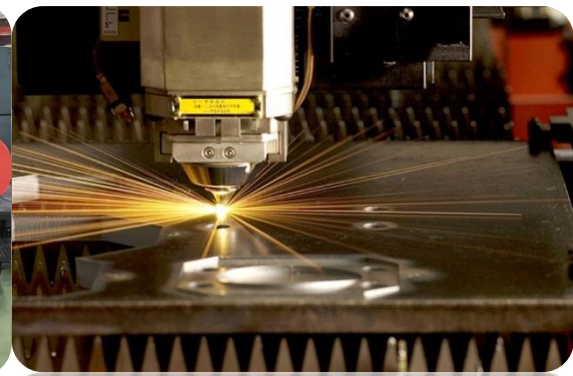




## Company presentation



[www.asperatechnology.cz](http://www.asperatechnology.cz)

## Location

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**ASPERA technology s.r.o.**

Křižíkova 734/1  
370 01 České Budějovice  
Česká republika

**[www.asperatechnology.cz](http://www.asperatechnology.cz)**



# Who we are – ASPERA technology s.r.o.

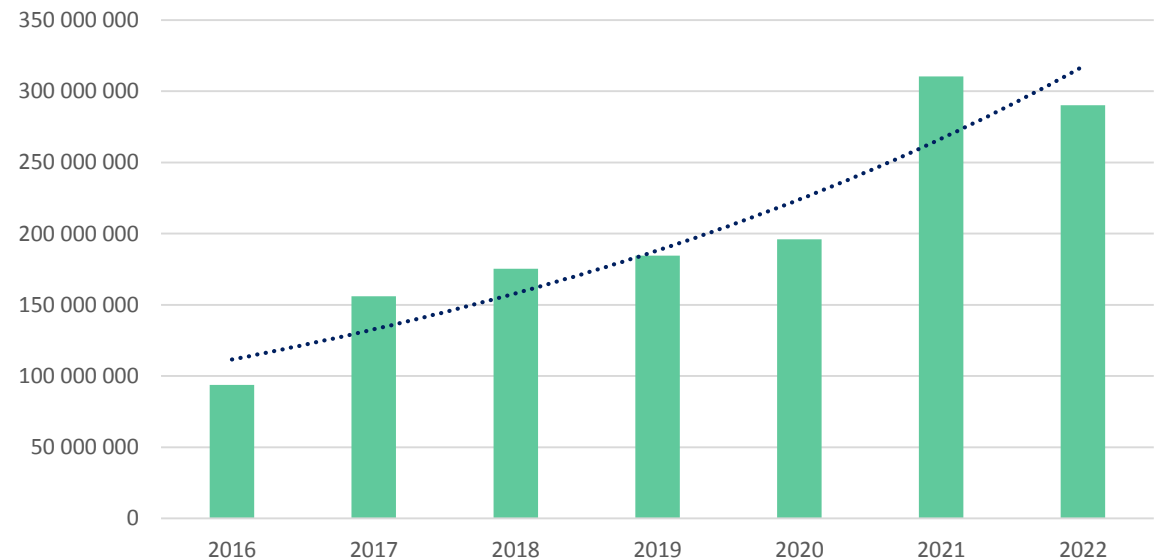
ASPERA was founded in 1991 as a wholesaler of electrotechnics. The company has successfully expanded to 16 branches in the Czech Republic and more than 200 employees. In 2012 a production center of custom metal production was established, from which the independent company ASPERA technology was transformed from January 1, 2019.

## ASPERA technology

Production division of sheet metal manufacturing, including surface finishing and complex sheet metal fabrication.

- 130 employees,
- 10.000 square meters areal
- Founded in 2012

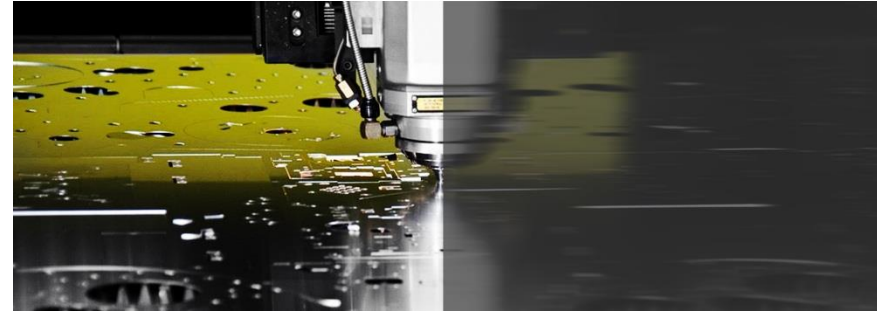
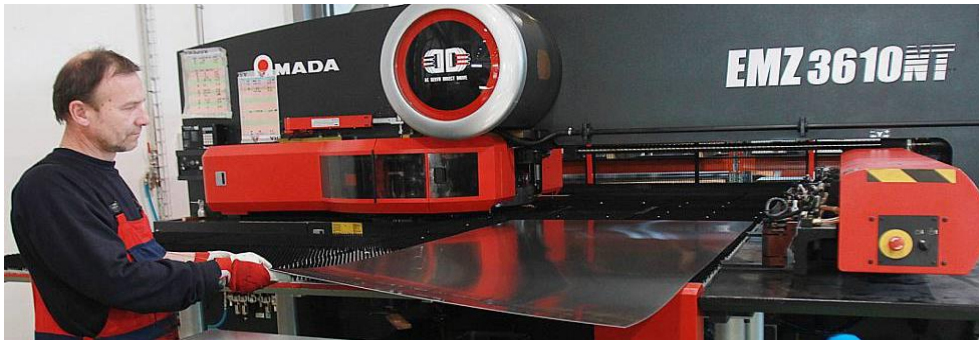
Sales ASPERA technology



