

MAKROSAN METAL

Stands for more than 30 years of manufacturing experience!

Success factors of MAKROSAN METAL

- ✓ High qualification, experience, potential and commitment of our employees
- ✓ Constant striving to optimize and improve processes and services
- ✓ The highest quality standard of the products
- ✓ All services from a single source - from just one supplier



FLEXIBLE SHEET METAL PROCESSING




MAKROSAN
METAL
LAZER KESİM - BAKIM - KAYNAK - ÇİCİ BİRİMLERİ
www.makrosanmetal.com.tr



About MAKROSAN METAL

Who are we and what are we doing ?

MAKROSAN was founded as a family company with more than 30 years of manufacturing experience.

We have extensive in-house production facilities. We manufacture according to drawings and specifications from simple laser parts to complex sheet metal assemblies and welded constructions. Steel, stainless steel and aluminum are the most processed resources.

As a competent partner, we are able to offer a wide range from prototyping to small series and series production, and we can also respond to your requests at short notice.

We work together with professional partners for all types of surface treatment, stamping parts, turning & milling.

We round off this picture with the certifications ISO 9001 and DIN EN1090.

MANUFACTURING TECHNOLOGIES

Services at a glance

Complete solutions in sheet metal processing and sheet metal forming

In addition to laser cutting and bending, we also offer complete solutions in sheet metal processing and sheet metal forming:

- Welding of assemblies
- Creation of steel and pipe structures
- Turning and milling work, machining, hot and cold forming (external)
- Sheet metal punching and nibbling (external)
- Any kind of surface treatment processes (external)

MANUFACTURING TECHNOLOGIES

CNC laser cutting

We are able to make the most challenging cuts at the most reasonable cost with fiber laser technology that offers cutting and performance in a wide range of material types with low energy consumption and very high quality.

Our fiber laser cutting machines:

2 X DURMA HD-F 3015 4KW

1 X DURMA HD-F 3015 2KW

Table sizes:

1500x3000 mm

Cutting capacities :

0,5-20 mm steel

0,5-12 mm stainless steel & aluminum

We also have solutions for thicker materials



MANUFACTURING TECHNOLOGIES

CNC-Bending

We bend the metal sheets with the greatest possible precision using hydraulic press brakes.

Hydraulic bending machine park consists of;
DURMA 3000mm x 220T
CEMATEK 1200mm x 40T

Bending capacities:
0.20-12mm thickness up to 3000mm length.

