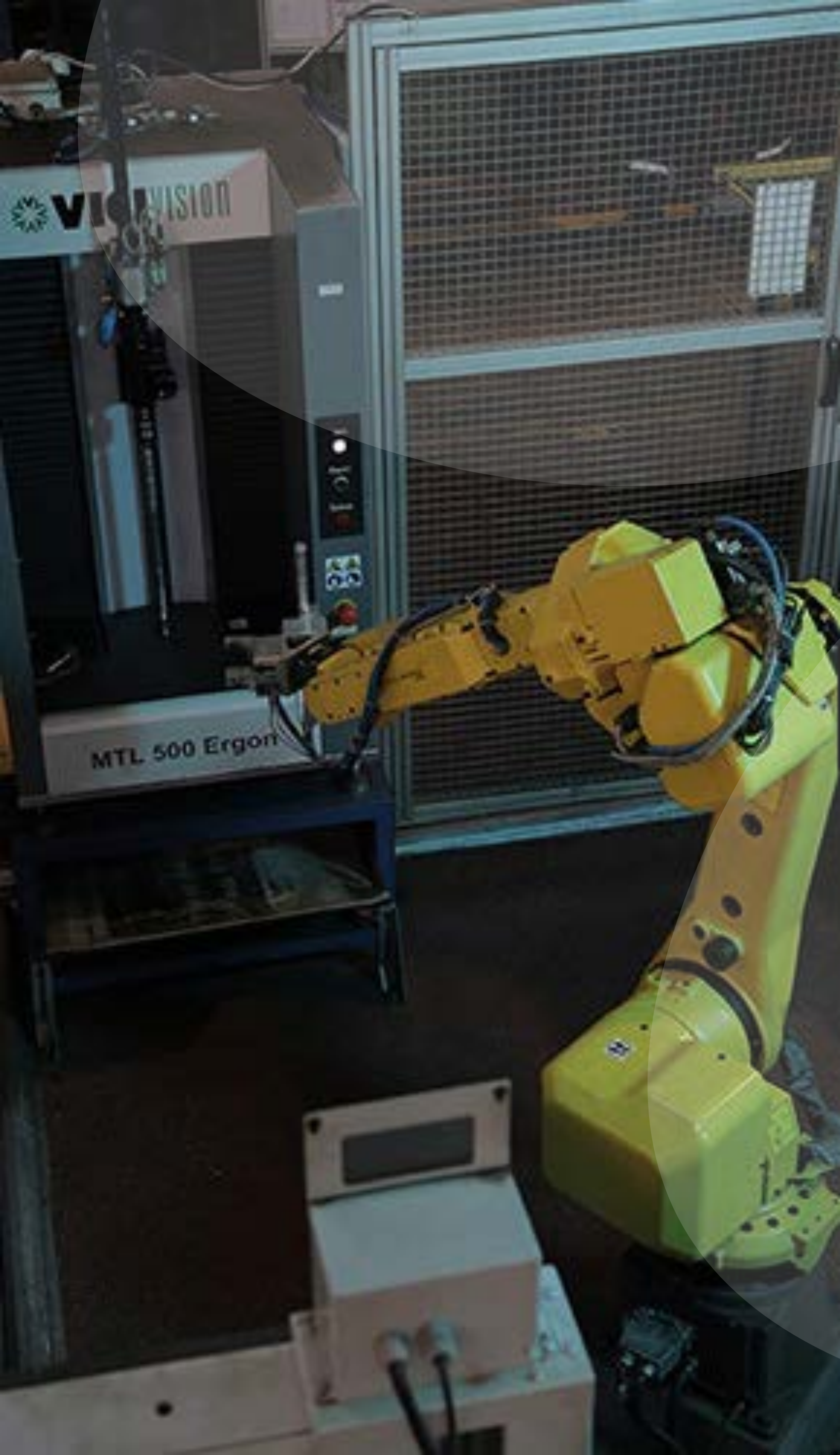
1 CNC Turning LA 600L Dia 400 mm 600 mm





Current Machinery

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Current Machinery

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Engine Products Group

Engine Connection Parts
Interconnection elements made of cast and forged material (Engine Mountings), which provide the interface between the engine communities.

Engine Mounting Auxiliary Components
Pulleys fitted on the engine.



