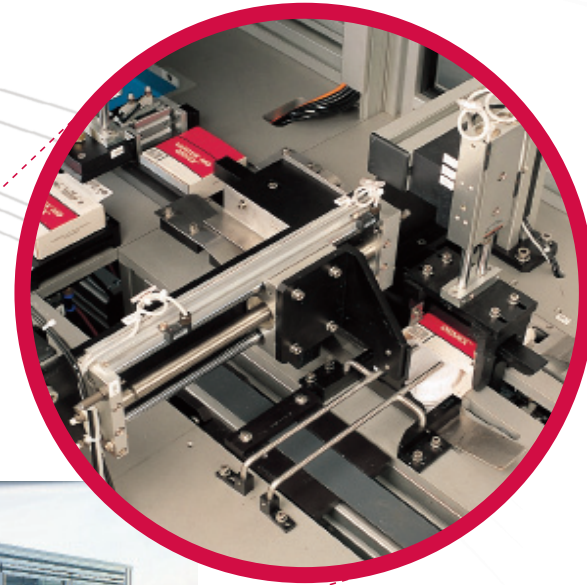
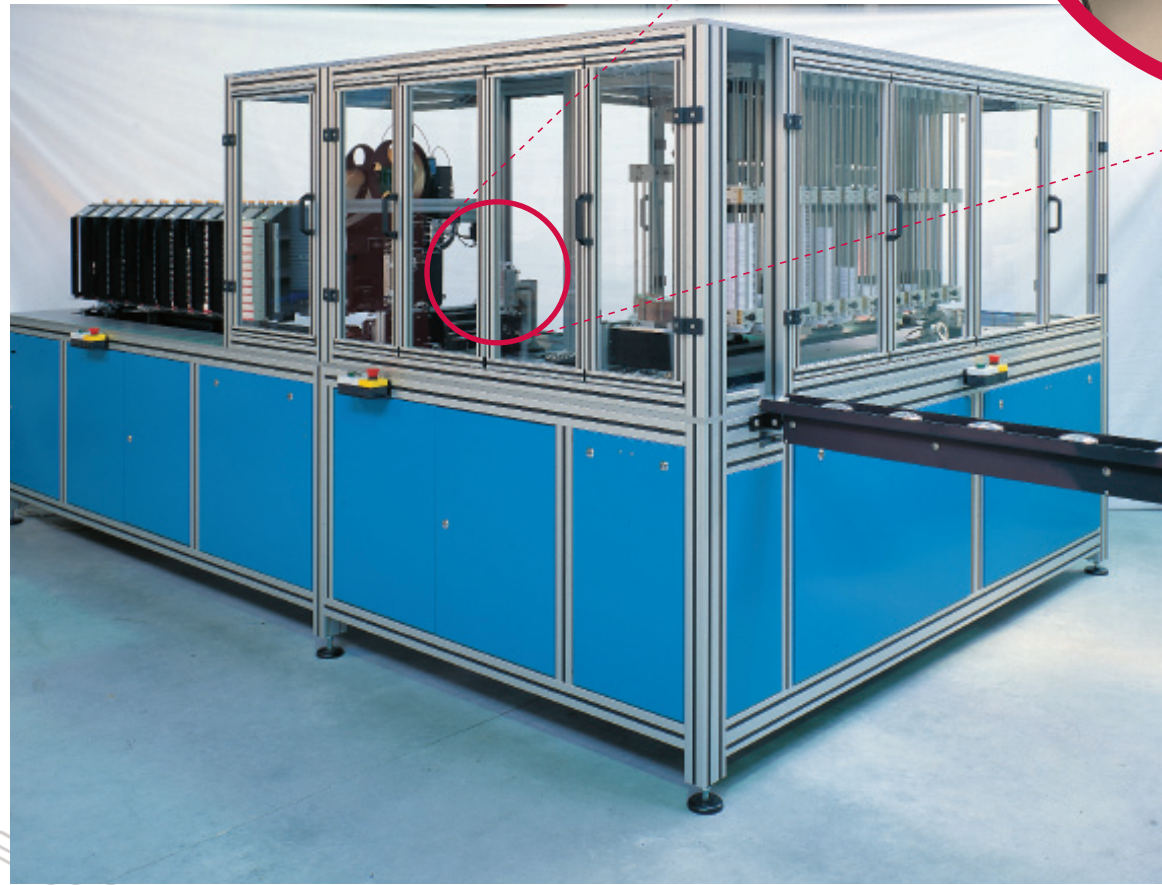




