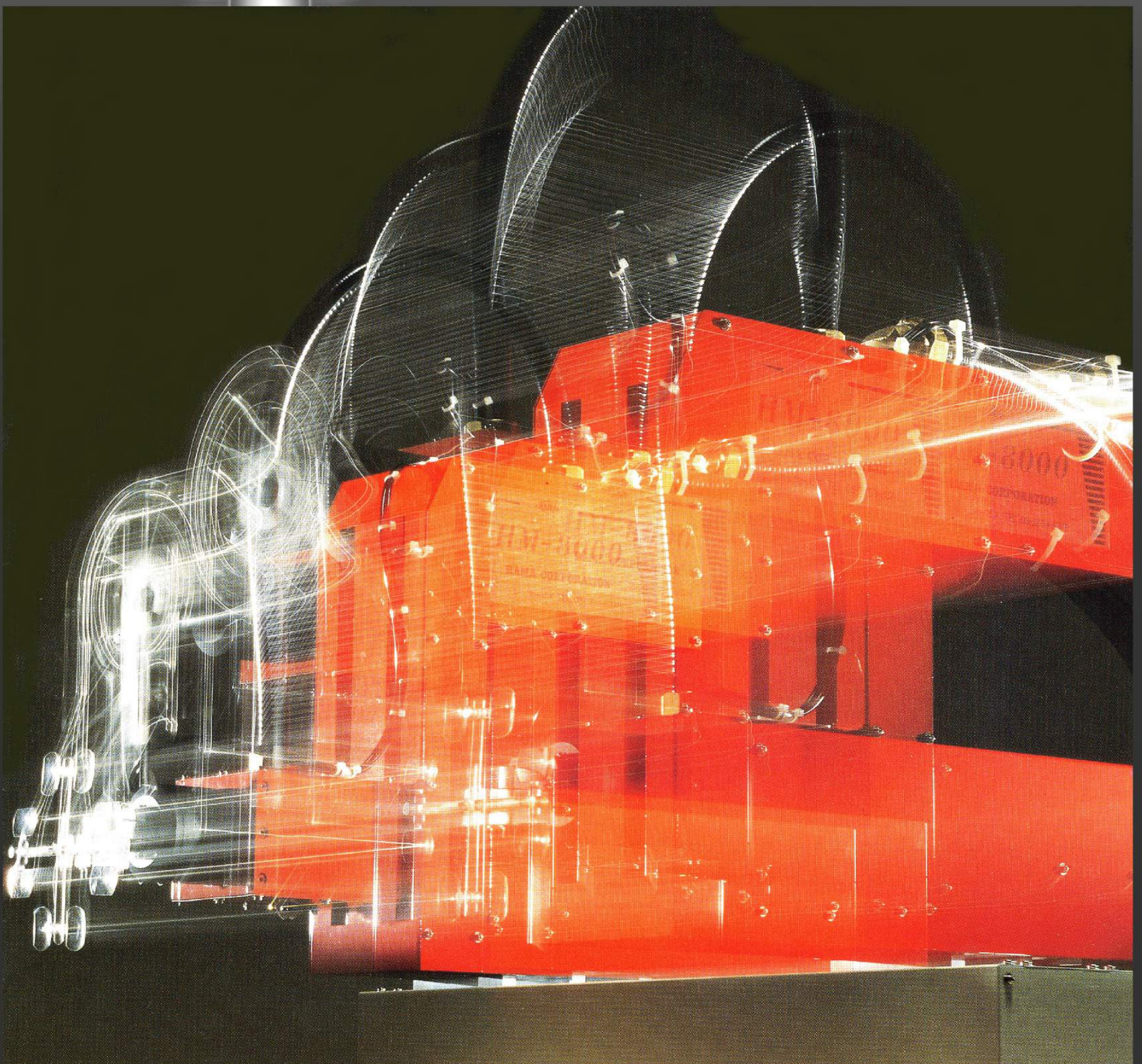


HAMA

PRODUCTS INFORMATION



High Speed Lens Assembly Machine Model HM-AS-3



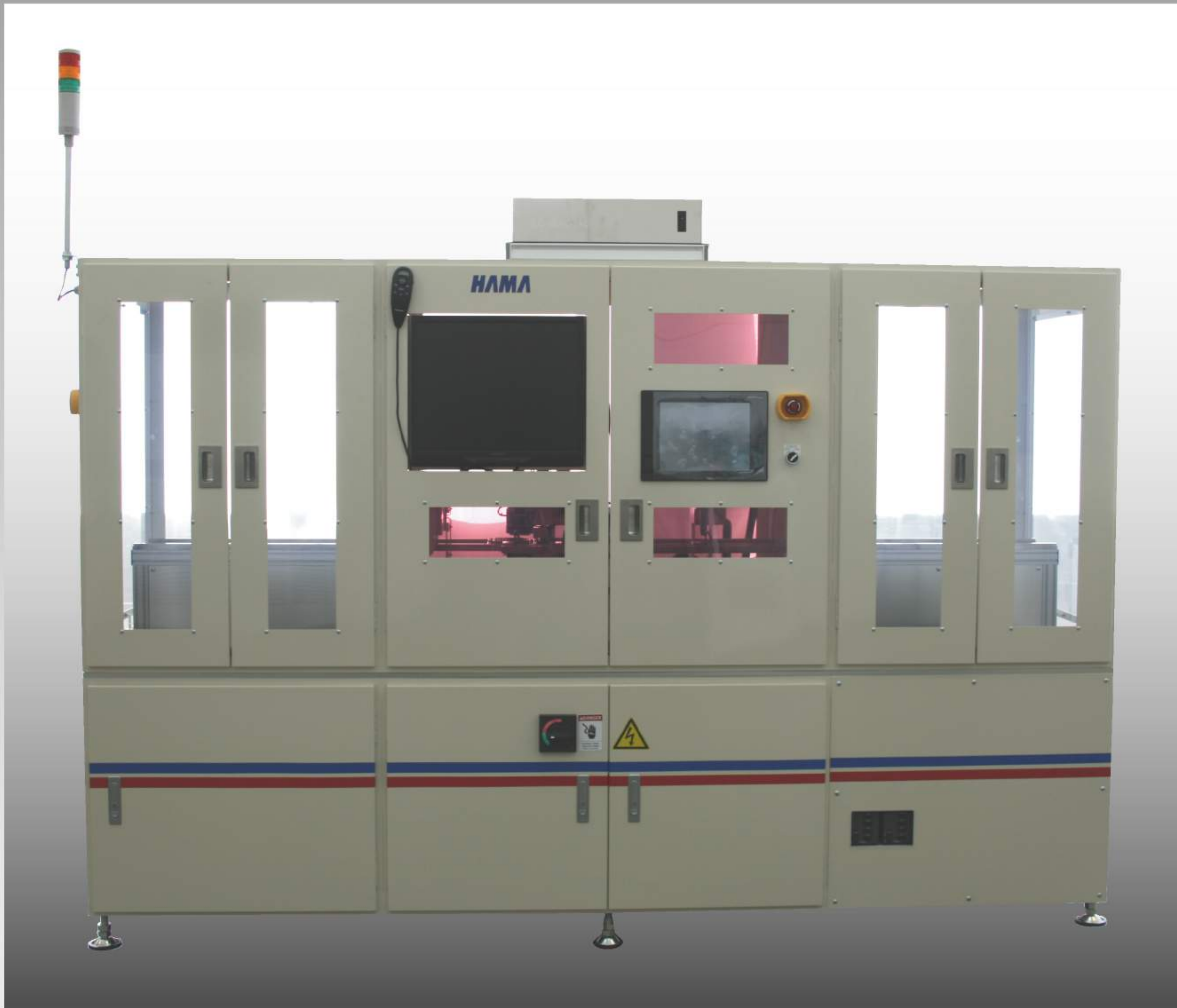
Each part lined up beforehand are taken out of the tray one by one and assembled, then the complete product are lined up in the tray by the auto-operation.



