



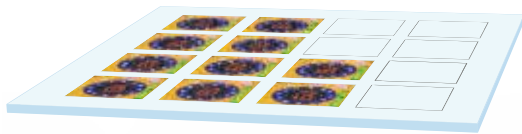
LIDOGRAM



## MECHANICAL RECOMBINER

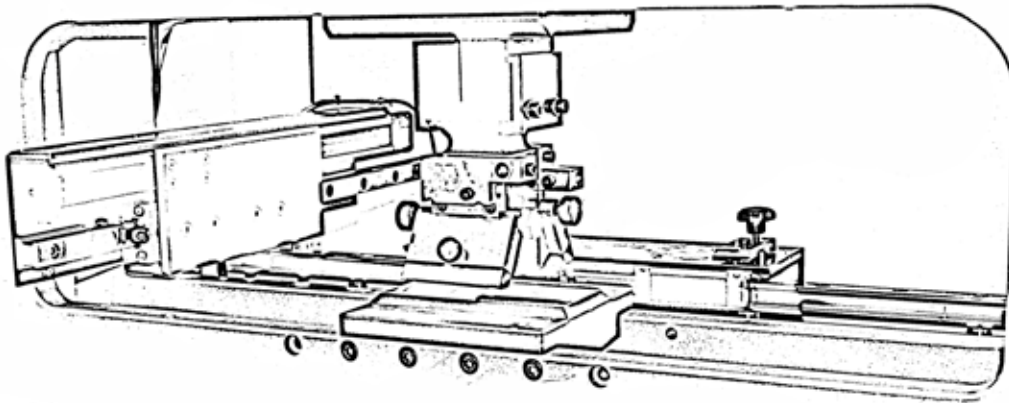
# MECHANICAL RECOMBINER

The recombining machine is designed for multiply single holographic image to produce master embossing shim. A thin nickel shim is pressed into a thermoplastic material and heated electrically. X-Y step and repeat system allows the machine to operate automatically.



## Systems:

- Automatic controlled X-Y table;
- Automatic hydraulic pressure station;
- Power generator with precision pulse shape control;
- Automatic N2 cleaning system;
- PC Windows control.



## Parameters:

|                          |              |
|--------------------------|--------------|
| Maximum recombining area | 300 x 300 mm |
| Recombining Precision    | 0.05 mm      |
| Heating Head Diameter    | 35 x 35 mm   |

|                         |                |
|-------------------------|----------------|
| Electrical supply       | 380V/50HZ/4kW  |
| Air supply              | 6 MPa          |
| Weight                  | 600 kg         |
| Dimensions              | 120/120/100 cm |
| Power Supply Dimensions | 90/90/75 cm    |

Holo East Ltd., Sofia, Bulgaria  
Phone: +359 2 9307641  
Fax: +359 2 9307643  
[www.holoeast.com](http://www.holoeast.com)  
[office@holoeast.com](mailto:office@holoeast.com)