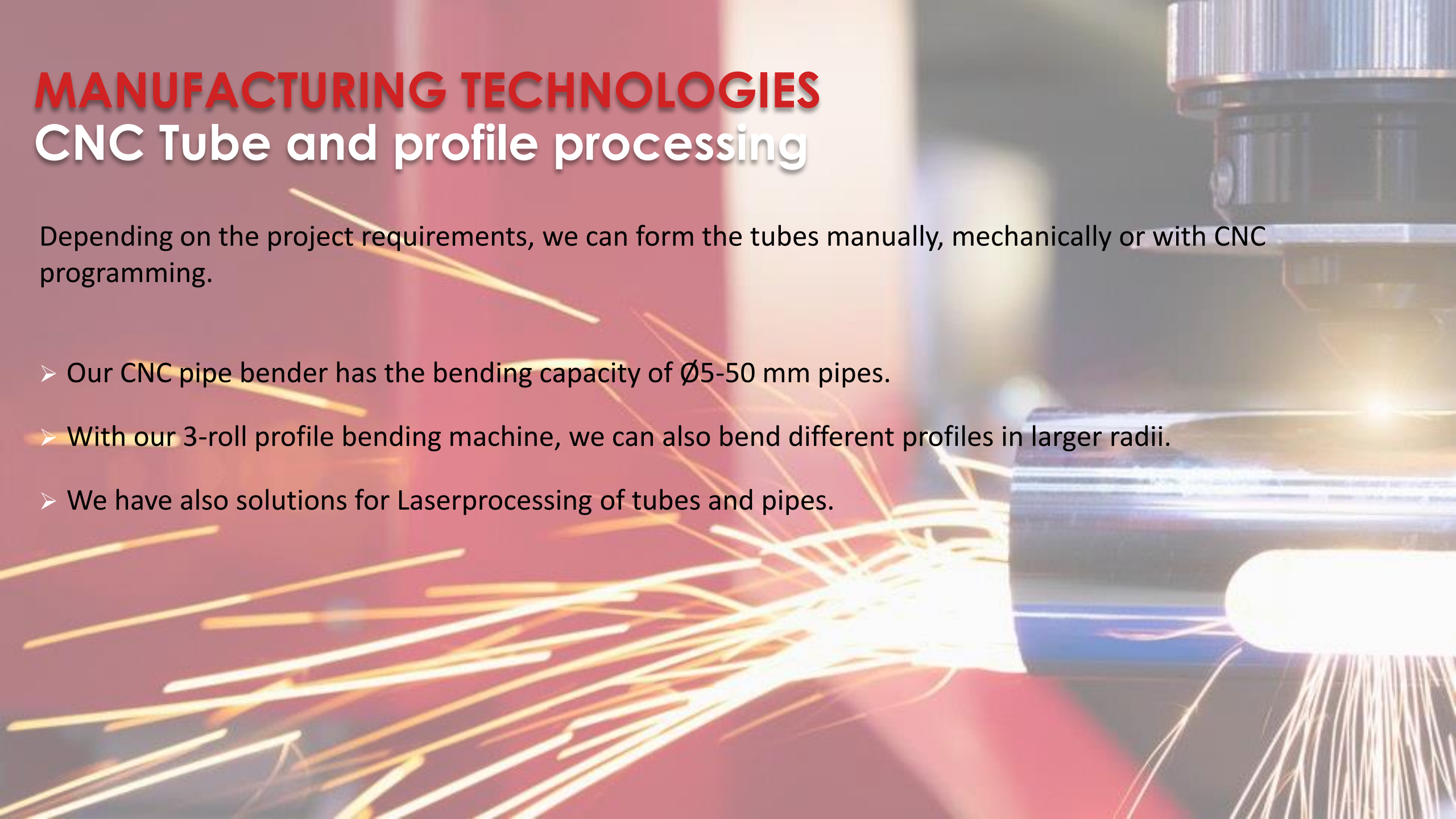
4 axis precision bending capabilities with Y1, Y2, X and R axis.

MANUFACTURING TECHNOLOGIES

CNC Tube and profile processing

Depending on the project requirements, we can form the tubes manually, mechanically or with CNC programming.

- Our CNC pipe bender has the bending capacity of Ø5-50 mm pipes.
- With our 3-roll profile bending machine, we can also bend different profiles in larger radii.
- We have also solutions for Laserprocessing of tubes and pipes.



MANUFACTURING TECHNOLOGIES

Welded assemblies

In our welding department we manufacture according to specifications components such as machine housings, pedestals, consoles, bearing blocks, hoods, frames, oil pans, covers etc. with the latest welding technologies.

- MIG / MAG welding
- TIG welding
- Aluminum & Stainless Steel welding
- Construction of fixtures

We are certified according DIN EN 1090



QUALITY

- ❑ Our company is certified by ALBERK QA TECHNIC according to ISO 9001: 2015 and is audited annually.

Comprehensive and conscientious quality assurance is a matter of course for us. Permanent measurement and testing processes ensure that the result delivered meets your requirements.

The traceability of our production and processes are fully guaranteed with our documentation.

- ❑ Upon request, we can also provide initial sample test reports, PPAP documentation, material certificates and coating reports.

CERTIFICATE

MAKROSAN METAL SAN VE TİC. LTD. ŞTİ.