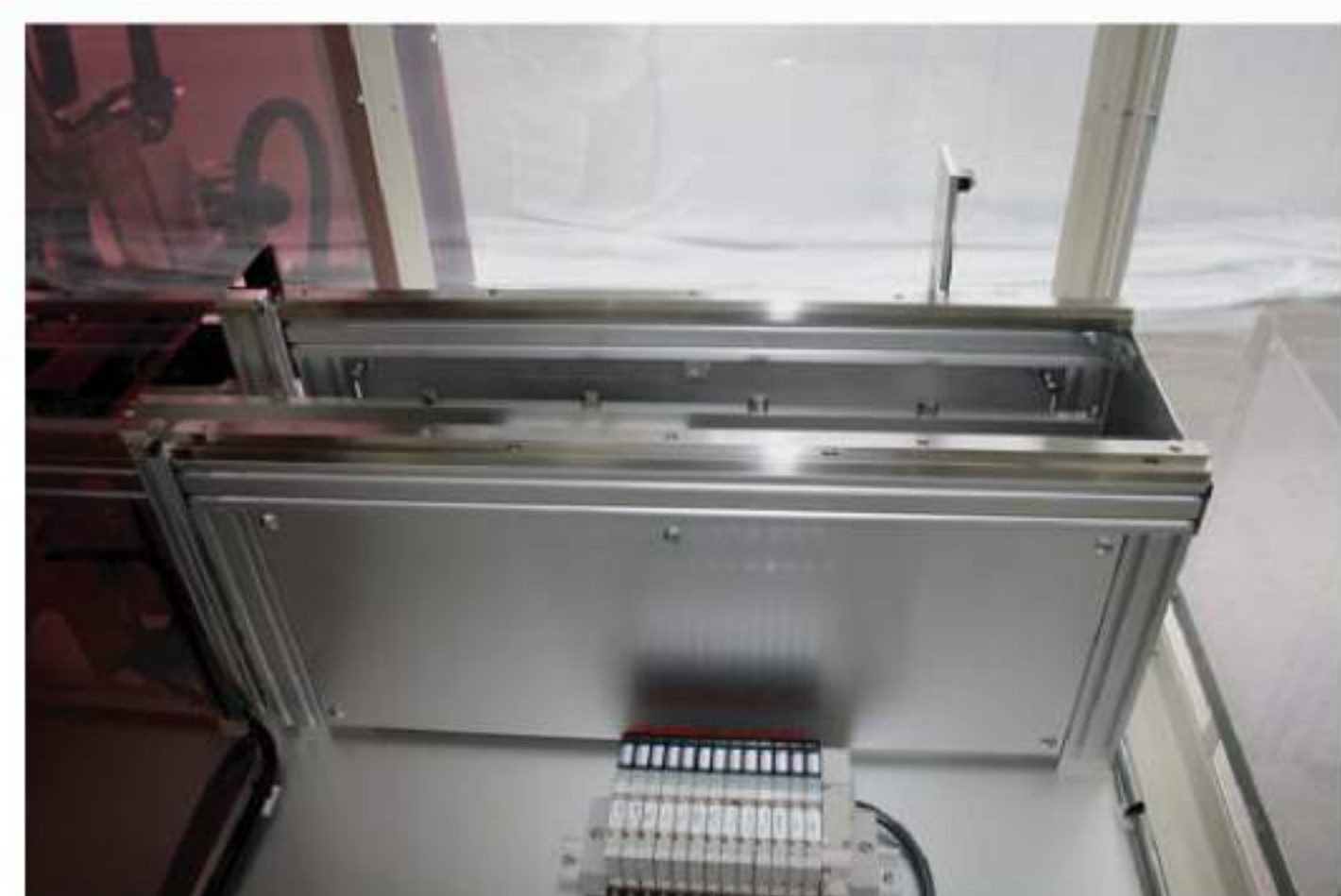
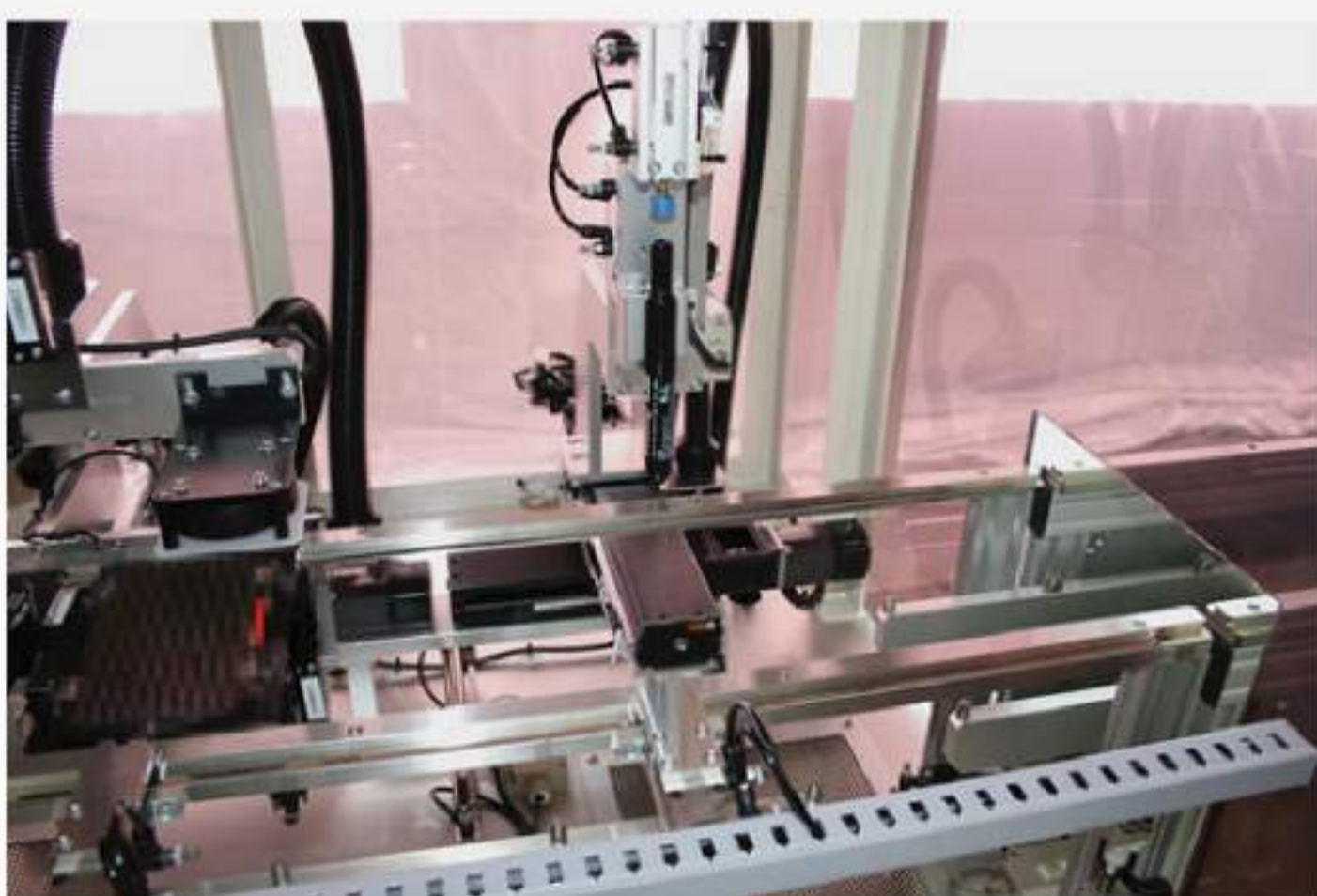
High Speed Lens Cut System



