

OAXA

EYEWEAR MANUFACTURING MACHINES & SOLUTIONS

MicroLab

MicroLab' Description



MP5 Front Prototyping machine

- ✓ Weight: 800 Lbs.
- ✓ Length: 43 in
- ✓ Width: 39 in
- ✓ Height: 86 in
- ✓ Semi-Automatic milling of acetate fronts
- ✓ 5 axis
- ✓ Same components, same capabilities and same electronic as MF5 production machine.
- ✓ 100% compatible with MF5 production machine
- ✓ Temple cutting device.



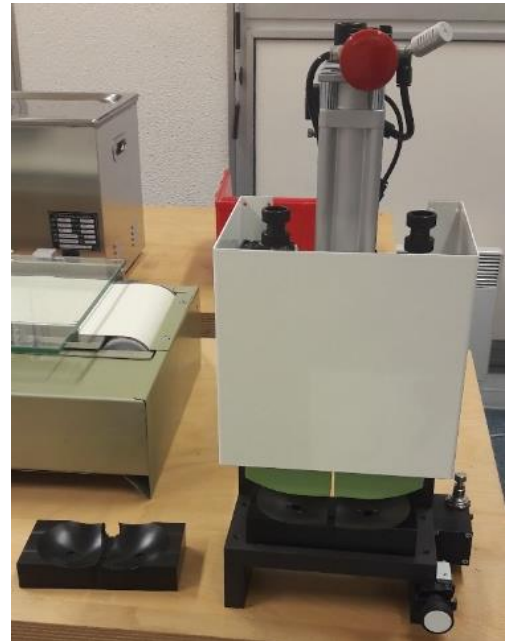
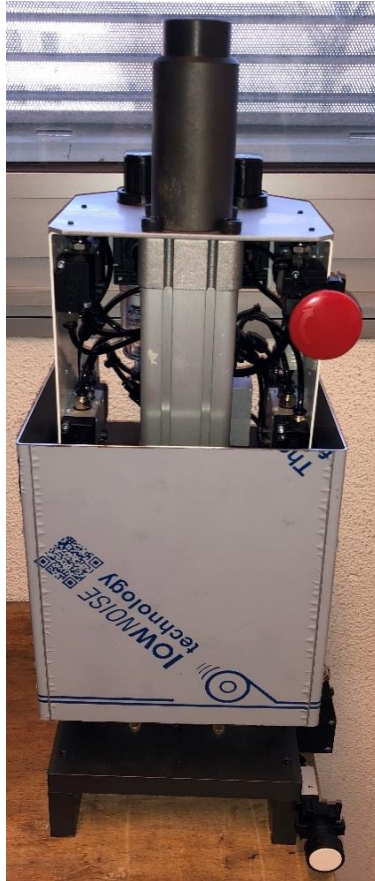
Hinge inserting machine

- ✓ Weight: 45kg
- ✓ Length: 14.5 in
- ✓ Width: 18.5 in
- ✓ Height: 26 in
- ✓ 200W – 220V



Bending press

- ✓ Weight: 70 Lbs.
- ✓ Length: 10 in
- ✓ Width: 10 in
- ✓ Height: 24 in
- ✓ Pneumatic
- ✓ Software option to mill the base (bending mold) with the MP5 machine.



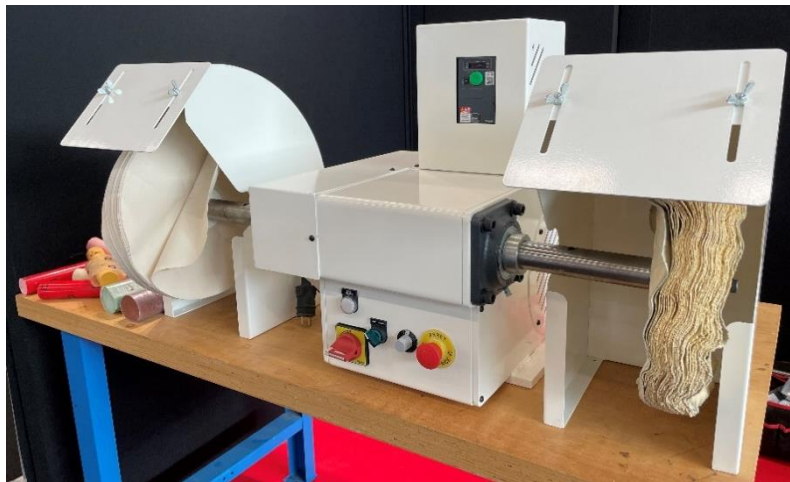
Rotative oven

- ✓ Weight: 100 Lbs.
- ✓ Length: 24.5 in
- ✓ Width: 27.5 in
- ✓ Height: 26.5 in
- ✓ 800W - 220V



Polishing machine

- ✓ Weight: 100 Lbs.
- ✓ Length: 42 in
- ✓ Width: 37.5 in
- ✓ 1.7kW – 3 phasis + Neutral
- ✓ Frequency inverter
- ✓ Set of rolls and pastes included.



