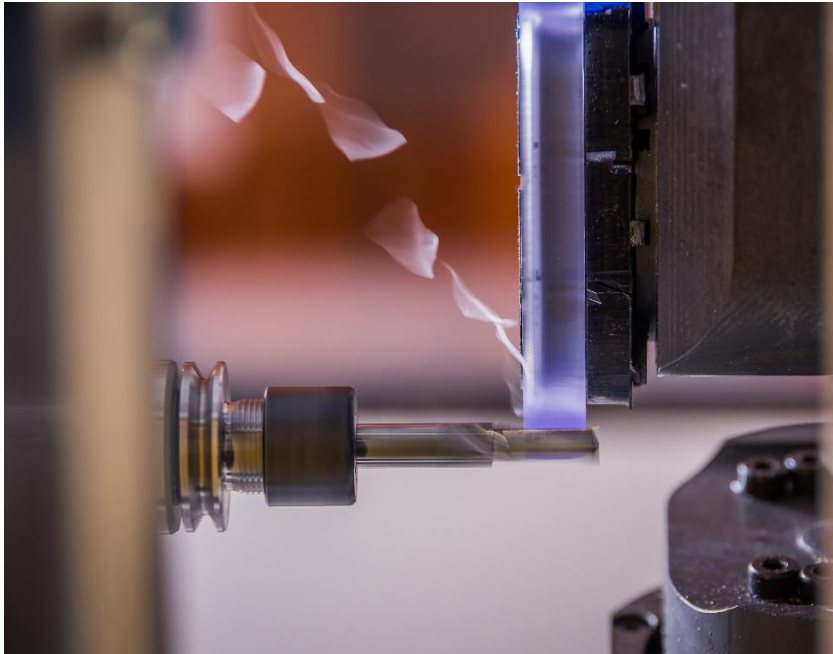
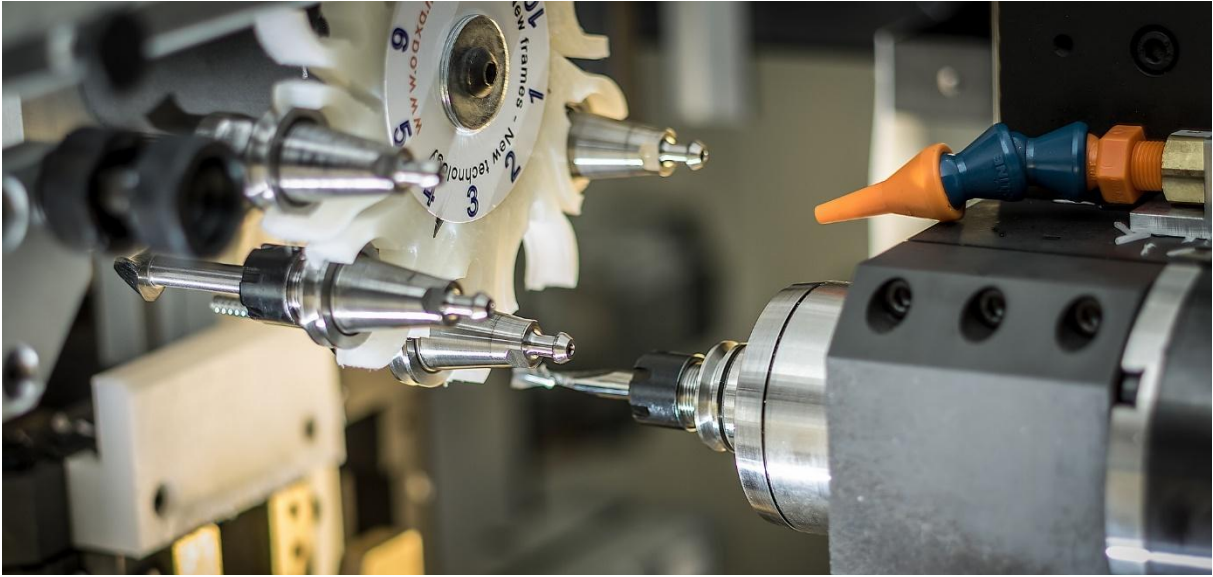