Product Sampels

Gearbox Product Group

Gearbox Interior Detail Parts

Heat treatment and grinding operations (with precision of 5 micron diameter tolerance) of gearshifts and reverse gearshift are made after processing in Swiss type lathes.

Gearbox Outer Detail Parts

The parts that provide the interconnection of the gearbox assemblies and the parts obtained by aluminum injection are machined in CNC machining centers.



Vehicle Body And Various Connecting Parts

The parts produced in this context are given below.

Safety hooks of sliding door mechanisms of commercial vehicles.
Special screws for cabin separators of commercial vehicles.
The valves that are used in air condition system.
Mass damper parts to eliminate the vibration on air conditioning pipes.
Steering wheels and special bushings.
Clutch lever control panel.



Suspension Product Group

Front Suspension Connection Parts

The production of bar shaft parts connected to the front wheel group and other intermediate parts is carried out by measuring 100% on fully automated (robotic) lines. Considering current customer demands, our production lines are machined within 300 mm. to 700 mm. and Size from Ø 10 mm. to Ø 60 mm.

The Rear Suspension Connection Parts

Rear hub (fuzo) that fitted to the rear suspension group based on vehicle brake type.(disk and drum) .The shaft section of the part (mounting of bearing) is machined with 5 μ diameter tolerances in C-Axis turning Lathes.



The Calibration and verification of laboratory equipment are periodically carried out by accredited organizations and competent staff. MSA and SPC methods are used to ensure the continuity of product quality. These periodic studies allow us to obtain data on the general orientation of our products' quality and to take precautions before errors occur in these data. Geometric and dimensional measurements, mechanical tests, micro and macro structure analyzes of the products produced are performed in our laboratory. Our quality system that aims zero-defect conditions. In our laboratory, we follow the technological developments and attach importance to educating qualified staff and within this scope continuous improvement activities are applied.



IATF 16949 - First Edition

and the applicable customer specific requirements



SCOPE

Manufacturing

PERMITTED EXCLUSION(S)

8.3 - Design and development of products and services

PRODUCT(S) DELIVERED

Machined parts: gear shaft, gear bushes, suspension bushes, wheel hub, alternator support and various fasteners

Date Of Certification: **26-05-2021**

Date Of Expiration: **25-05-2024**

IATF Certificate N°: **402245**

Bureau Veritas Certification Certificate N°: **TR010386- IATF**

Revision:1

"Our quality policy is to achieve quality, efficiency, internal and external satisfaction targets all areas of our business, based on the principles of "A Powerful and Dynamic Organizational Structure", "Customer Orientation" and "Continuous Improvement".

Continuous improvement

To ensure the highest standards in terms of reliability and quality of our products, to eliminate failures by adopting the appropriate quality system, to do the right thing at the first time, to standardize what we do, and to verify that works are performed according to the standards

To adopt the principle of continuous improvement in every link of the value chain, to create values that increase our efficiency and profitability, to practice a simple management and production style throughout our company

To continually improving the effectiveness of our quality systems, thus to fully implement them in all our business processes.

Customer Orientation

To accurately define various expectations and special needs of our customers on time through fast and effective communication and thus to fully meet them

To fully achieve the prescribed quality, cost and time goals

To establish and develop new mutually beneficial collaborations,

Employee satisfaction

To provide self-development opportunities for our employees thus increasing their satisfaction and motivation, and to provide trainings that increase technical and behavioral competencies,

To improve our innovative structure that our employees will be proud of being a part of it

To create a relaxing, healthy and productive working environment

To maximize motivation by benefiting from the ideas of our employees at the highest level

To strengthen the communication inside and outside the company

To guarantee the future, to increase our competitive power

To raise our financial strength by increasing the efficiency of our company

To increase our rate of growth thus also increasing our market share and competitive power

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Rotative Mould Parts

Current Machinery

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CNC Pipe Cutting Machine:



1 CNC Pipe Cutting Dia 100 mm x 6000 mm



Universal Milling Machine:



2 UNI Milling SMARC 600X300



Universal Turning Machine:



1 UNI Turning LA200L Dia 470 mm 600 mm

1 UNI Turning Dia 250 mm 2000 mm

1 UNI Turning Zime 300 mm 1000 mm



Guillotine Scissors Machine:



1 NC Guillotine 3000 mm



Welding Workshop:



- Argone, Undergase, Laser, Spot Welding Machines



Painting plant:



- Electrostatic powder coating



Polissage Plant :



- Surface Treatment of Stainless Steel Sheet Materials



Welding Workshop:



- Argone, Undergase, Laser, Spot Welding Machines



Fuel Tanks

Trattore Roof Covers



Add Blue Tanks

Expansion Tanks

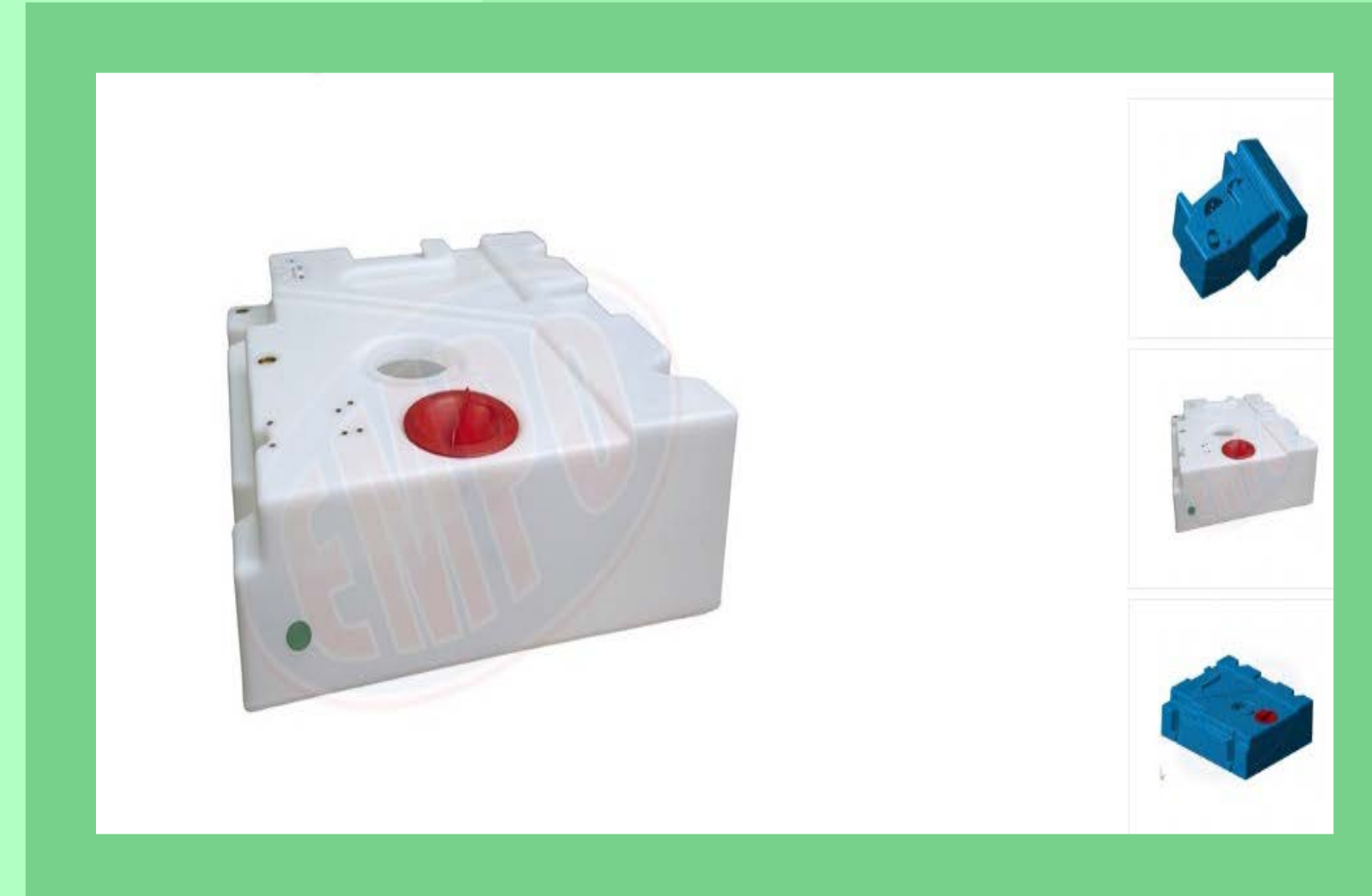
Oil Tanks



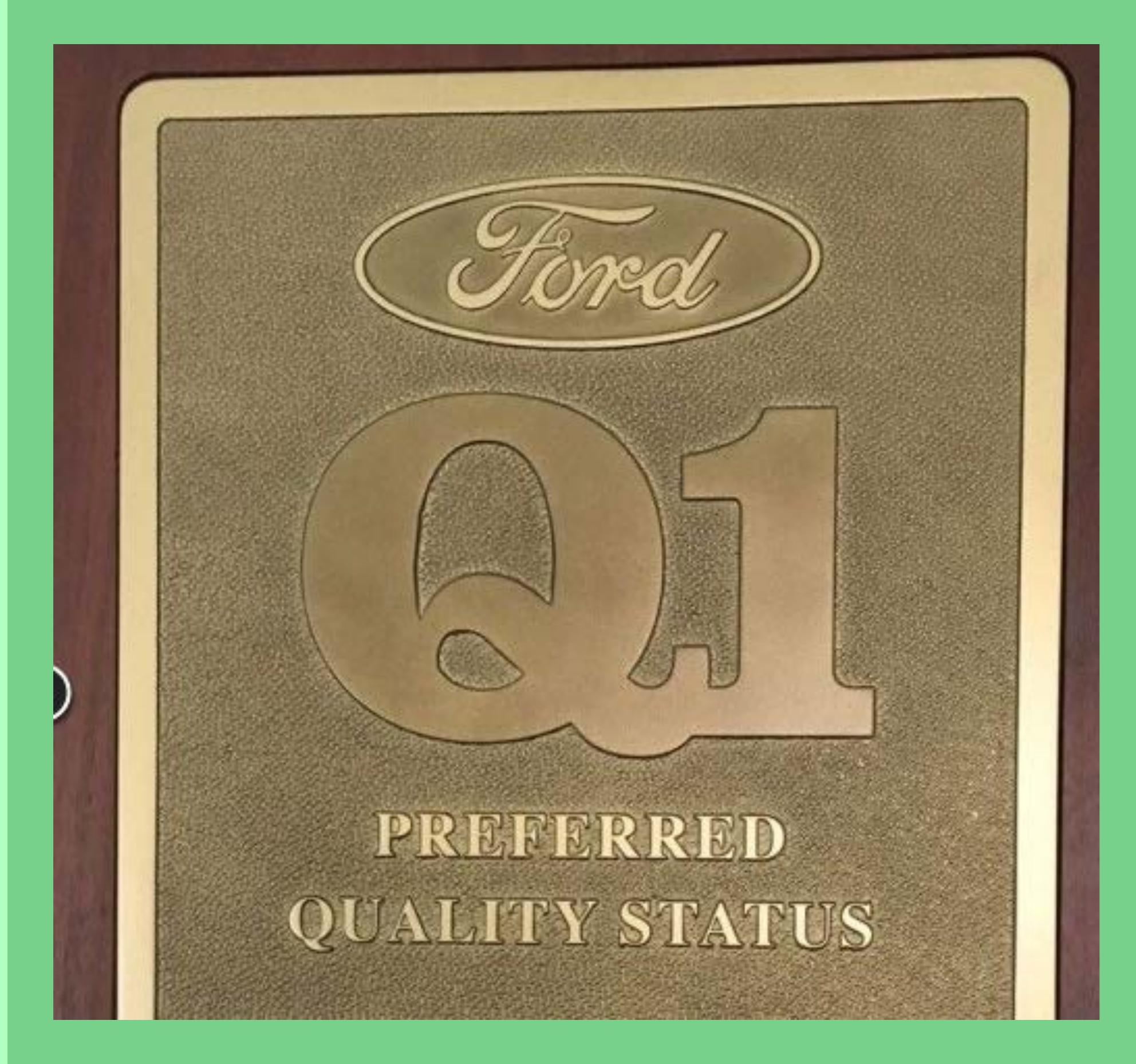
Internal Trim Parts



Mud Guards



Industrial Products



Current Quality Standards

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Laser-Cut & Steel Parts

- Quick response production
- Cost efficient solutions
- Minimum scrap ratio
- Semi products ready for assembly
- Inhouse production all of process, tool and mould
- Perfect cleaned surfaces after operations
- Prototype production with project management system
- Professional interactive team work
- Design and R&D activities inhouse