KAYAPA SANAYİ BÖLGESİ ORKİDE CD. NO:9 NİLÜFER / BURSA

has implemented and maintains a **Quality Management System**

SHEET CUTTING, LASER CUTTING, ABKANT, PIPE AND PROFILE BENDING, WELDING AND ASSEMBLY SERVICES

Non-applicable Clauses : -

EA 17

Through an audit, documented in a report, it was verified that the management System fulfills the requirements of the following standard:

ISO 9001:2015

Certificate registration no : QA-D/TUR/9001/1112
Valid from : 17.07.2020
Valid until : 19.07.2021
Date of original certification : 19.07.2019

B. Adakan
Overseas Operation Manager
Begüm ADAKAN
Stuttgart: 2020.07.17

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IAF **DAKKS**
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Akkreditierungsstelle
D-ZM-18949-01-00

QA TECHNIC
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EU-Wide Succesfull



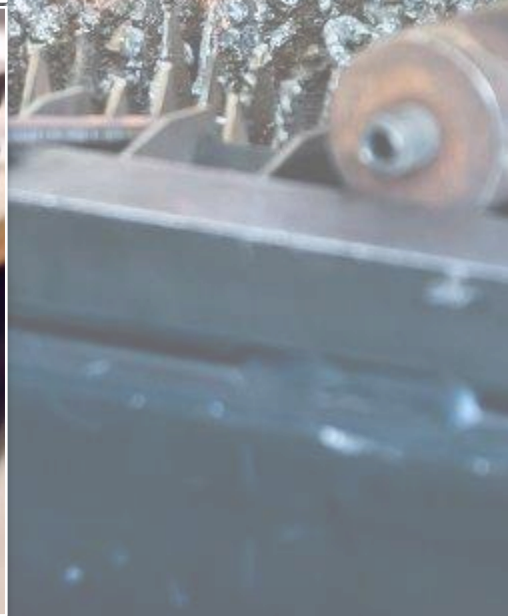
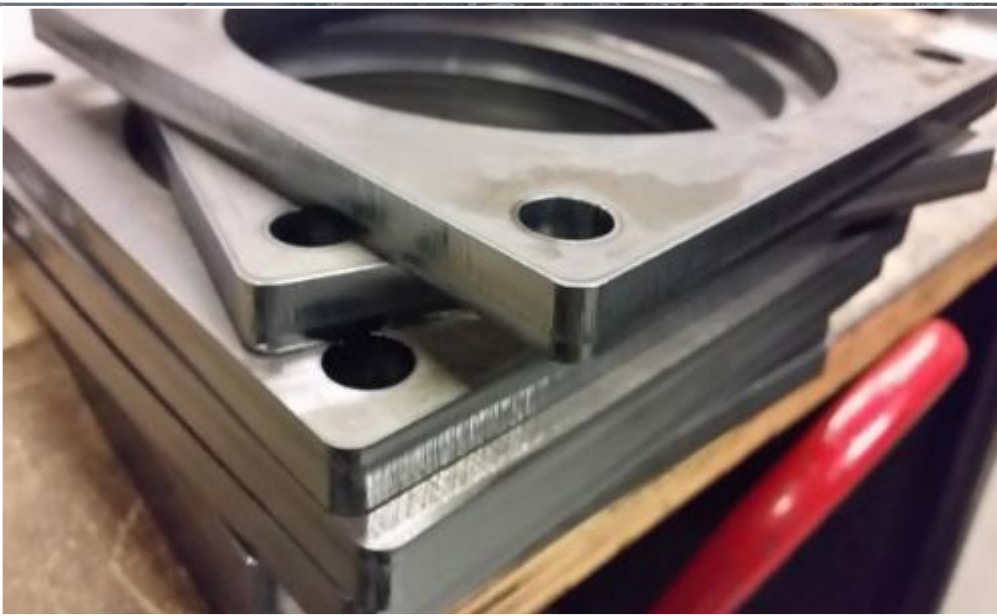
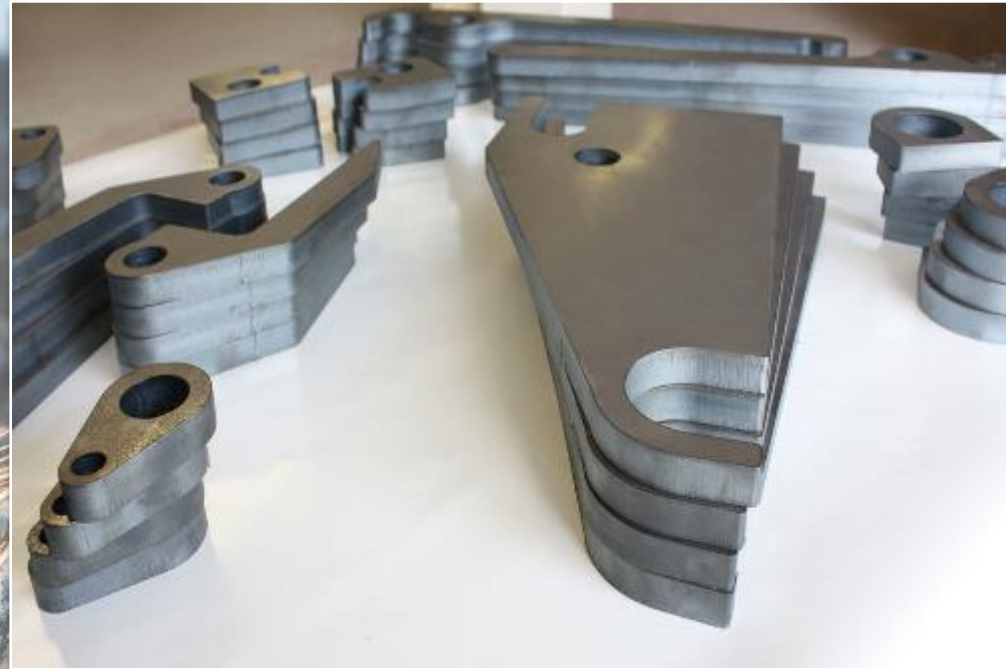
EUROPEAN
UNION