## What we can offer to our customer

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Thanks to regular investments in fleet of machines ASPERA Technology confirms its relevant position on the market. We are investing periodically in our employees and human resources in form of building up their qualification and skills.



Our experienced team thanks to vast Know-How is able to produce great range of sheet metal products. ASPERA Technology exceeds in variety of production and wide range of products.

Our powder coating line can assure the finishing touch to your product if you are demanding high standards of surface finishing. Thanks to our capacities and time management we are capable of fast delivery upon agreement and consultation.



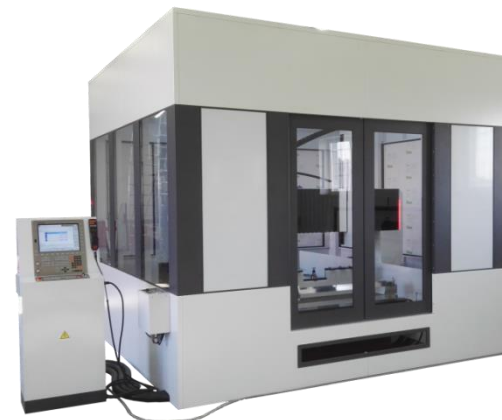
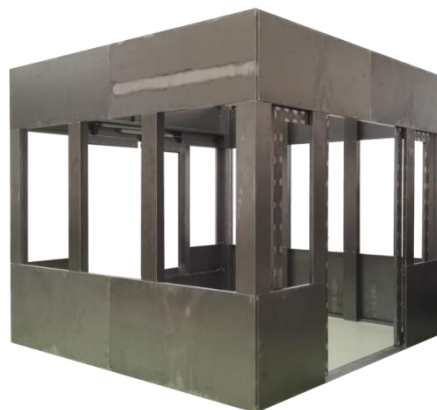
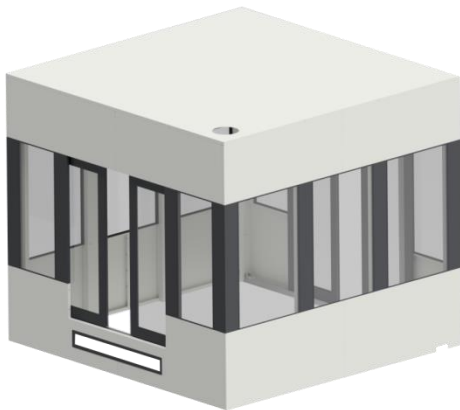
## What we can offer to our customer

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Purchasing, Logistics and Design development

**Purchasing department of ASPERA Technology will take care of the complete development process of your project. We can offer you design development of you product from 3D Model, prototype to batch production.**

Experienced sales managers will take over the negotiating process and prepare the contracts for you. We cooperate only with reliable and certified suppliers. ASPERA Technology is focusing on top quality and reliability to build up our competitive position on the market.



# Fleet of machines:

## Sheet cutting

---

### L5-40 Laser system Salvagnini

- Power **4kW**
- Maximal sheet dimensions: 1500x4000mm
- High-speed cutting
- Maximal sheet thickness:
  - Steel 20 mm
  - Stainless Steel 15 mm
  - Aluminium 12 mm

New April 2018



### L5-30 Laser system Salvagnini

- Power **6kW**
- Maximal sheet dimensions: 1500x3000mm
- High-speed cutting
- Maximal sheet thickness:
  - Steel 20 mm
  - Stainless Steel 15 mm
  - Aluminium 12 mm

New January 2023



# Maschinepark:

## Sorting of material, bending

---

### Salvagnini integrated punching and cutting center S4 + automatic bending P4

- Automatic cutting, bending, shearing
- The most efficient flexible manufacturing system (FMS) on the market
- Sheet metal tray

