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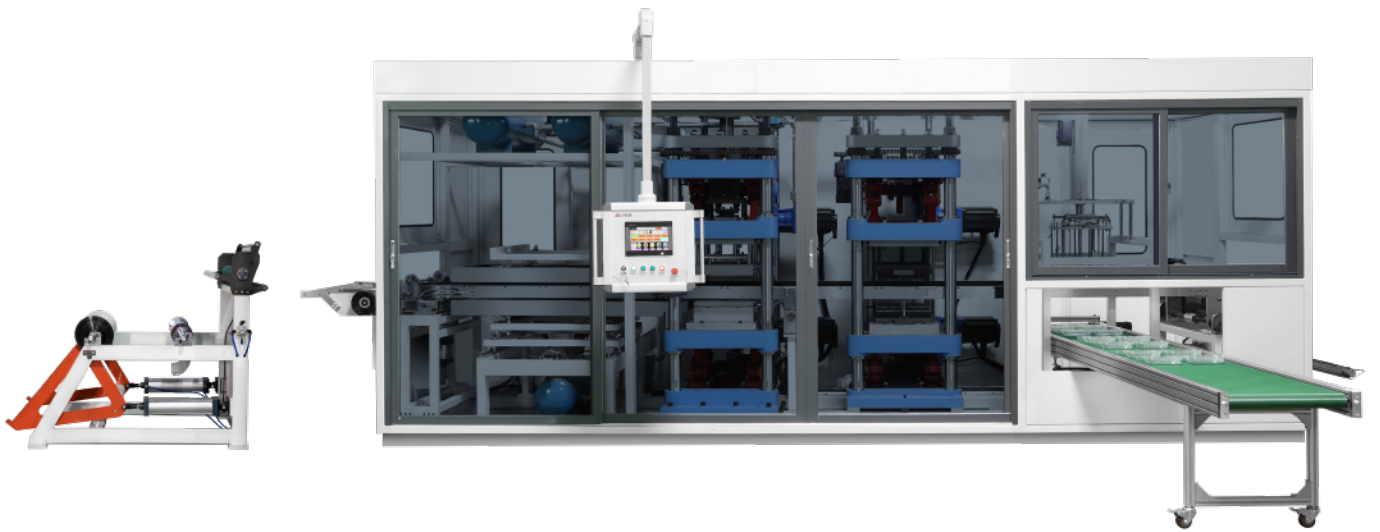
Xinxing Industrial Park, Pingyang County,
Wenzhou City, Zhejiang Province, China



◀ PRODUCT INTRODUCTION ▶

TTF-700A

FULL-AUTOMATIC THREE-STATION
PLASTIC THERMOFORMING MACHINE



1、APPLICATIONS

TTF series full-automatic thermoforming machine is our latest developed core product. The machine combines forming, cutting, and stacking into process. widely used and suitable for most of the customer requested, it can produce plastic trays, containers, boxes, lids, etc. The machine is completely driven by servo motor. stable operation, low noise, high efficiency, high quality.