- 40% of our production volume is for customers in the EU.
- We are proud that we work reliably in the EU with industry leaders.
- As a competent supplier of sheet metal and metalworking, we work nationwide with well-known companies.

➤ We can also provide references on request

PRODUCT EXAMPLES : Laser parts



PRODUCT EXAMPLES : Bending parts



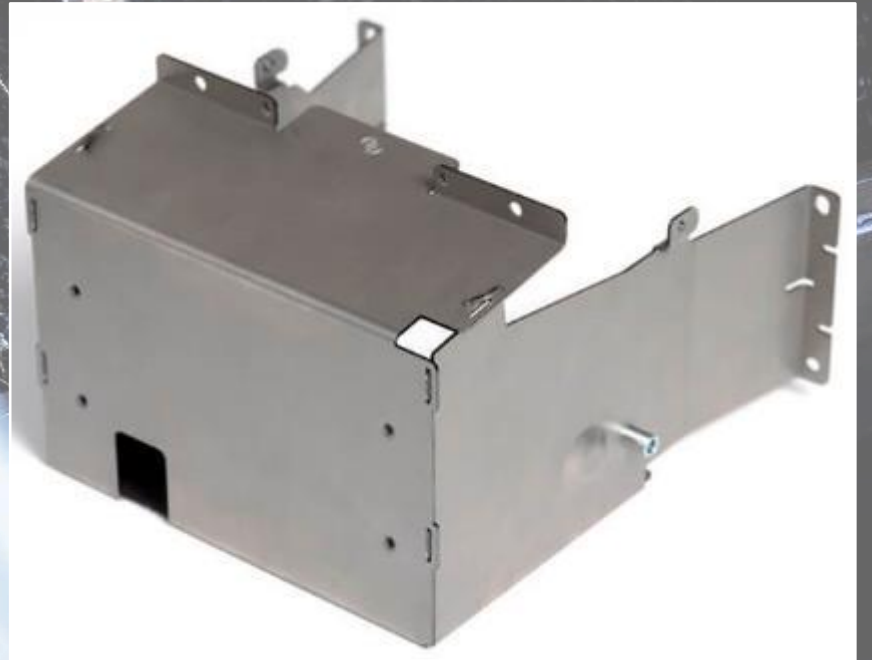
PRODUCT EXAMPLES : Tube and profile processing



PRODUCT EXAMPLES: Welding assemblies



PRODUCT EXAMPLES : Customized parts



COMPANY | CONTACT

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MAKROSAN METAL

Everything from a single source!



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