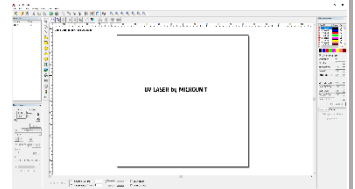
Polishing Barrels

- ✓ Weight: 140 Lbs.
- ✓ Length: 42 in
- ✓ Width: 20 in
- ✓ Height: 73 in
- ✓ 1kW – 220V



Laser UV for Marking

- ✓ Weight: 60 Lbs.
- ✓ 50W – 220V



Front and Temple Angling

✓ 550W



100% secure Circular Saw

✓ 2.2kW – 220V

✓ Weight: 100 Lbs.

✓ Length: 28.5 in

✓ Width: 33.5 in

✓ Height: 35.5

✓ Stops automatically and instantaneously if there is a risk with fingers.



Workbench

- ✓ Weight: 100 Lbs.
- ✓ Length: 79 in
- ✓ Width: 29.5 in
- ✓ Height: 31.5 in



Ultrasonic tank 10 Gallon



Tool trolley

- ✓ Fully equipped with complete set of metric tools



	Number	Needed in the MicroLab'	Provided by OAXA-MicroLab	Needed in the MicroFab'	Provided by oaxa-MicroLab
Lona5 software		✓	✓	✓	✓
Lona5 training		✓	✓	✓	✓
MP5 CNC Prototyping machine (5 axis)	100	✓	✓	✓	✓
MF5 CNC Production machine (5 axis)	160	✗	✗	✓	✓
MB1 temple machines - shooting and milling	161	✗	✗	✓	✓
MC1 welding machine	162	✗	✗	✓	✓
Bending press with heating device	102+103	✓	✓	✓	✓
Machine to insert hinge on the front	101	✓	✓	✓	✓
2nd hinge inserting machine	101	✗	✗	✓	✓
Kit to cut shooted rectangle on the MP (temples)		✓	✓	✗	✗
Polishing (Rolls)	105	✓	✓	✓	✓
2nd polishing rolls	105	✗	✗	✓	✓
Small Barrel for polishing	133	✓	✓	✓	✓
Big barrels for polishing	126	✗	✗	✓	✓
2nd set of Big barrels	126	✗	✗	✓	✓
Angling machine (connect temples on the front)	127*	✓	✓	✓	✓
2nd Angling machine	127*	✗	✗	✓	✓
Plane machine	156	✗	✗	✓	✓
Quality control tools		✓	✓	✓	✓
First set of cutters		✓	✓	✓	✓
All training associated with prototyping		✓	✓	✓	✓
All training associated with manufacturing		✗	✗	✓	✓
Compressor ~5KW		✓	✗	✗	✗
Compressor + 10KW		✗	✗	✓	✗
Air dryer for compressed air		✗	✗	✓	✗
Electrical set up		✓	✗	✓	✗
Lona5 computer		✓	✓	✓	✓
Demo lenses cutting machine		Optician*	✗	✗	✗
Automatic demo lenses cutting machine	164	✗	✗	✓	✓
Secured circular saw to cut acetate strip		✓	✓	✓	✓
Storage for acetate		✓	✗	✓	✗
Hand tools		✓	✓	✓	✓
Workbench		✓	✓ (2)	✓	✓ (3)
Divers furnitures (tables, chairs, lights...)		✓	✗	✓	✗
Marking of temples (laser)		✓	✓	✓	✓
Automatic cutting machine (rectangles)	155	✗	✗	✓	✓
Motorized screw driver	169	✗	✗	✓	✓

MicroUnit Training Program

- We provide training on Lona5 design software to create your collection.
- We also train you on finishing tasks (polishing, bending, hinge inserting...) with a specialist with 15 years of experience in the manufacturing of high end frames
- All training is provided at your premise and "unlimited" until your frames of the highest quality are ready to go in the shop window.

Training Support

- We provide comprehensive tutorials to remind you of all points seen during training, anytime. Includes explanations, screen videos, & step-by-step assistance.
- We provide a direct link via a cloud. You can share anytime one of your design you need assistance with, we will answer you with a screen video within 48h max.
- Remote assistance. Anytime we can connect to check your setting and solve potential problems be it on the machine or on the software setting

Supply Chain

A comprehensive list of contacts is provided so you can purchase raw material and components like hinges or polishing products directly from the suppliers. You will benefit from the best diversity of choices at the best price. We don't make profits on consumables: we give you the contact directly to develop and negotiate your own terms.

Business Model

Check out our Excel business simulation. Enter your own data and see your even point and the profitability of your projects.

Guarantee

We stand behind all MicroUnit products. We offer a two-year warranty for parts and labor against any issues or defects with use as the machines are intended. Please contact us for full terms.



Name:

Company Name:

Phone:

e-mail:

Address:

Please check if one applies.

- I would like to have more information on your offer
- I would like you to visit me, so we sit around a table and we discuss my project
- I would like to reserve a production slot and send a "pre-order" with a \$2000 deposit
- I had answers to all my questions, and I would like now to place an order

ADDITIONAL COMMENTS:

THE OAXA ADVANTAGE

- Proven Track Record
- Limitless design possibilities
- Increased sales and profits
- Opportunities to differentiate from the competition
 - Exceptional quality
- On-trend eyewear with reduced time to market
 - Proprietary 3D design software
 - Unparalleled training and support