New August 2022



# Maschinepark :

## Sorting of material

---

### Shearing and cutting centre– Salvagnini S4

- Maximum sheet metal dimensions: 3000 x 1500 mm
- Minimum sheet dimensions: 370 x 300 mm
- Maximum diagonal: 3466 mm
- Maximum:
  - Aluminum 5 mm
  - Steel 3 mm
  - Stainless Steel 2 mm
- Minimum material thickness: 0,5 mm

New August 2022





# Maschinepark :

## Bending

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### Automatical bending– Salvagnini P4

- Maximum length: 2180 mm
- Maximum height: 203 mm
- Maximum width: 1524 mm
- Maximum diagonal: 2500 mm

New August 2022



- Maximum thickness- aluminum: 4 mm
- Maximum thickness- steel: 3 mm
- Maximum thickness- stainless steel: 2,5 mm

# Maschinepark :

## Bending

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### Press brake 4 m– Salvagnini B3

- Maximum bending force: 170 tons
- Table length: 4250 mm
- Side frame distance: 3640 mm
- SOS stop
- AAM – automatic angle measurement

New August 2022



B3

# Fleet of machines:

## Sheet cutting

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### Punch press Amada EM2510

- Max. sheet dimensions: 1250 x 2500mm
- Forming

installed 2012

### Punch press Amada EMZ3610

- Max. sheet dimensions: 1500 x 3000mm
- Threading unit
- Forming

installed 2013

### Shear Safan M-Shear 310/6310/6

- Max. dimension for standard steel: 3000mm / th. 6mm

installed 2014



# Fleet of machines:

## Bending: Press brakes

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### Press brake Trumpf TruBend 5170

- Maximal length of the bend 3,2 m / bending power 170 T

installed 2017



### Press brake Trumpf TruBend

- 1 m/36 t

installed 2015



### Press brake Schiavi

- 4m / 220t
- Max open height 800mm
- 7 axis - Heavy Duty

installed 2014



### Press brake Amada

- 3m / 100t
- 4 axis

installed 2014

# Fleet of machines:

## Bending

### Salvagnini P2Xe

Blank dimensions (min/max)

- Length: 285 / 2495mm
- Width: 140 / 1524mm
- Max. diagonal: 2500mm

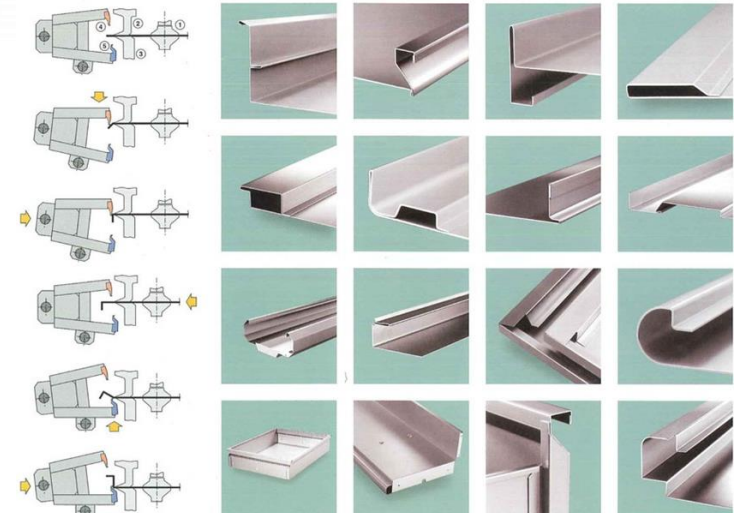
Maximum material thickness:

- Aluminum 3mm
- Steel 2,5mm



Limitations

- Max. bending length: 2100mm
- Max. part height: 165mm



# Fleet of machines:

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## Grinding Machines Lissmac SMW 533 RTB

- Wet operation
- For parts processing with 3 heads
- Working Width 950 mm
- Material thickness to be processed: 0,5 – 120 mm

New January 2018



## Fleet of machines:

---

### Corner Seam Welding Machine Cornerweld

- Perfect quality of welding
- Welding the sheet in a perpendicular position

New June 2018



### Welding robot Yaskawa Motoman MA2010

- Control system DX200
- Arc welding
- Perfect quality of welding

New June 2020



# Fleet of machines:

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## Automatic Cornerformer

ACF CONERFORMER offers completely new opportunities in corner production. This new flexible corner forming machine utilizes cold production technology and can be used on a variety of materials from aluminum to stainless steel.

