

Production & Quality

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

OUR MANUFACTURING CAPABILITIES

Area

8 450 m² de 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

Workshop



Thermoplastic milling and Welding machine



Building



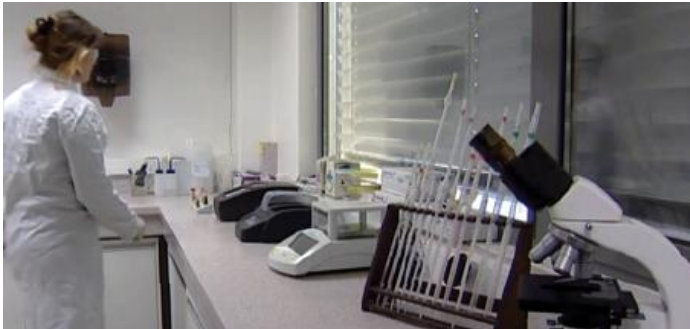
An advanced production equipment

- 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

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



Testing area



Olfactometer

Factory-based and mobile teams at your service

A large production team...

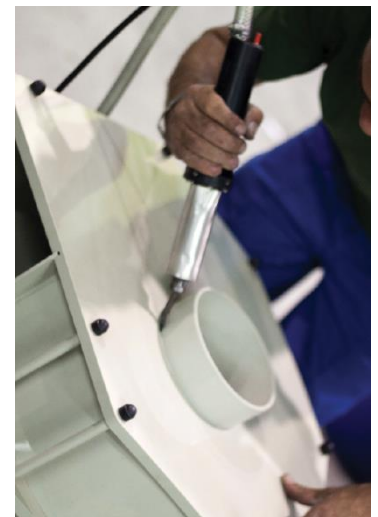
- 2 factory-based teams of plastic welders
- 5 mobile teams working on-site
- 3 people responsible for setting up of facilities with measuring equipment

... 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	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 external body.

STEP #2

Control at the end of production

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

Water leak test



Our quality procedures

- Contract Review & implementation schedule at 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 the production
 - Carbon Filter Quality
 - Scrubber Quality
 - Fan Quality
 - Specific requests
- Test report
- Non-compliance
 - Identity Card
 - Report of non-compliance