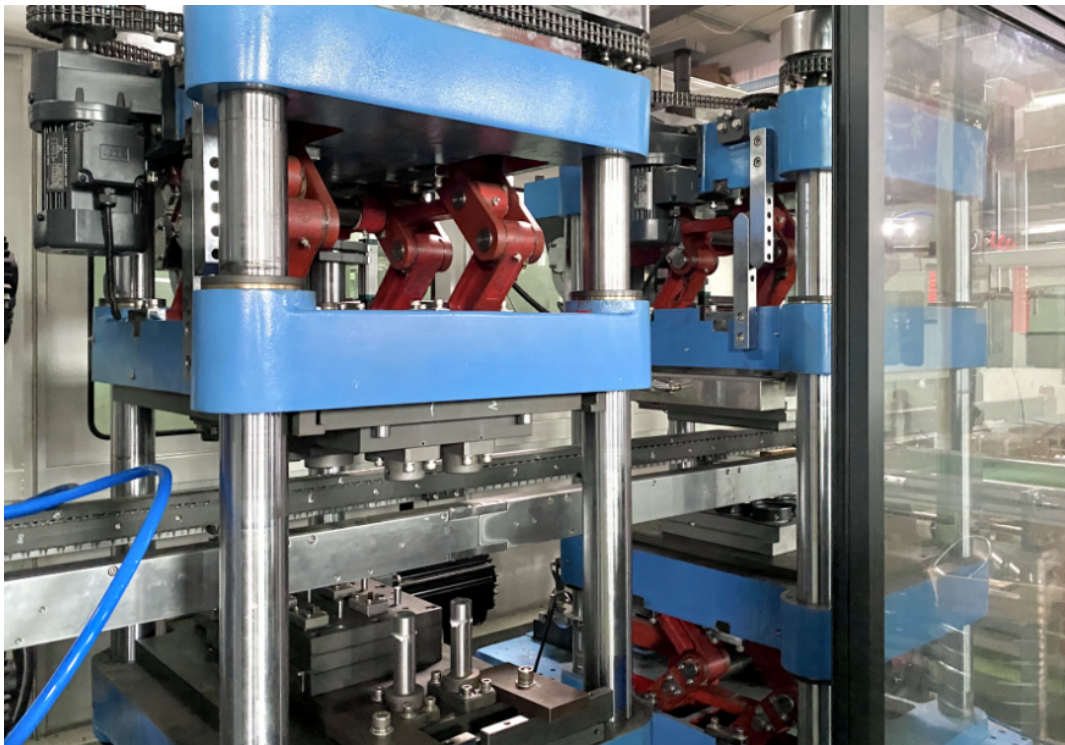
2、PRODUCT PARAMETER

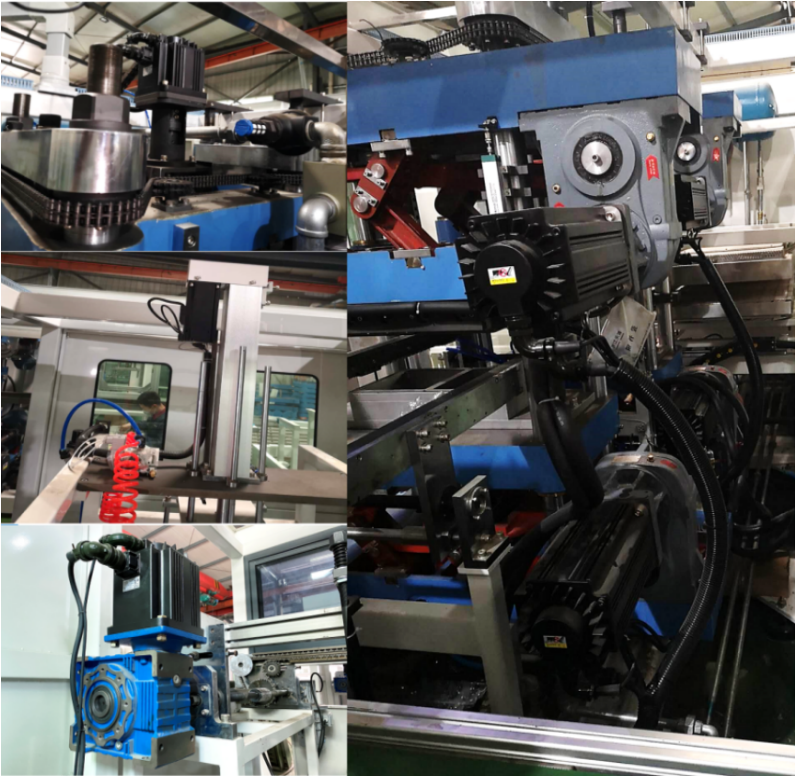
Model	TTF-700A
Forming Area	700mm x 550 mm
Forming Depth (Max.)	120mm
Sheet thickness	0.2-2.0mm
Forming Speed (Max.)	30times/min
Air pressure	0.6-0.8mpa
Air consumption	3.6 m ³ /min
Water consumption	0.7 m ³ /h
Sheet width (Max.)	730mm
Suitable Sheet	PP, PS, HIPS, PET, PVC, PLA etc.
Power supply	AC 380V, 50Hz, Three-phase, Four-wire
Used power	95Kw
Rated power	190kw
Heating power	118Kw
Procedure	Forming-cutting-stacking
Dimension	L13000*W4700*H2750mm
Weight	About 19.0T