Automation & Robotics

Automatic Packaging Unit for Semi-Finished Lenses

The Automatic Packaging Unit for Semi-Finished Lenses is dedicated to large scale packaging requirements of progressive semi-finished lenses. It packages 720 lenses per hour by choosing the correct plastic cup and box type out of ten cup choices and five box types. After being correctly matched to cup and box, the lens is packaged and sorted into 24 double magazines of 15 packaged lenses each, according to several different criteria that is operator set. Through the use of this machine with the Fully Automatic Pad Printing Unit for Semi – Finished Lenses, complete control and packaging is obtained with almost no operator intervention. By adding several options of diameter, center thickness, and curvature measurements, the machine can be used for packaging single vision and multifocal semi-finished lenses.

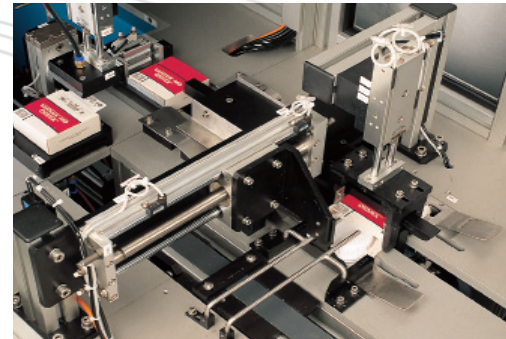
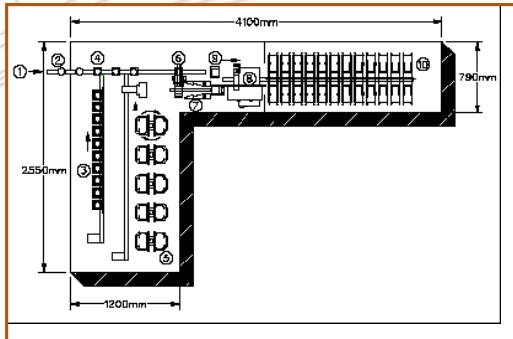


Main Features

Technical Specifications

Benefits

Options



1. From : - MTSFO
- manual loading
2. Loading conveyor belt
3. Plastic cup magazines (10)
4. Lens centering and placing of plastic cup
5. Magazines for empty boxes (2x5)
6. Lens transfer into box
7. Closing of box
8. Thermal transfer printer
9. Printing and applying of the label
10. Storage magazines (2x24)

Type : MESF

Range :
 • Lens diameter 65 mm to 85 mm
 • Convex base : 2 - 10D
 • Overall thickness : 7 to 25 mm

Lens type : semi-finished lenses (round)

Plastic cup :
 • Specially designed for an automatic picking
 • Squared with sides varying from 70 to 85 mm
 • Overall height (cup + lens) 20 to 30 mm

Box :
 • Squared with sides varying from 70 to 85 mm
 • Height : 20 to 32 mm

Label :
 • Width : 50 to 75 mm
 • Height : 30 to 90 mm

Storage box :
 • Capacity : 15 lens cartons in one storage box
 • Dimensions :
 - height : 450 mm
 - width : 70 to 85 mm
 - depth : 70 to 85 mm

Note : only one dimension for plastic cup, box, label and storage box can be chosen. Two box heights are possible (optional)

Storage capacity : 24x2 stacks of 15 boxes

Capacity : 720 lenses/hour

- Complete packaging line
- Automatic cupping
- Filling up of plastic cups & boxes during machine operation
- High flexibility (large choice of cups and boxes)
- Only one operator
- Correspondance semi-finished lens - plastic cup box - label (no mispackaging)
- Diagnostic programs
- Large choice of printing possibilities
- Automatic sorting (24 double magazines)
- Production statistics
- Connection with main computer
- Customized software
- Remote maintenance

- 3 barcode readers (check of the plastic cup, box & label)
 - Second box height
 - Separate manual data entry station
 - FOCOVISION by Reflection to identify single vision lenses
 - LENSMAPPER by Reflection and segment measurement to identify bifocal lenses
- Extension :
- Automatic Identification and Pad Printing Unit for Semi-Finished Lenses (MTSFO)

The sale of all of Automation & Robotics products is subject to the company's applicable Warranty and Limitations of Warranty and to the company's Standard Terms and Conditions of Sale.

Parc industriel de Lambermont
 Rue des Ormes 111
 B-4800 Verviers - Belgium

Tél.: +32 (0)87 322 323
 Fax: +32 (0)87 310 406
 e-mail: aut-rob@ar.be

T.V.A.: BE 0423.637.107
 R.P.M.: Verviers
www.ar.be



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