OAXA
EYEWEAR MANUFACTURING MACHINES & SOLUTIONS
MicroLab

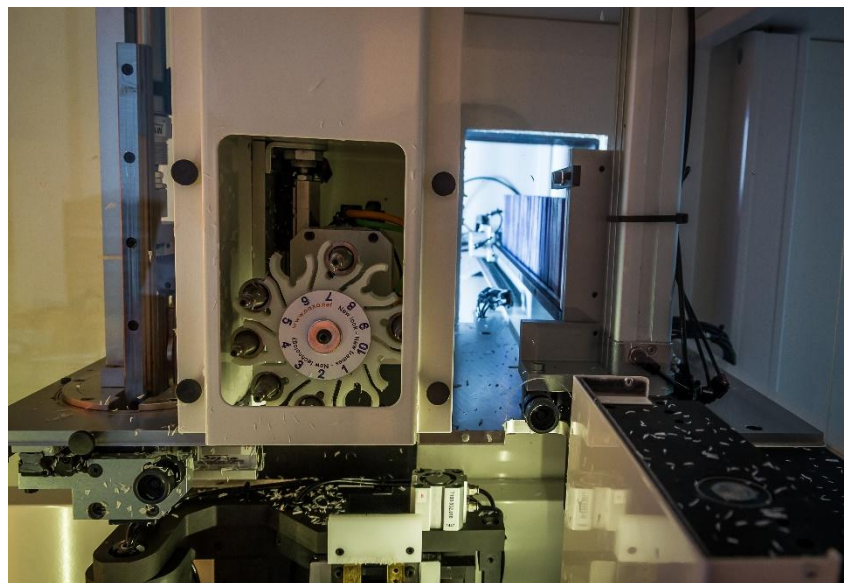
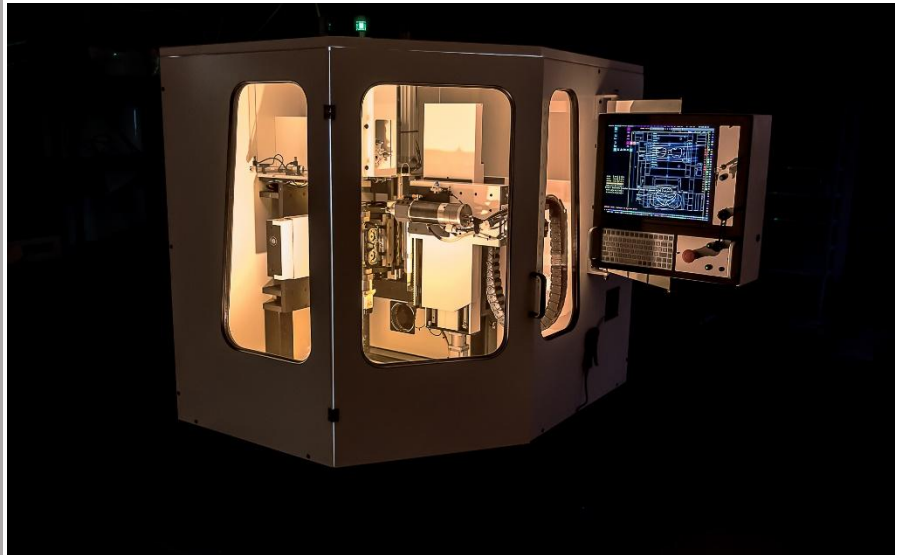
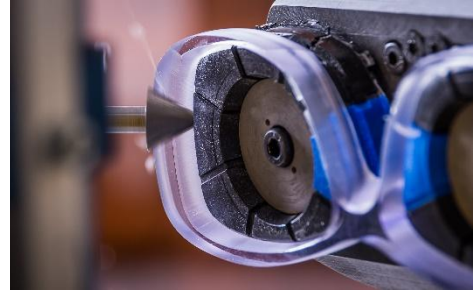
MicroUnit Fab Description