MAIN PARTS	
Filter	CKD (Japan)
Forming valve	MAC (USA)
Temperature control module	WEST (UK)
Proximity switch	ROCKWELL (USA)
AC contactor\Circuit breaker\Button	SCHNEIDER (France)
Intermediate relay	IDEC (Japan)
Intermediate Relay Base	OMRON (Japan)
Vacuum Pump	ELMO RIDTSCHLE (Germany)

3、SHOW DETAILS

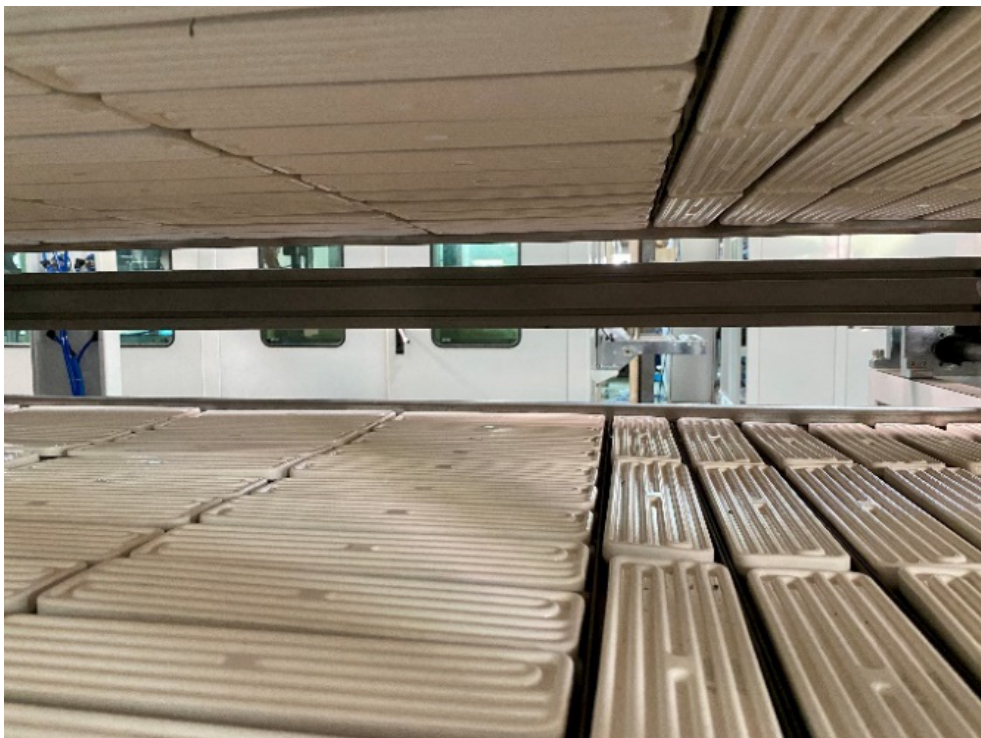
Working stations is driven by stable four guiding-pillars (GCr15 steel, outside is hard chrome plated) structure. Wear resistant, and extend equipment life.





Working station, sheet feeding and rolling part all completely driven by servo motor system, more accurate and efficient.