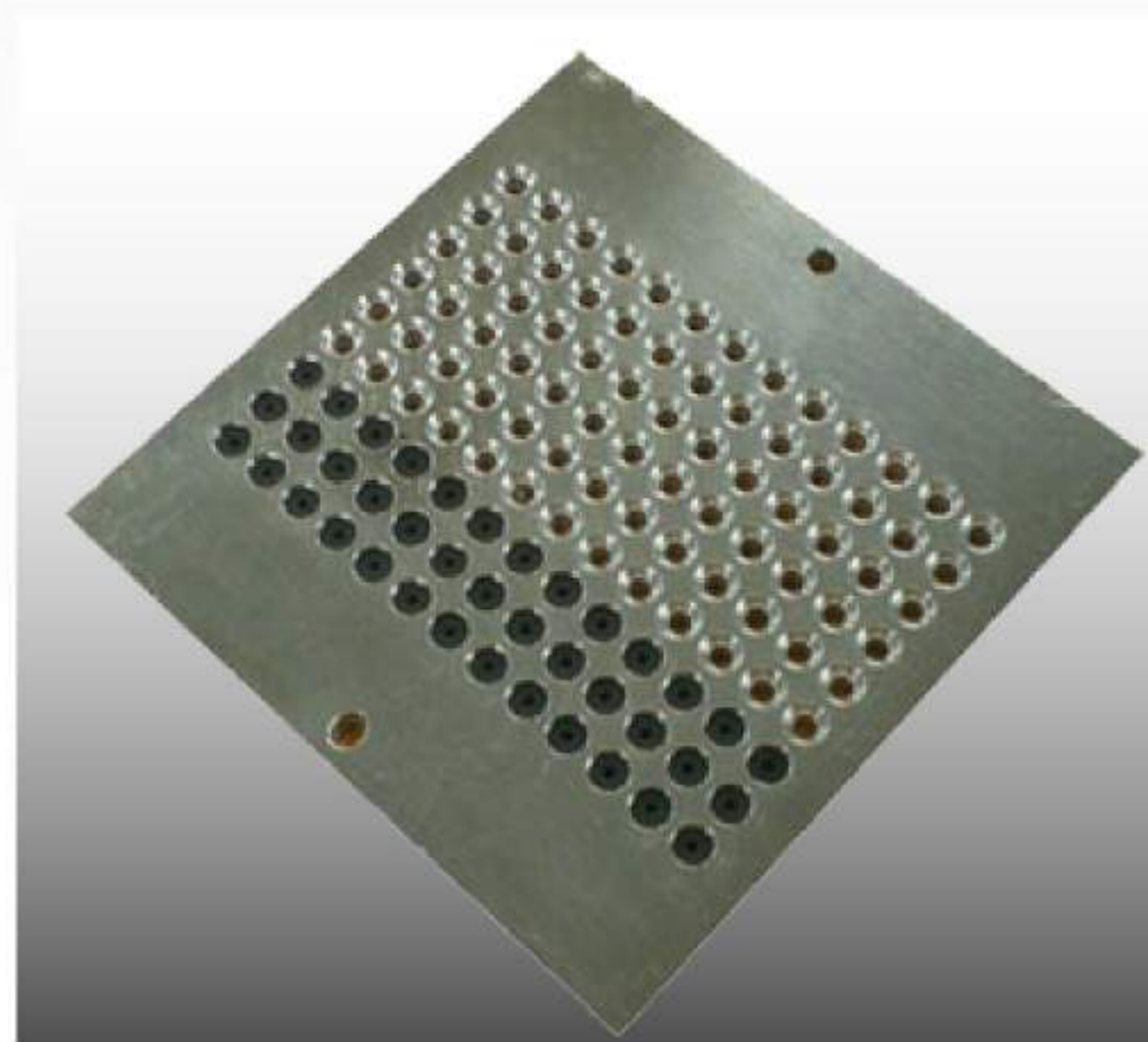
Lens Inspection System



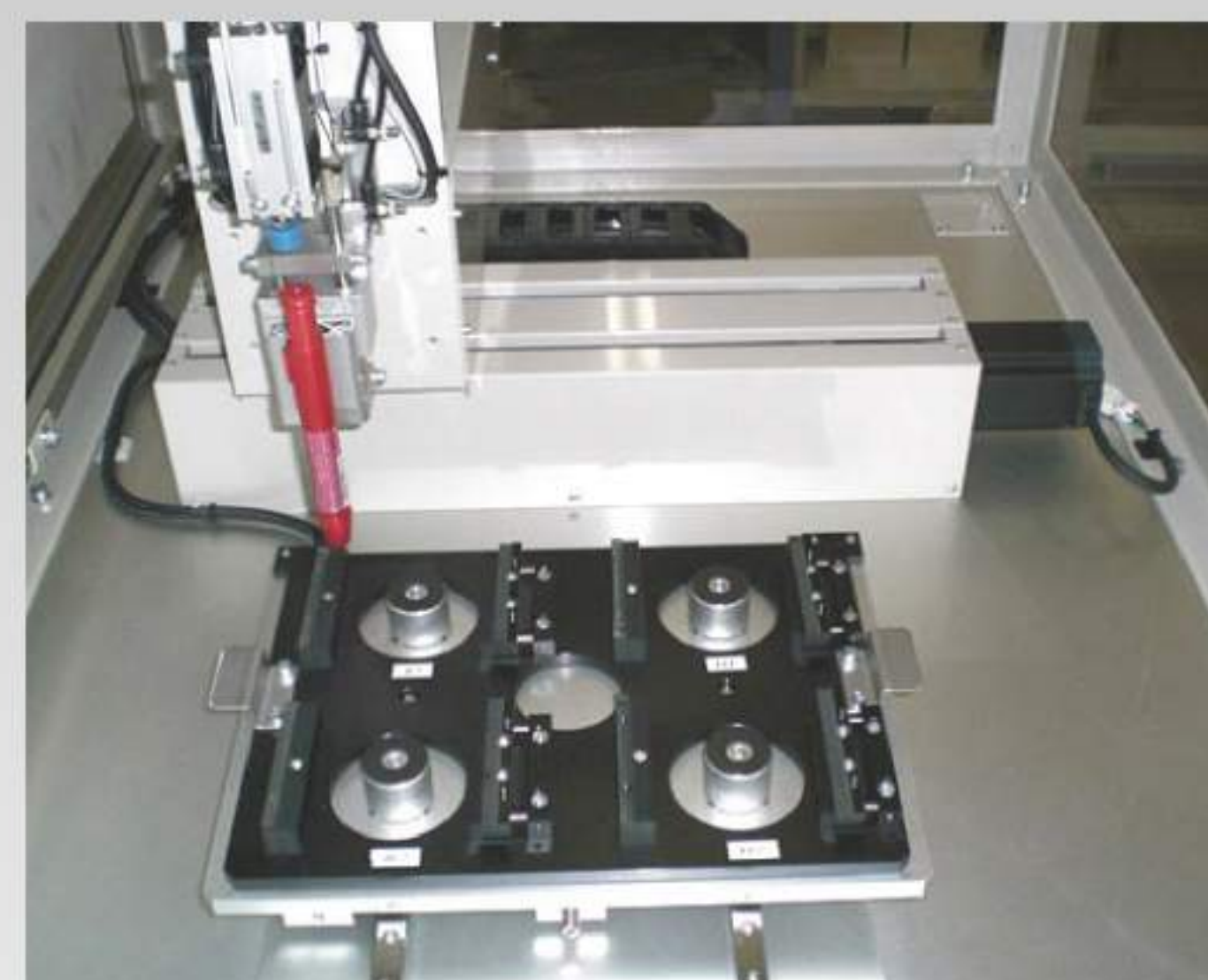
This device inspects the externals, (upper & lower side) garbage foreign body & dirt of the lens which are displayed on the tray, and judges quality items & defective goods.
Total 3 Inspection cameras (2 upper cameras and 1 under camera) detects each different detection object.
The NG lens will be marked.
The buffer space of 5 trays is installed to the supply and discharge side and the door is installed as clean measures.