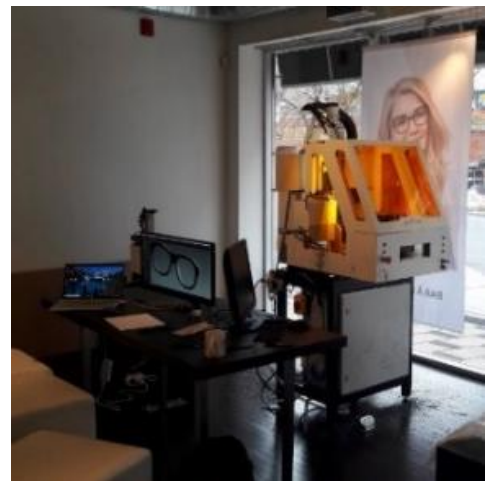
MF5 Front Production machine

- ✓ Weight: 1600 Lbs.
- ✓ Length: 55.5 in
- ✓ Width: 55 in
- ✓ Height: 80 in
- ✓ 15 AMPs
- Automatic milling of acetate fronts
- 5 axes
- High frequency Spindle 2400 rpm
- Automatic tool changing – 10 tools
- Excellent surface finishing
- Loader ~200 pieces
- Production capacity: up to 200 pieces per day of high-quality frames