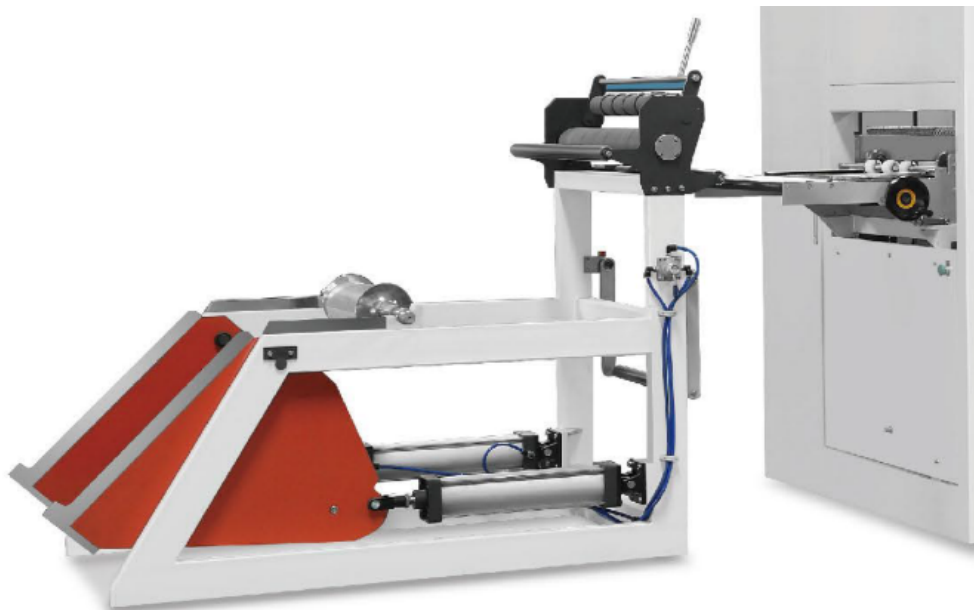
The ceramic heater (Germany·ELSTEIN) added vacuum insulation cotton, it shows quick response rate, short processing time, and save energy.



Industrial manual interface (Delta) has storage function. All parameters can be stored in recipes, it is convenient for the next-time operation.