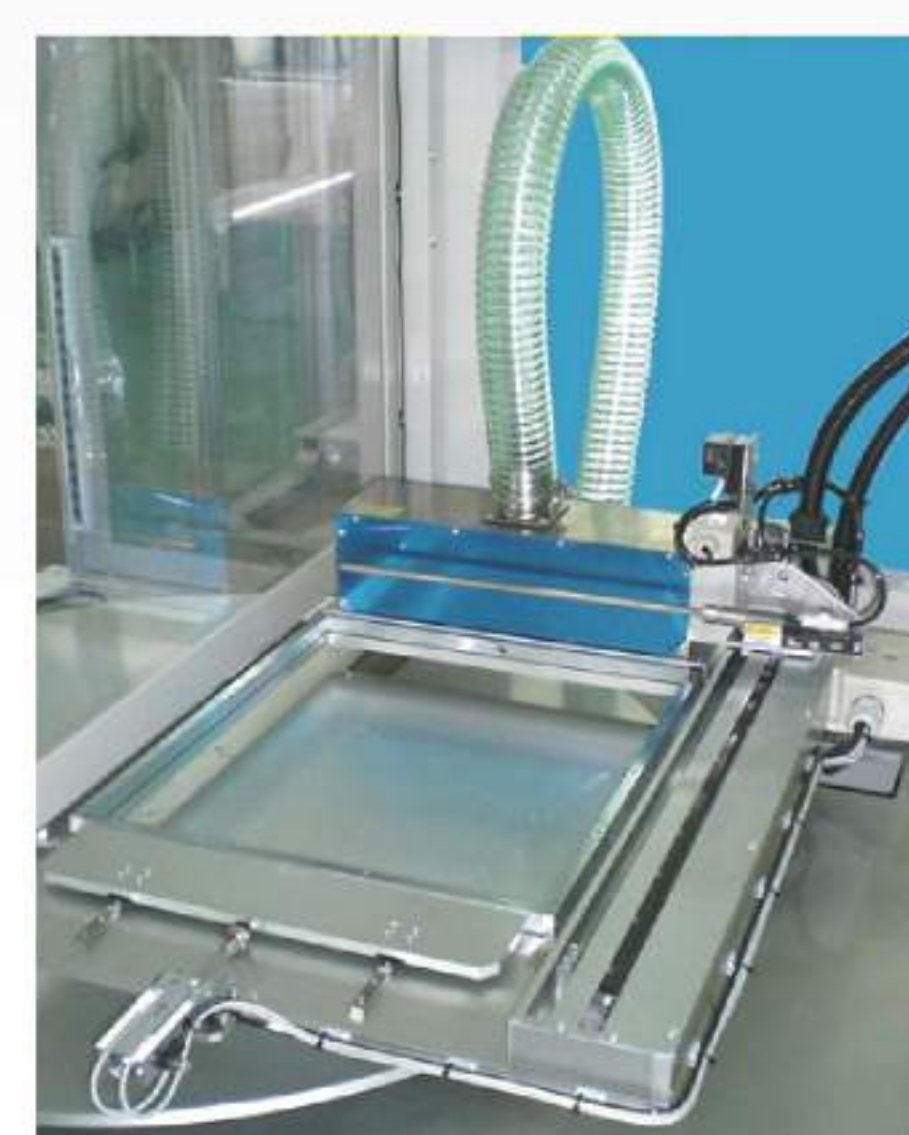
Soma Machine for Lens Unit



Block Checking Bad Marking Machine



Dust Remover



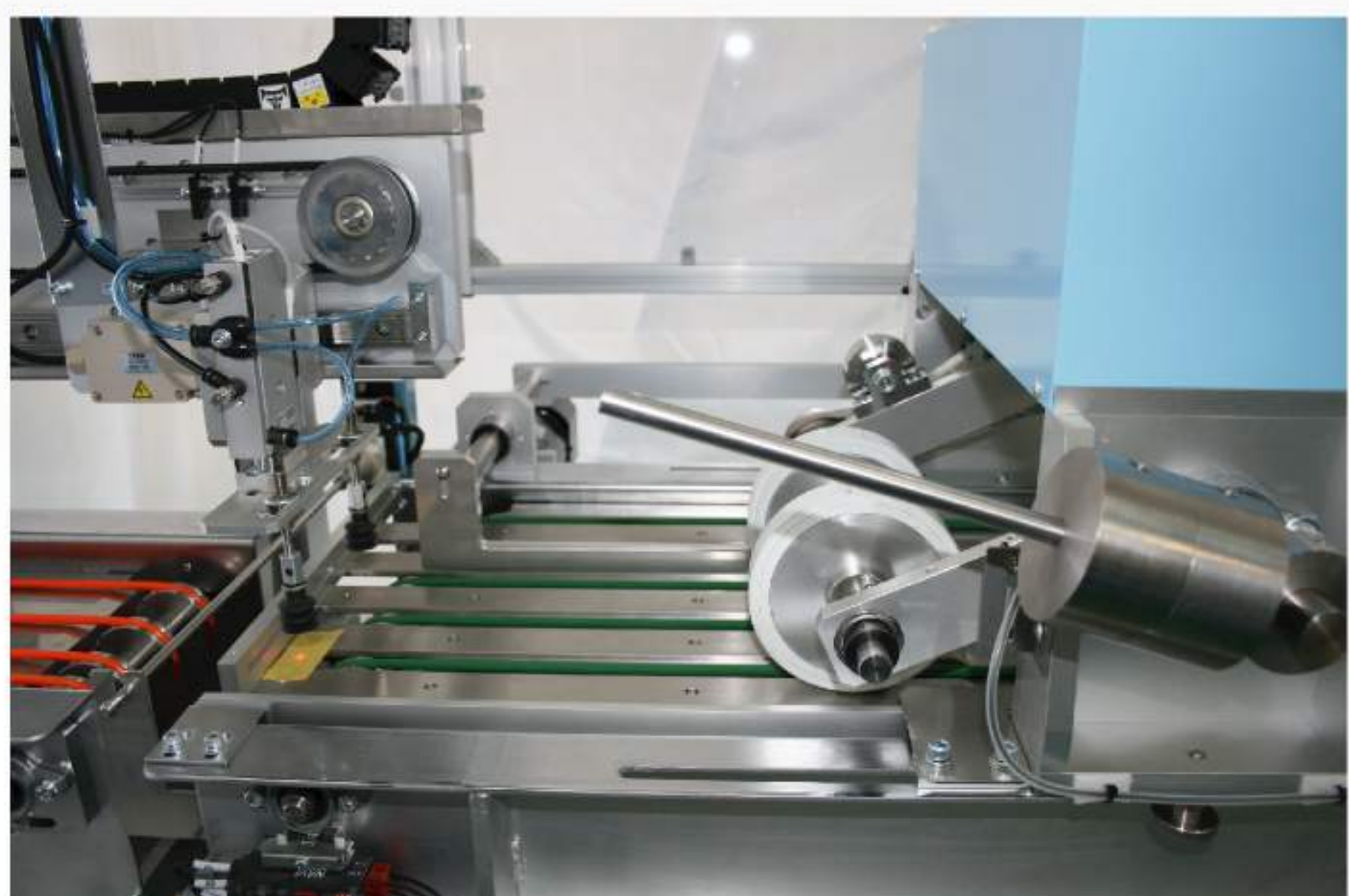
Spout Setter Model HM300-3H



Welding device,Cooling device



Spout parts feeder

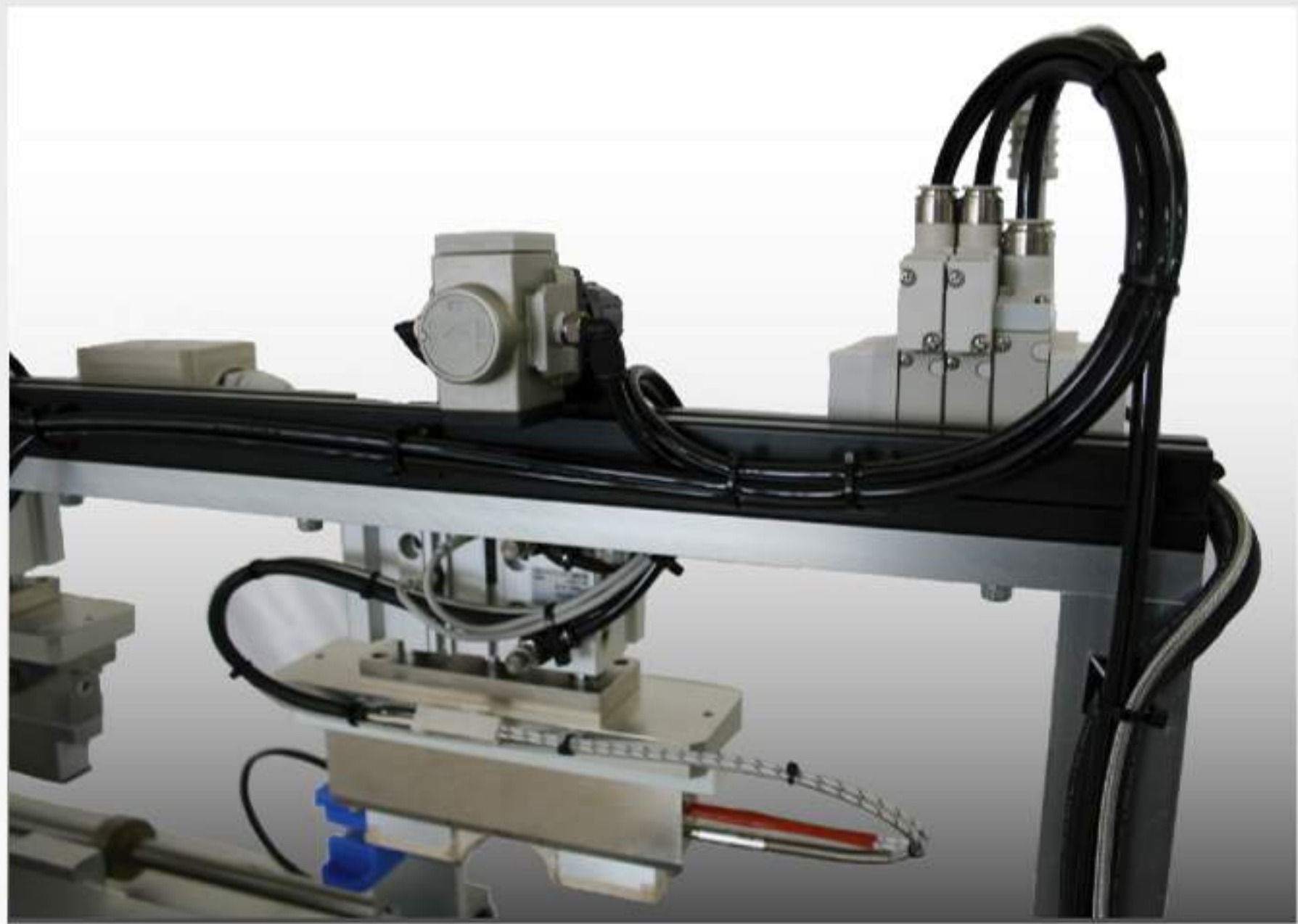


Bag supply device



Spout supply index

Manual Spout Setter Model HM300-FH



Welding metal mold



Pouch Table



Panel switch



Thermoregulator

Soft Bag Production Line for Medical (Composed with 4 Machines)



This machine is composed of the said mentioned models, One operator can operate machines and manufactures 5 kinds of soft bags for medical.



Material Supply Device



Material Supply Device



Pouch Making Machine



Out-Line Cut and
Hole Punch Unit



Spout Setter



Spout + Cap Assembly Inspection Device



Auto Capper (Cap Auto Assembly Device)



Inspection Method:

The device can be judged OK/NG automatically even if the required tightening torque, OK lowest torque, OK highest torque and rotational speed are entered. The height inspection unit can also judge diagonal tightening by the line sensor.



