

SERIES FP

Thermoforming Machines
for hard film foils

- Advanced vacuum technology
- Automated forming cycle
- Custom tools and forms



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FP series thermoforming machinery is dependable, economical to run, easy to use and ensure identically formed and trimmed parts. The process combines the best aspects of both pressure forming and vacuum forming technologies: precision and speed at the same time. By utilizing these technologies, FP Thermoforming machinery produces uniform, high quality plastic packages in a variety of roll-fed thermoplastic materials, including OPS, PVC, HIPS, PET, PP and other thermoformable grade materials.

Depending on the type of the mould machines are adapted to positive or negative forming. It is possible to install a punch with a stroke of 380 mm for pre-stretching of the material in the forming process. MITSUBISHI controller operates the machine which allows choosing the positive or negative forming option depending on the type of the mould placed in the vacuum former. The installed capacity depends on the formed material thickness.

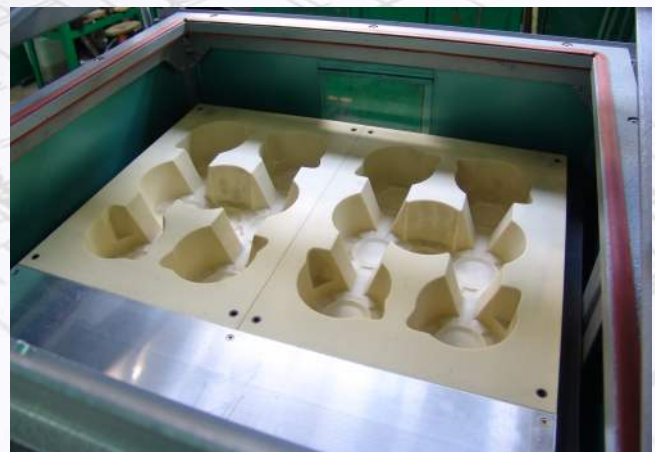
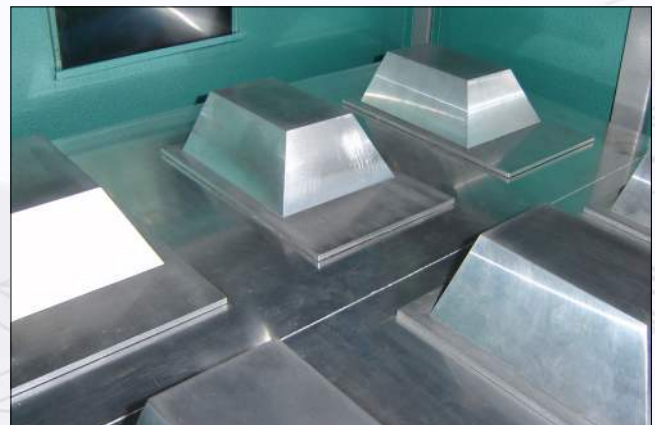
FP Thermoformers are used in various industrial applications:

- cosmetics and accessories
- packaging (toys and electronics)
- medical and healthcare equipment
- automotive interiors and parts

Our advanced thermoforming machinery design combines the two critical steps of forming and cutting into one operation, resulting in excellent clarity, detail and sparkle of the finished products. Accurate film registration and trimming on all FP machines make them ideal for pre-printed materials. The result is ease of operation, environment friendly manufacturing process and high conversion rates with minimal waste.

Machine main features:

- compact
- special design combines the best of pressure forming and vacuum forming machines
- high output thermoforming machines
- easy to use
- minimal operator training is required



Type	FP3	FP3ST	FP8
Port dimensions [mm]	670 x 610	670 x 670	950 x 1200
Table stroke [mm]	140	380	180
Installed power [kW]	7.5	7.5	13
Air usage per cycle [l]	40	50	90
Supply [V]	3 x 400	3 x 400	3 x 400
Working pressure [MPa]	0.5 - 0.8	0.5 - 0.8	0.5 - 0.8
Used foil thickness [mm]	0.1 - 6	0.1 - 6	0.1 - 6
Dimensions l. x w. x h. [mm]	900 x 1900 x 1500	1200 x 2100 x 1800	1600 x 2900 x 1800
Weight [kg]	230	280	450

