

HVAC WORKSHOP AND FABRICATION CAPABILITIES

The Coibent Plastic Srl covered factory surface is of about 2.000 square meters, further implemented by a separate storage area of about 600 square meters.

Factory experience in HVAC and air duct engineering, fabrication dates more than 20 years back it cover several types of units, machinery, outfit and appliance.

All the activities are carried out internally in compliance with ISO 9001:2015 and with all the main international standards like, SMACNA, DW 144, EN, DIN, VDI, ASTM, SOLAS and relevant guidelines.

Volumes of factory average product are about 200 tons of metallic products and about 40.000 worked-man hours/year between fabrication and site installation activities (year 2017).

Production covered by a wide range of metallic commodity, vary from carbon steel, galvanized steel, pre-painted or pre-plasticized steel, stainless steel, aluminium alloy, copper and other.

Factory engineering and fabrication activities in the field of HVAC and refrigeration do apply to:

- Round and rectangular air ducts and fittings;
- Fire rated ducts;
- Sound Attenuators;
- Air Handling Units;
- Chiller Units;
- Cooling units for refrigerated rooms;
- In house Ventilation and Exhaust units;
- Thermo hygrometric control systems for HVAC management and control.

Below is a list of main fabrication machineries that are available at the workshop

- No.1 Overhead travelling crane, 5 t lifting capacity
- No.1 Fully automated duct fabrication line
- No.1 Guillotine 3mm x 4m
- No.1 Guillotine 3mm x 2,5m
- No.1 Guillotine 20mm x 2m
- No.1 CNC Press break bending machine 4m x 80t
- No.1 Press break bending machine 3m x 40t
- No.1 CNC Press break bending machine 2m x 80t
- No.1 CNC Plasma cutting 3000x1500mm (thk. Up to 12mm)
- No.6 MIG welding machines
- No.3 TIG welding machines;
- No.5 Spot welding machines
- No.1 Eccentric press 80t
- No.1 Eccentric press 40t
- No.1 Ring rolling machine
- No.1 Roll former Plate roll 6mm x 2m
- No.1 Roll former Plate roll 1.5mm x 2m
- No.1 Roll former Plate roll 1mm x 1m
- No.5 Powered swaging machine
- No.4 Pittsburg & pocket joint roll forming machine
- No.2 Variable angle corner notching machine
- No.3 Fork lift 5t, 2,5t, 1,5t

The fastest delivery to Customers and fabrication sites is supported by the owned consistent fleet of trucks.