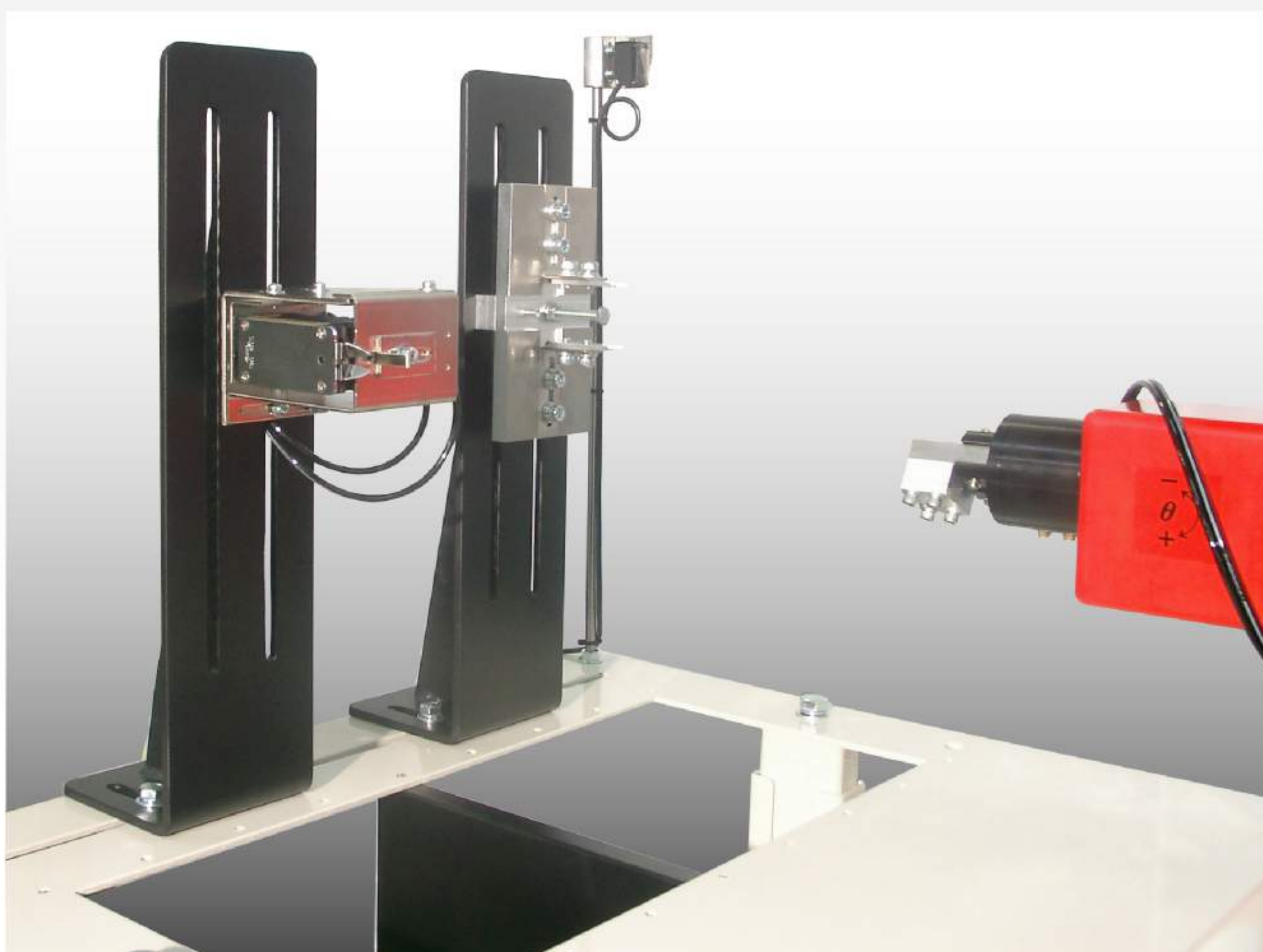
Semi-Auto Pouch Making Machine



HM-9000 4-axes controlled Gate Cut Robot



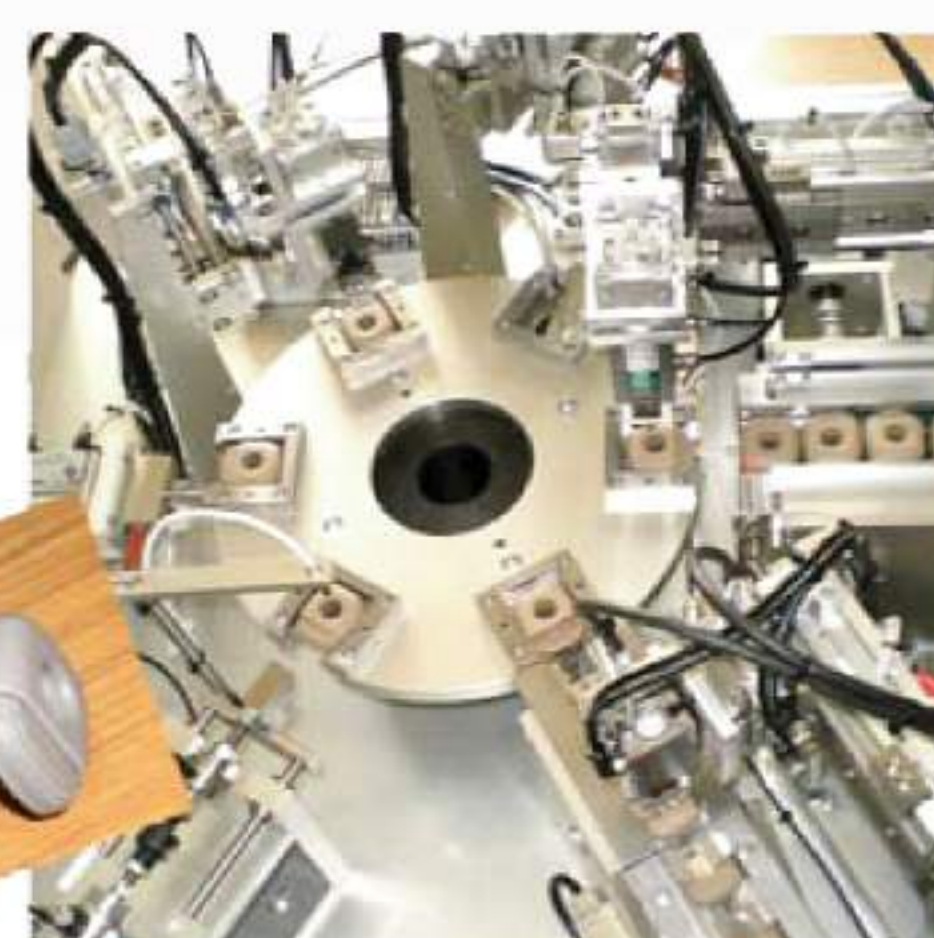
The robot chuck molded pieces taken out of the injection molding machine. And gates are automatically cut during the next molding time. Products can be reversed or moved by the teaching even in case of products with a different pitch, and then product gates are cut automatically. In this case, the cut need not be polished in the next process.



