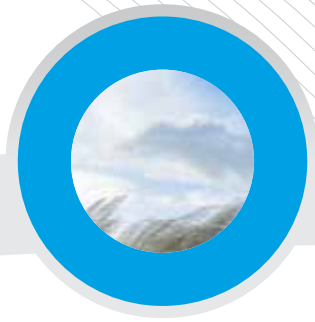




CMI ENVIRONMENT

AIR & GAS
CMI Europe Environnement



Production & Quality

Our expertise and state-of-the-art machinery committed to excellence and quality!

Our manufacturing capabilities

➤ Area

8 450 m² production

more than 4,000 m² of workshops exclusively dedicated to the manufacture of tailor-made air treatment systems, up to 5 meters in diameter and unlimited height.

3 350 m² offices



↳ CMI Europe Environnement company ↳



↳ Technical Department ↳



↳ CMI Europe Environnement ↳
workshop



↳ Europ-Plast™ Fans workshop ↳

➤ An advanced production equipment

- 2 CNC milling machines
- 1 conventional mill
- 2 lathe machines
- 5 welding machines with bending system and corner welding:
 - 1 of 3 ml
 - 2 of 4 ml
 - 4 manual tubes
 - 1 hydraulic tube
- 2 folders of 1.2 ml and 3 ml semi-automatic
- 1 automatic extruder for cylinders measuring up to Ø 4 500 mm
- 18 portable extruders with a welding ability between 0.8 and 6.0 kg/h



↳ Thermoplastic ↳
milling



↳ Welding machine ↳



↳ Testing area ↳

➤ A research and development laboratory

- 1 on-site fully-equipped lab
- 1 testing area over 200 m²
- 1 olfactometer
- 1 fully-equipped mobile laboratory dedicated to audits and analysis for our customers
- 3 chemical engineers in charge of R&D
- 5% of annual turnover allocated to research



↳ Laboratory ↳



↳ Plastic welding ↳

➤ Factory-based and mobile teams at your service

A large production team...

- 2 factory-based teams of plastic welders
- 5 mobile teams working on-site
- 3 people responsible for setting up of facilities with measuring equipment

... Highly qualified!

- Plastic welding experience
- Electrical approval
- Security approval
- Driving gear approval
- Chemical hazards N1 and N2 approval
- Intervention in ATEX and nuclear areas approval



1 technical department equipped with 10 Autocad workstations

2 Customer Service teams able to assist customers on-site



Quality management

Regulatory framework and certifications



Equipment
Manufactured
according
to European
standards

DVS
2201 à 2241

Compliance
with European
directives DVS 2201
to 2241 for the
design, fabrication
and welding of
thermoplastic
materials



TÜV Rheinland
Certification



GOST-R
Certification

STEP

1

Control during
manufacturing

We can test welds in our factory according to DVS 2203 standards, thanks to our in-house testing equipment which can approve welded, extruded or heated-tool butt welded samples.

Benefits:

- Permanent control and validation of the weld quality throughout the year and continuous skills improvement of our welders.
- We are proactive: we test and analyze our samples internally in compliance with DVS standards.
- We respect our customers' schedule: we continue manufacturing without awaiting the approval of an external body.



↳ Material strength test ↳
& welding





Control at the end of manufacturing
STEP

2

- Leak testing of all scrubbers and all tanks
- Fan tests
- Other tests available upon request



↳ Dielectric test ↳



↳ Water leak test ↳



↳ Fan test area ↳



Our quality procedures

- Contract Review & implementation schedule of the project
- Validation of production methods
- Handover to the manufacturing department
- Production phases - Planning
- Proven technical implementation and security
- Quality control
 - At the end of production
 - Carbon Filter Quality
 - Scrubber Quality
 - Fan Quality
 - Specific requests
- Test report
- Non-compliance
 - Identity Card
 - Report of non-compliance



↳ Scrubber delivery ↳