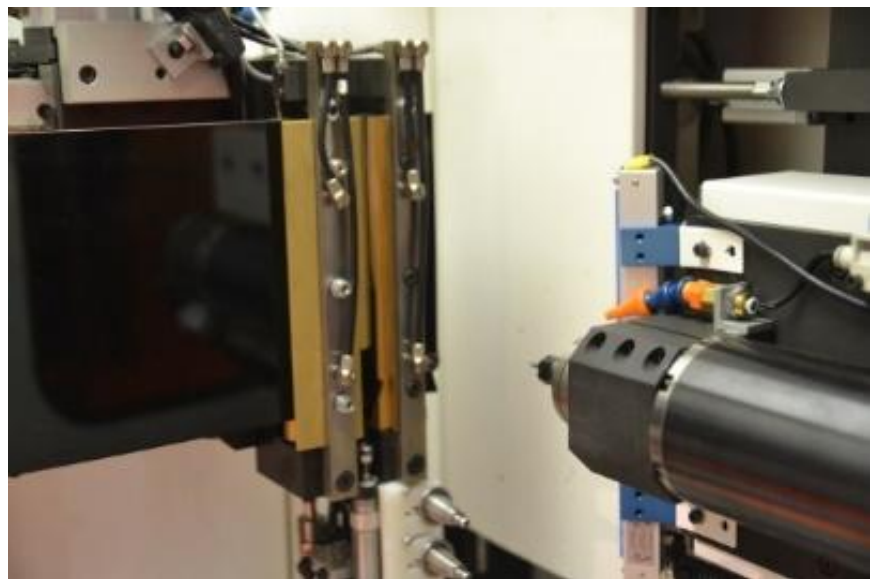
MP5 Front Prototyping machine

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



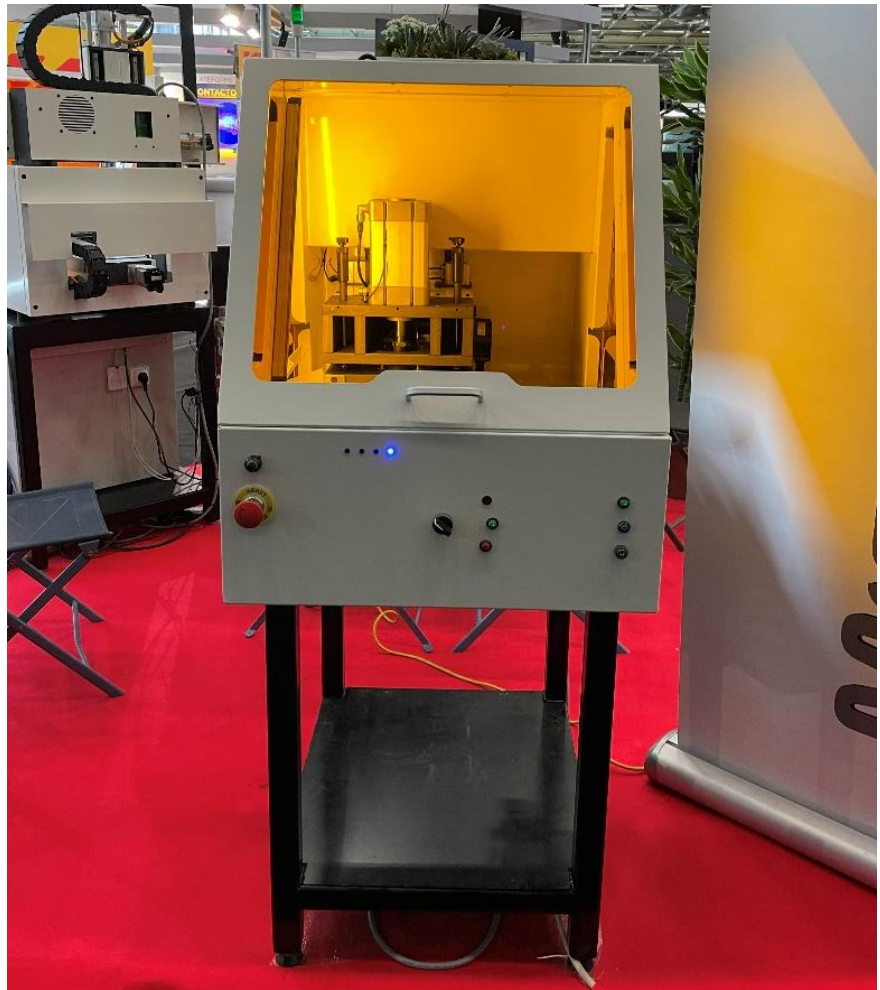
MB1 Temple Machine

- ✓ Weight: 1800 Lbs.
- ✓ Length: 105 In
- ✓ Width: 72 In
- ✓ Height: 83 In
- ✓ 20 AMPs
- Automatic manufacturing of temples
- Wire core shooting and temple milling
- Hinges and material loader
- High frequency heating
- 100% automatic
- Production capacity up to 200 pairs of high-quality temples per day



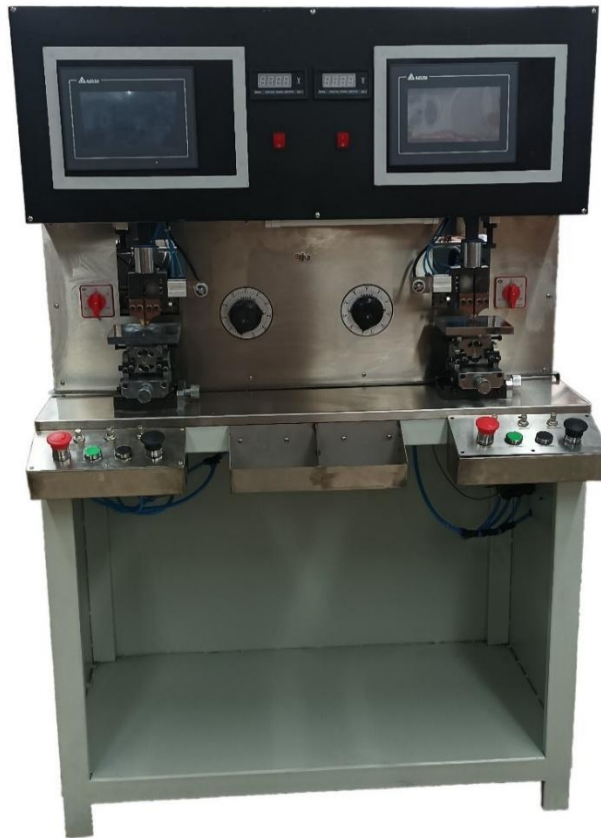
MC1 Welding machine

- ✓ Weight: 800 Lbs.
- ✓ Length: 31.5 In
- ✓ Width: 34.5 In
- ✓ Height: 79 In
- ✓ 20 AMPs
- Friction welding
- Automatic welding of acetate plates
- Loader of raw material
- High productivity rate about 10 pieces per min



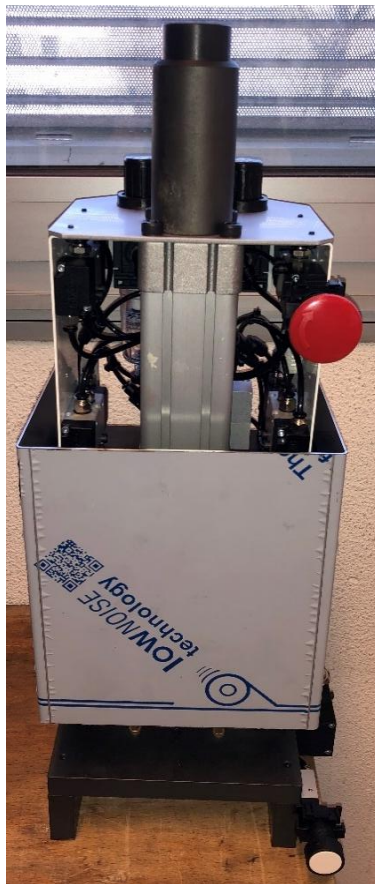
Hinge inserting machine

- ✓ Weight: 540 Lbs
- ✓ Length: 43 in
- ✓ Width: 37 in
- ✓ Height: 64 in
- ✓ 200W – 220V
- 2 heads (right and left)
- 4 axis swivel table



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
- Frequency inverter
- Set of rolls and pastes included.