PET Bottle Pick-up Robot HM-5000



Head Rest Assembly and Inspection Machine for Auto-Mobil



Casing Robot for Pen Holder



The feeding robot take out an empty box which lined up on the casing position. Robot receive the pen holder injected, and start casing a constant number in the box. After the casing is finished, the robot puts the real box on the shelf, and goes to take out the following empty box. The robot repeats this work.



BRIEF OF HAMA CORPORATION

Established April 1, 1957

Paid up capital ¥ 40,000,000

Employee 50

Main Bankers

- The Mizuho Bank Ltd., Kamata Branch, Tokyo
- The Tokyo-Mitsubishi UFJ Bank Ltd., Kamata-Ekimae Branch, Tokyo
- The Meguro Shinkin Bank, Unoki Branch, Tokyo
- The Minaminihon Bank, Ltd., Makurazaki Branch, Kagoshima
- The Sumitomo-Mitsui Bank, Ltd., Shimomaruko Branch, Tokyo

President Junichi Hamaguchi

History

- (1957) The Company was started by President J. Hamaguchi at Shimomaruko, Ohta-ku, Tokyo.
- (1960) Changed into Hamaguchi Seisakusho Co., Ltd.
- (1961) Changed into Hamaguchi Seisakusho Company.
- (1981) Started manufacturing sales of Microphone.
- (1983) Changed into Hama Corporation.
- (1987) Started development and manufacturing sales of Gate Cut Robot.
- (1991) Started development and manufacturing sales of Casing Robot.
- (1991) Operation began at The Kagoshima factory.
- (1992) Started development and manufacturing sales of Plastic Lens and Gate Cut Stocker.
- (1994) Started development and manufacturing sales of Traverse.
- (2005) Operation began at The Kagoshima second factory.

Offices

Head Office

4-4-19 Shimomaruko, Ohta-ku
Tokyo, 146-0092 Japan
TEL +81-3-3759-8378/FAX +81-3-3756-7080

Kagoshima Factory

8303 Tomari, Bohnotsu-Cho, Minami-Satsuma-Shi,
Kagoshima-ken, 898-0102 Japan
TEL +81-993-67-0144/FAX +81-993-67-0151

Osaka Office

TEL +81-6-6934-6602

Nagoya Office

TEL +81-52-703-3761

Kanagawa Office

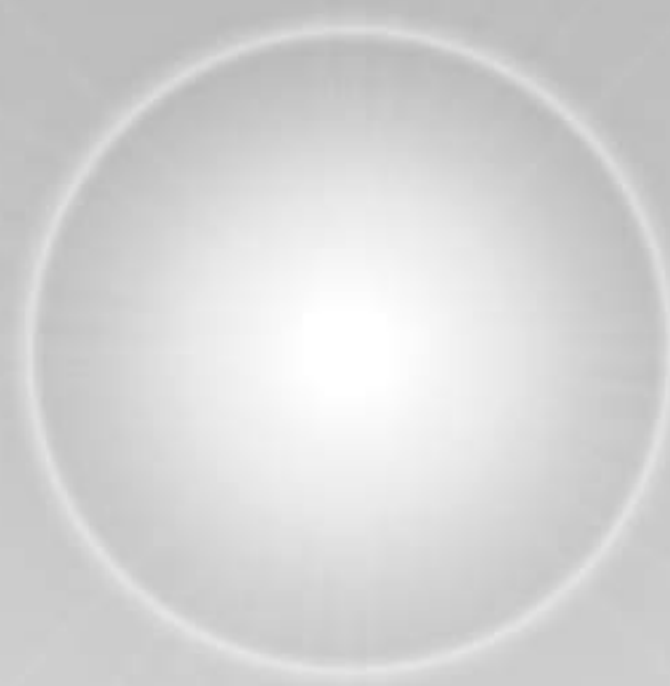
TEL +81-46-205-1555



Kagoshima Factory

Main Products

- For Injection Moulding
 - 4Axes gate cut robot (HM-9000)
 - 5Axes casing robot (HM-2000)
 - Traverse robot
 - Inserting robot for horizontal & vertical injection-moulding machine (HM-1000)
 - Plastic lens pick-up, degating, casing & stacking-robot
 - Mobile phone camera assembling robot (HM-2800B)
 - Medical parts assembler etc.
- For Injection Blow Moulding
 - PET bottle pick-up robot
 - PET bottle Leak tester
 - Handle setter for PET bottle
- For Pouch making
 - Spout Inserter (HM-300AH)
 - Pouch stacker for 3 sides sealed pouch & standing pouch (HM-300PS2~4)
 - Thompson press
- For Agriculture
 - Liquid spray robot for the green house
 - Flower classifying & Binding machine
- For Electronics
 - IC chip washing machine
 - Automatic image processing unit
- Robot & Automated machine made to order
 - Glass bottle un-caser, Automatic slitting width adjuster for green ceramic sheet, etc.



HAMA

<http://www.hama.co.jp/>

Head Office

4-4-19 Shimomaruko, Ohta-ku,
Tokyo, 146-0092 Japan

TEL +81-3-3759-8378/FAX +81-3-3756-7080

Kagoshima Factory

8303 Tomari, Bohnotsu-Cho, Minami-Satsuma-Shi,
Kagoshima-ken, 898-0102 Japan

TEL +81-993-67-0144/FAX +81-993-67-0151