New August 2019



## Pressure blasting cabin CAB-135P

- Pressure unit
- Suction
- Dry blasting
- Working space: 1350x1100x1070 mm
- We use 2 machines
  - blasting only stainless steel parts
  - blasting of other materials

New February 2020





## Fleet of machines:

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### MCV 1000 Machining center

- Table clamping surface: 1300 x 600 mm
- Max. workpiece weight: 700 kg
- Travel in X axis: 1016 mm
- Travel in Y axis: 605 mm
- Travel in Z axis: 660 mm

New February 2020



### Masturn 50 Lathe

- Swing diameter: 500 mm
- Distance between centers: 1500 mm
- Working feed - range: 0 - 2000 mm / min
- Rapid feed: 7500 mm / min

New February 2020



# Machinepark

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## Absolute arm 6-Axis

New January 2022

- Measuring volume: 2,5 m
- Absolut encoders and SMART sensors
- Calibration certificate according to ISO 10360-12:2016
- Accuracy according to ISO 10360-8:2013
  
- Maximum permissible probe deviation, size: 0,020 mm
- Maximum permissible probe deviation, shape: 0,038 mm



# Powder coating

## Surface finishing

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Fully automated powder painting line **SURFIN** with automated painting box **WAGNER**

Maximal dimensions :

- Width 800mm
- Height 1600mm
- Length 3000mm

### 7 steps of surface pre-treatment incl. passivation

Pretreatment is capable to meet the requirements for surface pretreatment according to GSB and Qualicoat standards

### 6 automatic powder guns

### 2 manual powder guns



# Technological capabilities

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## Welding according to EN 287-1 and ISO 9692 - 1

- MIG / TIG
- Standard steel, stainless steel, aluminum
- Final finishing by high-quality grinding
  
- EN ISO 9712
- EN ISO 14731
- EN ISO 3834-2 – CL1 New 2023
- EN ISO 15085-2 – CL1 New 2023

## Assembly

- Mechanical assembly
- Assembly including electrical installation



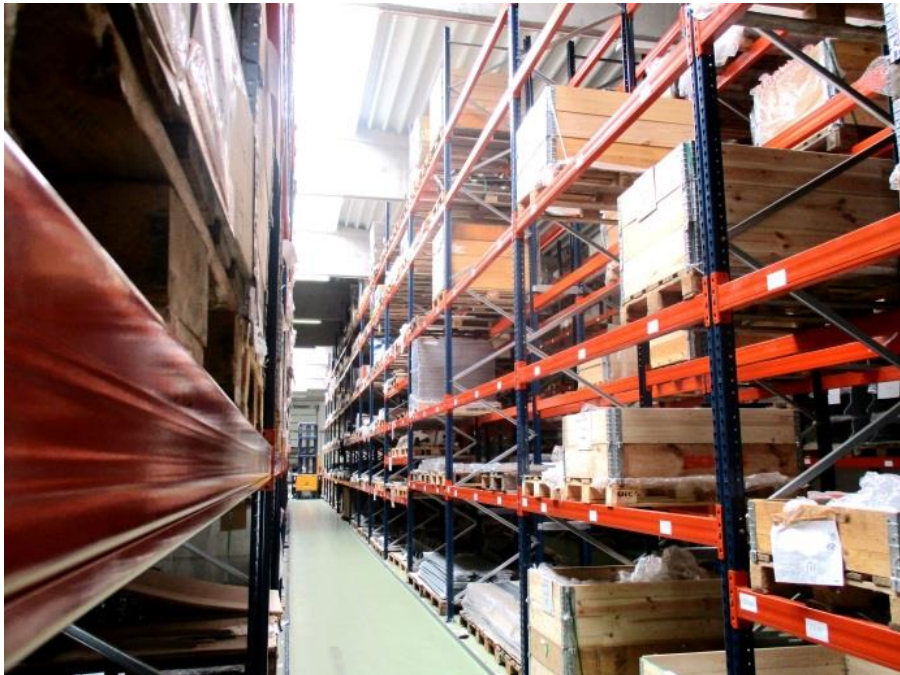
# What we can offer to our customer

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## Consignment stock

**We would like to offer you capacities in our consignment stock.**

Do not hesitate to use the advantage of our consignment stock. Thanks to these capacities we will be able to fix your orders just in time during long term cooperation



## Packaging

Our goods are packed according to customers wishes so that possible damage during transport is avoided. Aspera Technology will suggest the best way of packing your goods and the most suitable way of transport.

# Please, feel free to contact us

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## Enquiry

RP: Manufacturing manager

[enquiry@asperatechnology.cz](mailto:enquiry@asperatechnology.cz)

## Order

RP: Planning department

[order@asperatechnology.cz](mailto:order@asperatechnology.cz)

## Changes

RP: Manufacturing manager

[changes@asperatechnology.cz](mailto:changes@asperatechnology.cz)

## Reclamation

RP: Quality manager

[reclamation@asperatechnology.cz](mailto:reclamation@asperatechnology.cz)

## Invoice

RP: Accountant

[invoice@asperatechnology.cz](mailto:invoice@asperatechnology.cz)

## Information

RP: Secretary

[info@asperatechnology.cz](mailto:info@asperatechnology.cz)

### ASPERA technology s.r.o.

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