



# MOUV

**Mechanics, Tooling,  
Machining  
and Glassworking**

## WHAT WE OFFER : SERVICES & EXPERTISE

- Support and technical assistance at all stages of mechanical or glass prototyping design, from mechanical fabrication of a device to on-site experimental installation
- Technical advice
- Development of vacuum devices
- CAD/CAD/CAM (Computer-Aided Drafting/Design/Manufacturing)
- Borosilicate 3.3 and quartz glass processing



### Milling equipment

- A park of 3-axis digital milling machines with strokes from 550 x 350 x 300 mm to 1500 x 670 x 625 mm
- A conventional 3-axis milling machine with strokes from 250 x 150 x 350 mm to 600 x 250 x 400 mm
- A 5-axis milling machine with 1530 x 530 x 465 mm stroke and a 650 mm diameter rotary table for the 4<sup>th</sup> and 5<sup>th</sup> axes



### Glassworking

- Glassmaker's table for hand work
- Glass lathe
- Water diamond circular saw
- Rotary table for flat lapping in glassmaking
- Glass annealing/hermoforming bell furnace up to 1000°C (capacity 600 liters, actual inside dimensions: width 2000 mm, depth 1000 mm, height 300 mm)



### Lathes

- A digital lathe park with 2 lathes ranging from a diameter of 160 mm by 750 mm stroke length to a diameter of 255 mm by 1500 mm stroke length
- A conventional lathe park with :
  - 2 lathes ranging from a diameter of 250 mm by 1500 mm length, up to a diameter of 400 mm to/and 700 mm with the bed broken by 2000 mm length
  - a collet lathe with diameters from 1 to 20 mm per 500 mm stroke length



### Machines

- Machines for machining, prototyping, metrology, TIG and MIG welding, brazing, tribofinishing, bead-blasting, etc

## CONTACT

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Picture credits : Yvan Flamant

[www.uclouvain.be/mouv](http://www.uclouvain.be/mouv)