

**ICCO Instal**

We bring your building to life!

**METAL FABRICATIONS / STRUCTURES**

**SANDBLASTING**

**ELECTROSTATIC PAINTING**



[www.icco.ro/instal](http://www.icco.ro/instal)

# ICCO Instal

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## ABOUT US

ICCO Instal – Adapted, complete, qualitative and competitive solutions

- ✦ Sanitary installations, air conditioning / ventilation, fire extinguishing
- ✦ High voltage installations, industrial automation systems
- ✦ Metal fabrications and structures
- ✦ Sandblasting and electrostatic painting

Fields of activity:

industrial, commercial, energy, transport and civil.



## METAL FABRICATIONS & STRUCTURES



### VENTILATION DUCTWORK (HVAC)

- Rectangular
- Spiro type
- Special parts (elbows, reductions, tees, branches, stovepipes, plenums, grids, caps) rectangular, circular and circular with seals
- Special jackets for sheet metal protection made of galvanized sheet metal and aluminum
- Adjusting flaps

### VARIOUS METAL FABRICATIONS

- Urban / industrial furniture
- Metal / office / storage / containers and outdoor toilets
- Perforated fences
- Automated entrance gates
- Lightweight metal structures
- Other custom products



### PROCESSED MATERIALS

- Normal steels, alloy steels, stainless steels, aluminum, copper
- Europrofiles, cut and bent sheets, elements processed by cutting



## WORKING PROCEDURES

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### Sheet metal cutting

- Laser - 1500 x 6000 mm, plates thickness 0.5 - 12 mm
- CNC plasma and manual - 1500 x 6000 mm, plates thickness 0.5 - 30 mm
- Punching - 1000 x 3000 mm, plates thickness 0.5 - 3 mm
- Guillotine - 3000 mm, plates thickness 0.5 - 8 mm

### Cutting sections

- Chainsaw - length 6 m, tray opening <280 mm

### Folding sheets

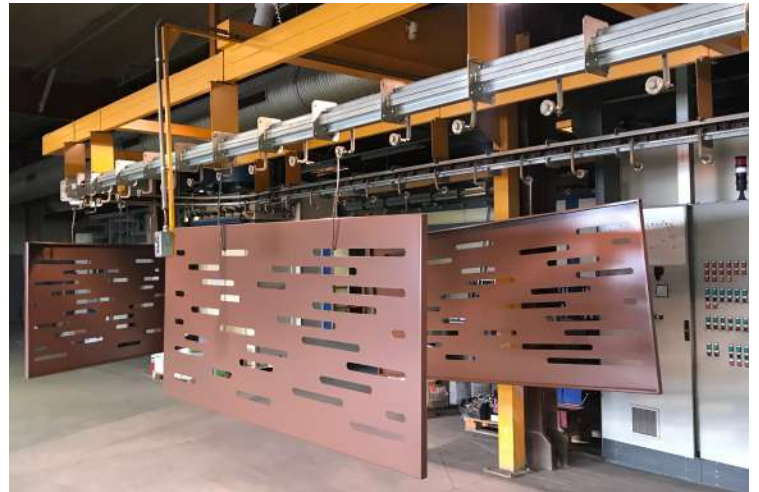
- Abkant 150 t - 3000 mm
- Abkant 100 t - 3000 mm

### Welding

- Mig-Mag welding
- WIG welding - stainless steel and aluminum
- Electric spot welding

### Mechanical processing

- Drilling on the radial machine
- Turning



## SANDBLASTING

The technological process uses metal alices and mechanical centrifugation

Automatic: parts with dimensions between 100 mm and 1000 mm at a capacity of approx. 150 pieces/h

Manual: parts with dimensions between 100 mm and 5000 mm

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## CLEANING OF PARTS AND TREATMENT WITH SPECIAL PHOSPHATE SOLUTIONS

Cleaning is done with high pH solutions and ensures degreasing of the parts

Phosphating uses very good quality solutions and gives the paint layer a better mechanical strength, but also excellent lastingness

Process applied to both steel and cast iron parts, as well as to galvanized or aluminum alloys

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## ELECTROSTATIC POWDER COATING

Processing of parts with a maximum weight of 200 kg and maximum dimensions of 3000\*1500\*900 mm (L\*H\*I)