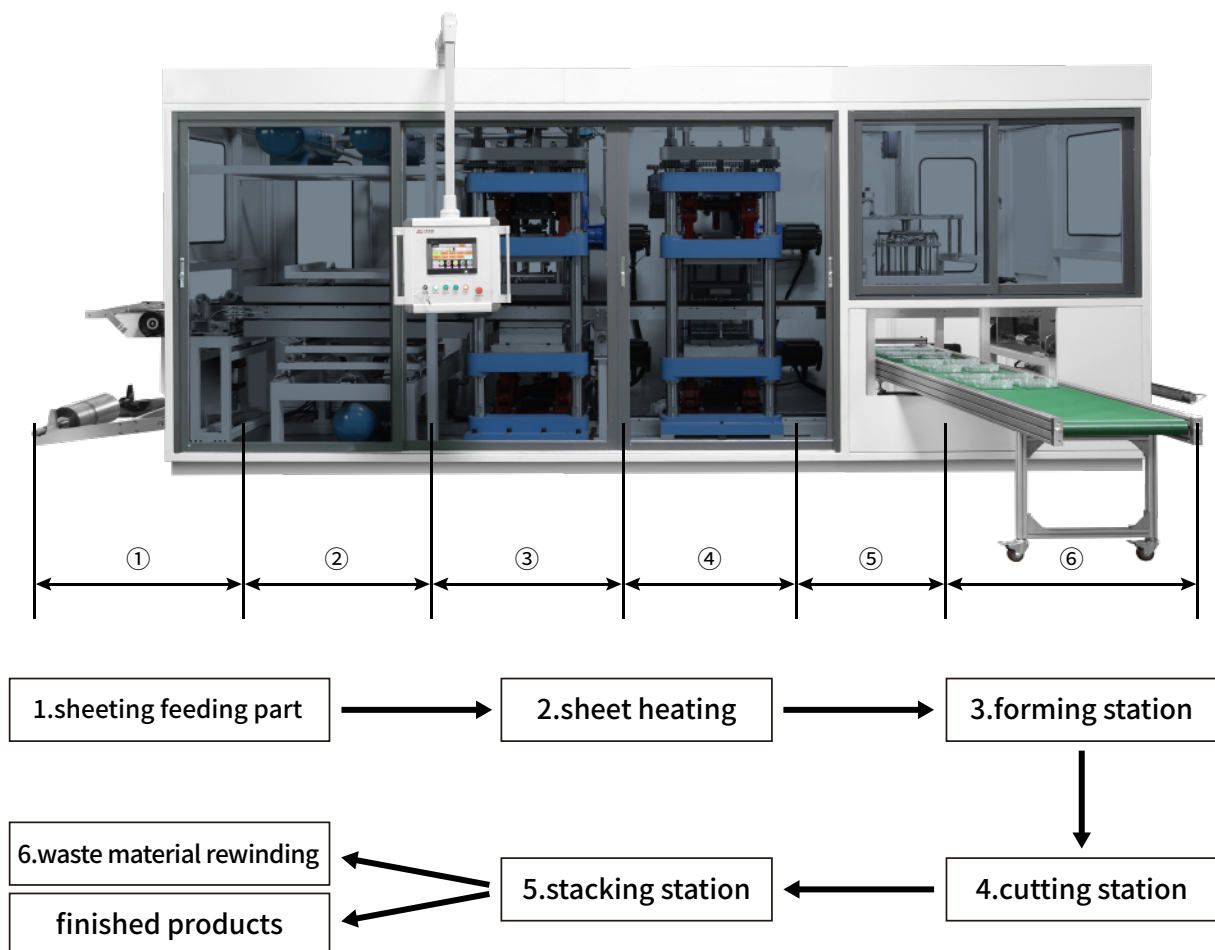


Material holder combines with the machine for saving workshop space, and it is easy to control.

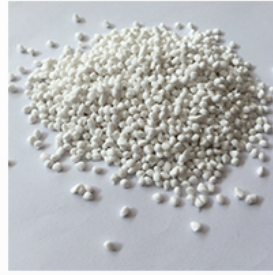


4、 PRODUCT DESCRIPTION

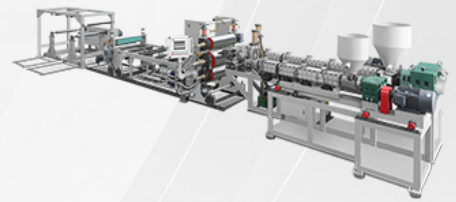
1. Every station is driven by the eccentric crank linkage structure.
2. Feeding and heating part have optoelectronic switch in order to prevent error operating from production process.
3. The toothed chain made of 65#Mn, helping convey sheet. Aluminum rails with water cooling, save water.
4. The machine adopts PID temperature system, it shows high precision, and temperature control tolerance $< 1^{\circ}\text{C}$.
5. Each servo motor has overload protection for machine's overworking.
6. Low barycenter and height of finished products as well as steady running ensures easy operation and friendly viewing.
7. There is an alarm function of the sliding doors.



RECYCLE AND
RE-USE



RAW MATERIAL



TJS-750C
DOUBLE LAYER PP PS
SHEET EXTRUDER



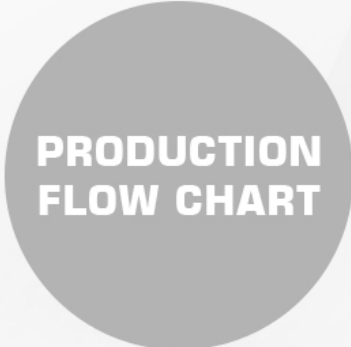
SHEET



TTF-700A
THERMOFORMING MACHINE



FINISHED PRODUCT



5、AUXILIARY EQUIPMENT



Chiller

Cool down molds, rails and hydraulic systems while the machine is running.

Model	15F	Motor Power	13.6kw
Refrigerant	R22	Power supply	AC 380V, 50Hz, Three-phase, Four-wire
Cooling fan	0.55kw x 2		
Volume of water tank	150L	Dimension	L1500 x W850 x H1450mm
		Weight	about 750kg



Air Compressor

Get enough air during molding.

Model	TK-3.6	Dimension	L1150 x W900 x H1350mm
Air displacement	3.6m ³ /分	Power supply	AC 380V, 50Hz, Three-phase, Four-wire
Working pressure	0.8Mpa		
Motor power	22kw	Weight	about 580kg



Air Tank

The auxiliary part of the air compression system keeps the air pressure stable.

Volume	1.0m ³	Inner diameter	800mm
Pressure	0.8Mpa	Relief valve interface	Rp11/2
Design temperature	150°C	Drain valve interface	R1/2
Total height	2400mm		