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Universal Milling Machine:



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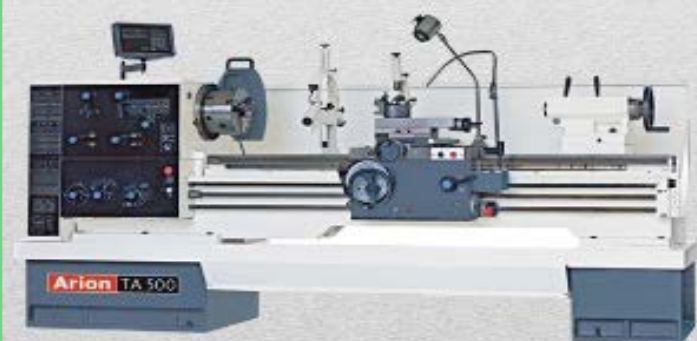
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Welding Workshop:



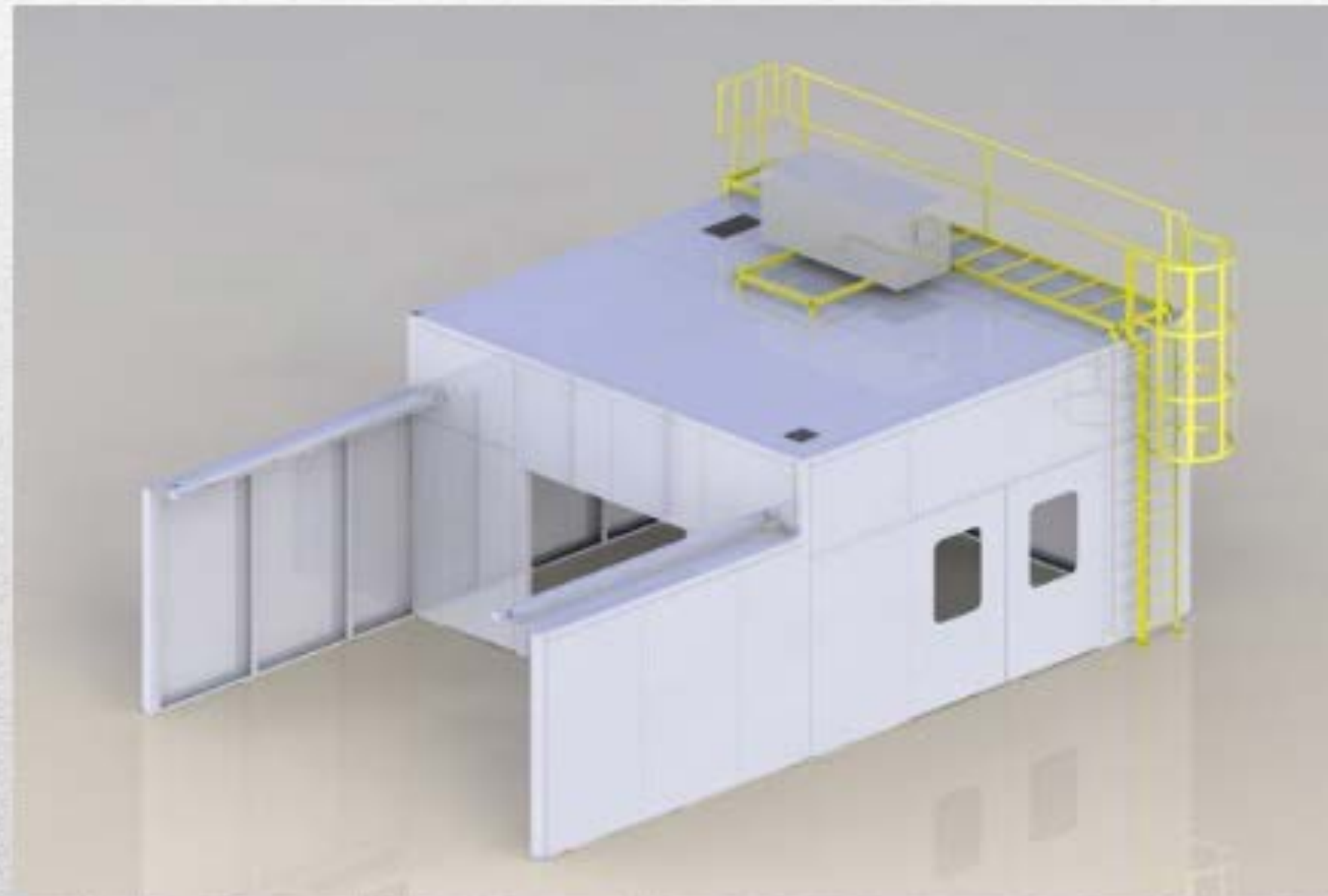
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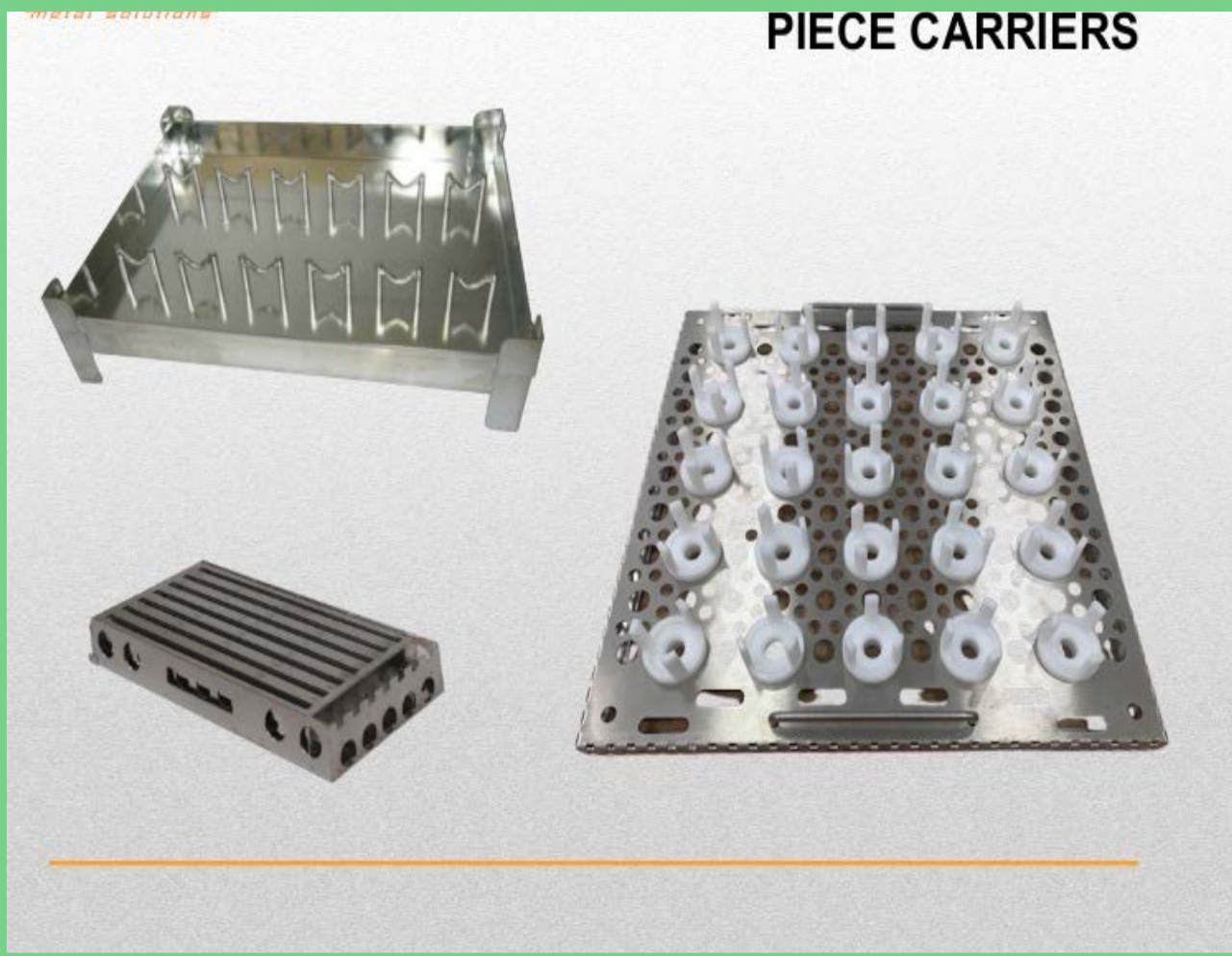
Machining Parts:



Booth and Isolated Cabins:



PIECE CARRIERS



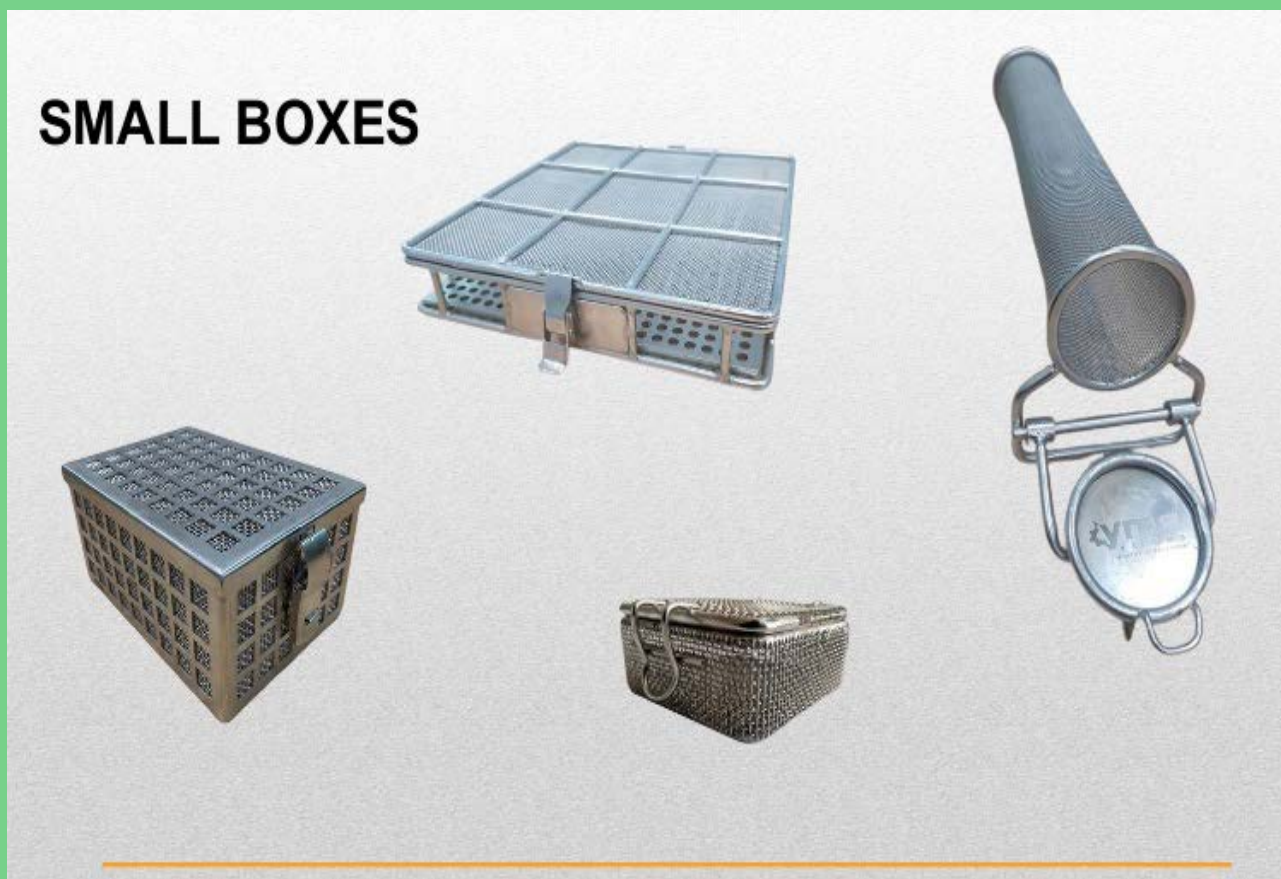
PIECE CARRIERS



Roller and Carrier Conveyor Systems:

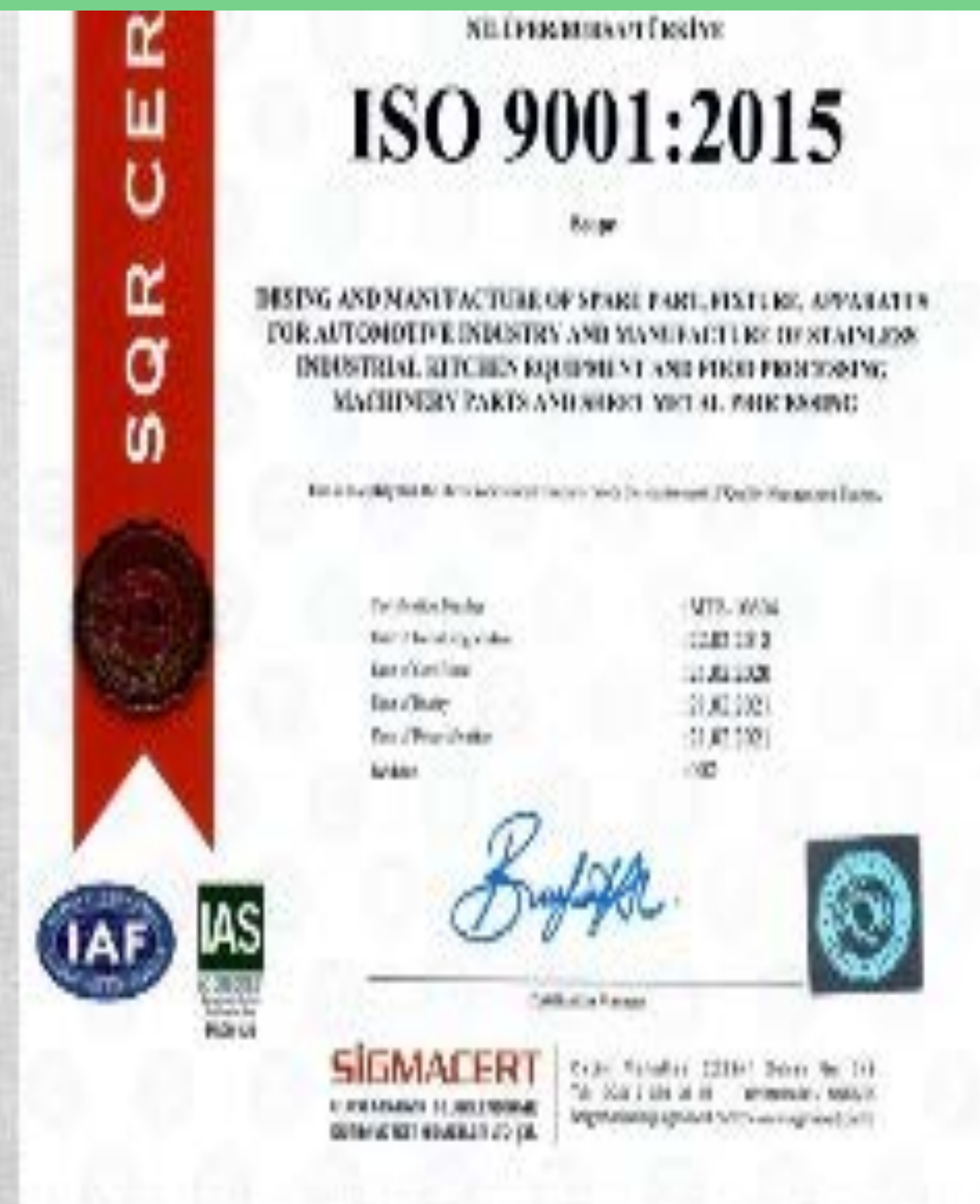


SMALL BOXES



Apparatus and Control Devices:



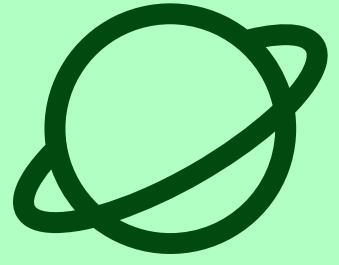


Production

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