



The unique technology allows to make products in small runs with reduced fixed costs, and accurate print and form matching of ready 3D products.

We control the whole process of vacuum forming technology:

- machinery production,
- 3D modeling and mould preparation
- ready 3D product obtaining.

UZLEX Vacuum Forming Machinery is 100% fully developed and produced in Latvia, Riga.

VACUUM FORMING MACHINES



UZLEX VFX-5035 - half-automated forming machine, A3/A4 format

UZLEX VFX-1014 - manual forming machine, A0/A1 format

UZLEX CX-420 - creasing machine for precise cutting of formed sheets

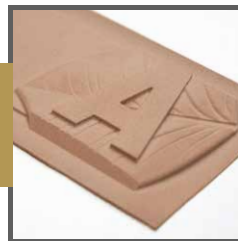
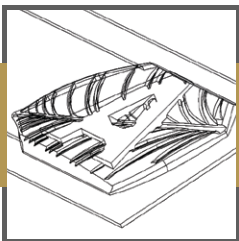
Main advantages:

- **automated process:** the operator only puts a sheet of plastic, presses button «start» and takes a ready-product away;
- **high efficiency;**
- **high precision** of matching the print with the relief;
- **low power consumption;**
- possibility of **changing the modes** on various materials;



If you are interested, feel free to contact us: info@uzlex.eu

3D MODELING & MOULD SERVICE



3D MODELING SERVICES

We are offering 3D model creating services from customer's 2D image or drawing.

We make 3D models from:

- technical drawings;
- artworks;
- 2-dimensional vectors.

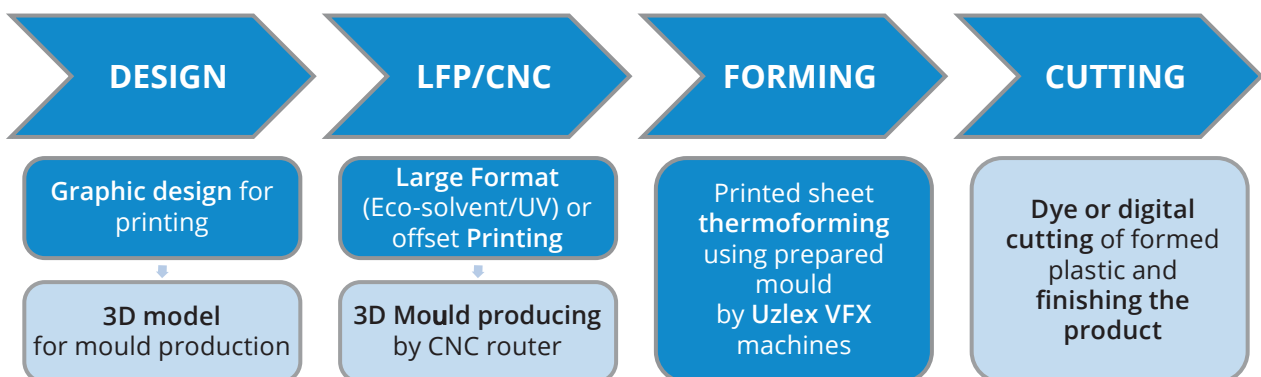
MOULD PRODUCTION SERVICES

We produce the moulds of all difficulty levels for the vacuum forming processes using CNC technology from:

- modeling plastic;
- aluminium.

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VACUUM FORMING PROCESS

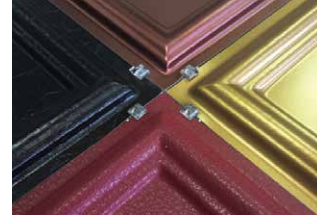


3D FORMING PRODUCTION

WE OFFER TWO DIRECTIONS OF 3D FORMED PRODUCTION:

INDUSTRIAL FORMING:

- enclosures for devices and equipment
- blister & correx packaging, etc.



PRINTED PLASTIC FORMING:

- 3D P.O.S. products: voblers, posters, logos, sales tools, etc.
- 3 Artworks: interior decorations, exclusive photo art, etc.
- 3D Educational materials: tutorials, illustrations, maps, etc.

3D PACKAGING: printed blisters, boxes, etc.



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3D MAPS



We have 3D Map manufacturing department - "3D Map Publisher".

Our department produces raised relief maps with a high precision of matching the mould with the printed map image using own or customer's maps. As far as we are technology developers, we are flexible in production of all types of 3D maps:

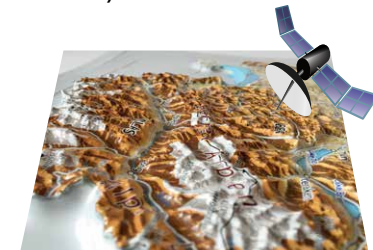
- Standard regional maps;
- Elevation data raised relief maps;
- Thematic maps;
- Personalized maps with your logo / house location / greetings / etc.;
- Tourist maps;
- Souvenir maps, etc.

Our standard range includes 4 different sizes:

- 94 x 62mm (magnet size)
- 170 x 120mm (postcard size)
- 297 x 210mm (A4 format)
- 420 x 297mm (A3 format)



Vector Layered Reised Relief



Elevation Data Raised Relief

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