Working speed up to 1.5 m/min, depending on the complexity of the part

Automatic or manual painting; capacity 100 – 1000 parts, depending on size, in cycles of about 4 hours

Glossy, matte, textured paint

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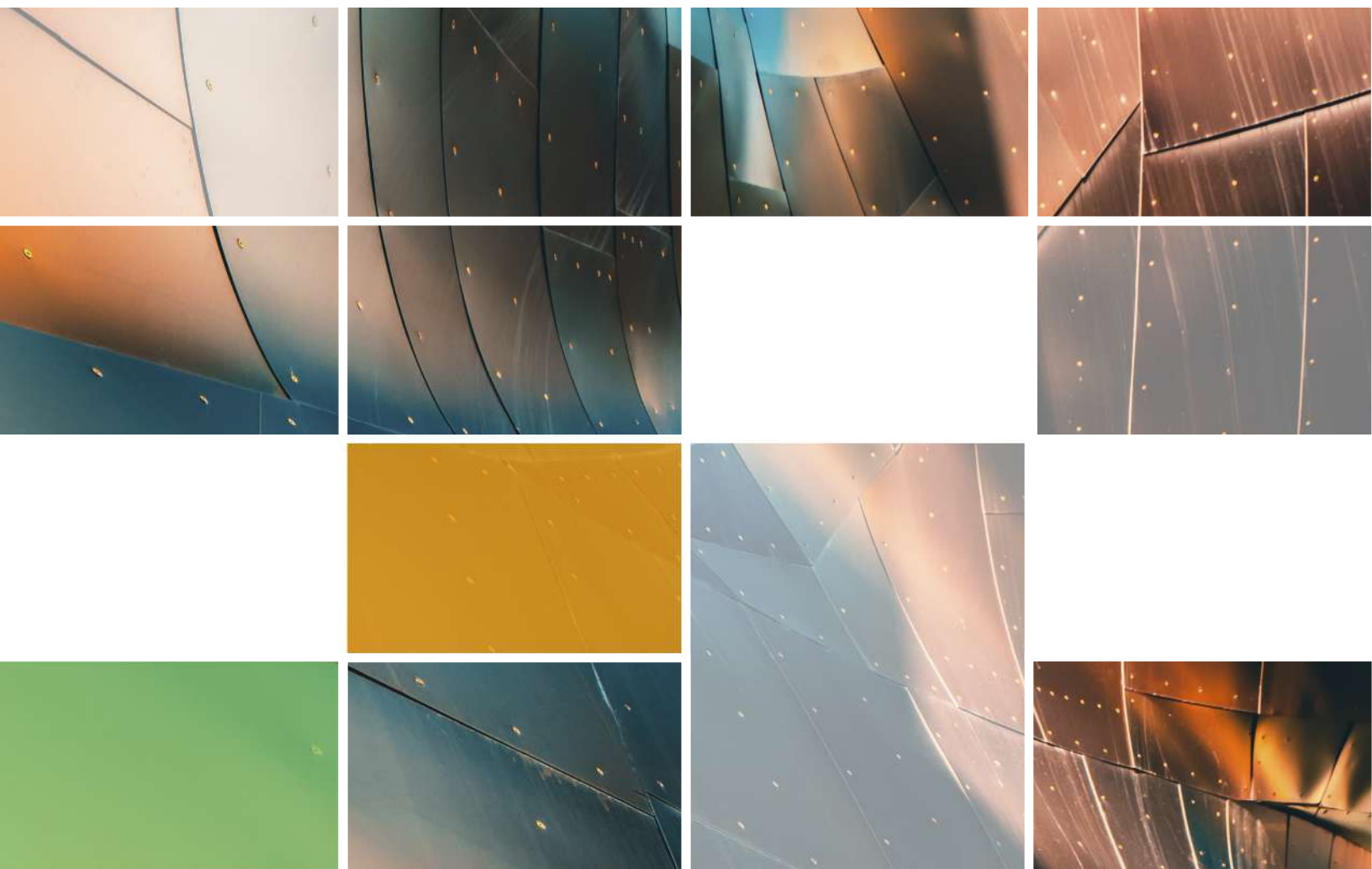
# ICCO Instal

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MORE OPTIONS  
TO DEVELOPMENT



MORE REASONS TO  
ENJOY YOUR BUSINESS!



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Martie 2022