



TK 1000
TK 1500
TK 2000
TK 2015
TK 3020

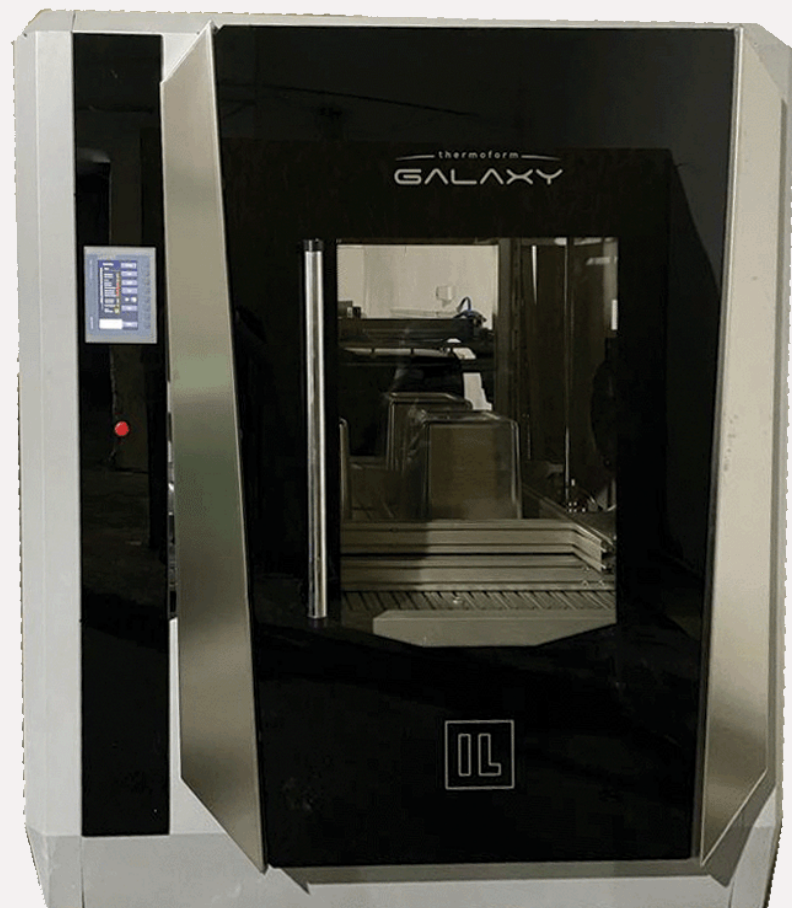
Termoform Galaxy TK Series



Termoform Galaxy

Thermoforming equipment with vacuum installation offers a new perspective companies in the plastics processing industry. Fully automated, Galaxy thermoforming equipment offers an easy solution for to turn flat creations into exceptional 3D objects.

Thermoform Galaxy offers precision for every deformation, numerical controls state-of-the-art computer, a user-friendly application accessible on the touch-screen and a fully automated thermoforming system (material heating with a control active temperature resistors, vacuuming and loosening material on the mold)



Highlights

Versatile materials from plastic without touch

Precision, stability and repeatability parts

High efficient power consuming 12KW/m²

Vacuum System

All machine produced by Intelligent Labs are equipped by Vacuum pump Leybold SOGEVAC.

The flow of vacuum depends of the dimension of the machine.

We install a vacuum of 100 m³/h for a surface of 1m² with of maximum drop pressure to 1 mbar ABS.

Vacuum is delivered by electro valve and is connected to the flow process.

We provide the best system on the market with a wide variety of

materials and thickness up to 6mm.

Effective investment

Maintenance free, up to 3 years in clean applications

Your Expectations:

Industrial rough vacuum generator

Favourable price-to-performance ratio

Low noise and clean operation



TK Series

Order List

Model range

TK 1000

Table Dimension	1000 mm x 1000 mm
Working area	900 mm x 900 mm

TK 1500

Table Dimension	1500 mm x 1000 mm
Working area	1400 mm x 900 mm

TK 2010

Table Dimension	2000 mm x 1000 mm
Working area	1900 mm x 900 mm

TK 2015

Table Dimension	2000 mm x 1500 mm
Working area	1900 mm x 1400 mm

TK 3020

Table Dimension	3000 mm x 2000 mm
Working area	2900 mm x 1900 mm



Pneumatic fixing material

Force of closing up to 1200 Kg/1m²

Used for full automatic mode

Used for 0.1mm-5 mm
thickness material

Control by PLC



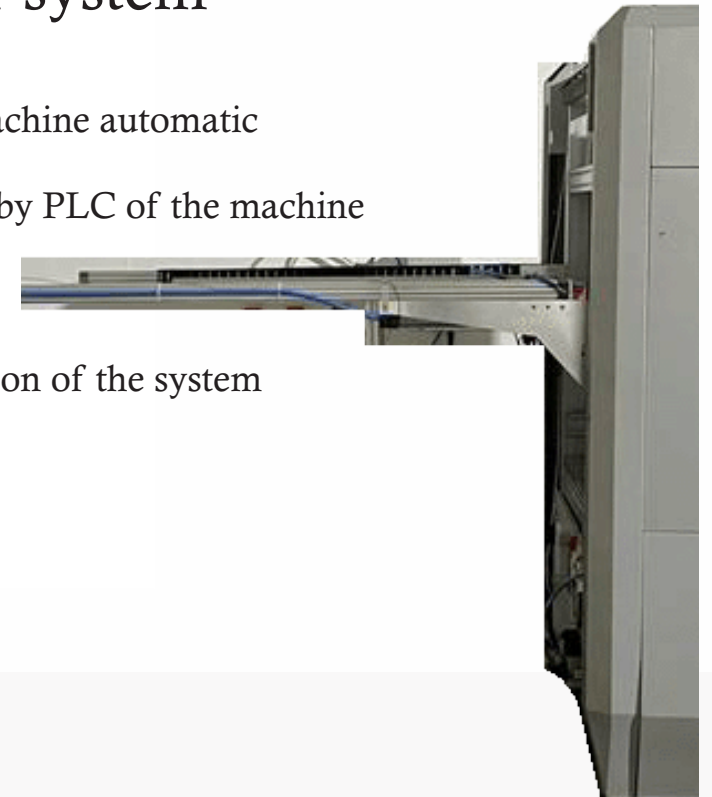
Automatic loader system

Design for inserting foil in machine automatic

Drive pneumatic and control by PLC of the machine

Load/unload foil by vacuum

Senzors for prezet and position of the system



Roller delivery system

Up to diameter of 1000mm

Drive by servomotor with precision high
torque reducer

3 Role with pretension and measurement
system

PLC design for command roller

Length of 1000mm and 1500mm

Quality

made by Intelligent Labs

RK Series

Sample Applications

Notes



3mm PVC with Oracal 951 print



4mm Polycarbonate 185 Grade

