



Since its creation in 1977, SEM Automation has developed and manufactured all of its production in Causade (FRANCE).



Human resources

The young and dynamic SEM Automation team show their skills in a large number of fields :

- general mechanics
- mechanic welding
- robotics
- boiler manufacturing
- metal working
- maintenance of industrial equipments
- light packaging
- automobile branch
- wood industry
- food industry



Specialised by branch, machining, assembly, welding, metal working, painting and automatics, setting up, putting into service..., each technician has well-established skills and proficiencies.

Our designers work in a C.A.O, D.A.O drawing-office specialized in the conception of special machines. We are equipped with 3 Pro Engineer and 1 Autocad stations.

All programs are carried out by our control engineers, multivalent and autonomous on several equipments.

- Siemens
- Mitsubishi
- Télémécanique
- Omron...



Technical resources

With its over 800m² area, the mechanics space is divided into the machining workshop and the turning workshop.

The machining workshop is supplied with radial drills and 3 milling machines (CN-2000x900 machine; CN-1200x600 machine ; 1200x300 Ernault Somua machine) and it has a 2 meter longitudinal and a 1 meter transversal and under-head output.

With its 5 axle CN Polymab lathe (450 x 800 diameter), its CN Unimab 500 lathe (500x1270 diameter), its Cazeneuve HP 575 lathe and a high capacity lathe (660 x 3000 diameter), the turning shop can shape any type of pieces. It is also supplied with a 3,2 ton capacity overhead travelling-crane.



The metal workshop (600m²) is provided with a set of machines : 4000mm long Colly CN folding machines, 3000mm long and 10mm thick shears, a metal sheet roller, a nibbling machine, a punching machine and 5 mig, mag and tig welding posts.

Concerning the cutting off, the shop is equipped with a digital-control saw with cutter and band-saw.

The assembly-shop is equipped with semi-automatic, alu, inox, by point welding posts and various equipments such as drill press and portable tooling. The unit is assisted by two 5 ton capacity overhead travelling cranes on a 800m² area.

The paint-work is achieved in a 12m x 5m cabin supplied with a preparatory laboratory.