Polishing Barrels

- ✓ Weight : 600 Lbs.
- ✓ Length : 69 In
- ✓ Width : 29.5
- ✓ Height : 71
- ✓ 1.1kW



Automatism for barrels

- ✓ 25W
- Cycling time management
- Security management



Laser UV for Marking

- ✓ Weight : 60 Lbs.
- ✓ 25W – 220V



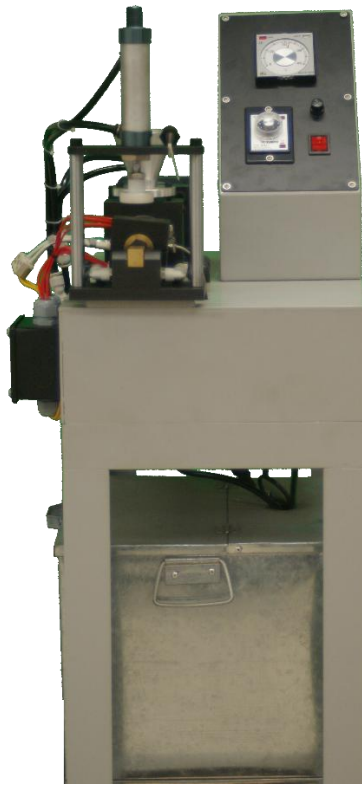
Planner

- ✓ Weight : 600 Lbs.
- ✓ Length : 47.5 In
- ✓ Width : 27.5 In
- ✓ Height : 50 In
- ✓ 1.8 kW



Hinge Caping

- ✓ Length : 17 In
- ✓ Width: 26 In
- ✓ Height : 40.5
- ✓ 700W – 220V



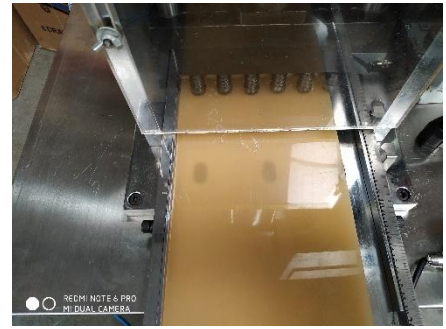
Front and Temple Angling

- ✓ 550W



Acetate Cutting Machine

✓ 1.6kW



Circular Saw

✓ 2.2kW -220V



Lens Cutting Machine

- ✓ Weight : 800 Lbs.
- ✓ Length : 31 in
- ✓ Width: 23 in
- ✓ Height : 63 in
- ✓
- ✓ 1.1 kW – 220V
- Automatic cut of demo or solar lenses



Electric Screwdriver

- ✓ Weight : 800 Lbs.
- ✓ Length : 19 in
- ✓ Width: 22 in
- ✓ Height : 19 in
- ✓
- ✓ 180W – 220V
- Semi Automatic
- Lubrification



Workbench



Ultrasonic tank
30 L



Tool Trolley



	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	✗	✗	✓	✓
Hinge caping machine		✗	✗	✓	✓
Demo lenses cutting machine		Optician*	✗	✗	✗
Automatic demo lenses cutting machine	164	✗	✗	✓	✓
Secured circular saw to cut acetate strip		✓	✓	✓	✓
Automatic cutting machine (rectangles)	155	✗	✗	✓	✓
Motorized screw driver	169	✗	✗	✓	✓
Marking of temples (laser)		✓	✓	✓	✓
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		✓	✓	✓	✓
Storage for acetate		✓	✗	✓	✗
Hand tools		✓	✓	✓	✓
Workbench		✓	✓ (2)	✓	✓ (3)
Divers furnitures (tables, chairs, lights...)		✓	✗	✓	✗

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

NOTES
