

Shandong Kangbeite Food Packaging Machinery Co., Ltd.



Catalogue

A professional company that is committed to

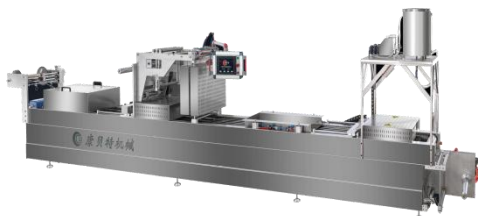
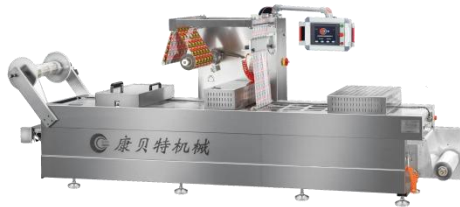
EASY, FAST, ARTISTIC, HYGIENIC

Food Packaging Solution



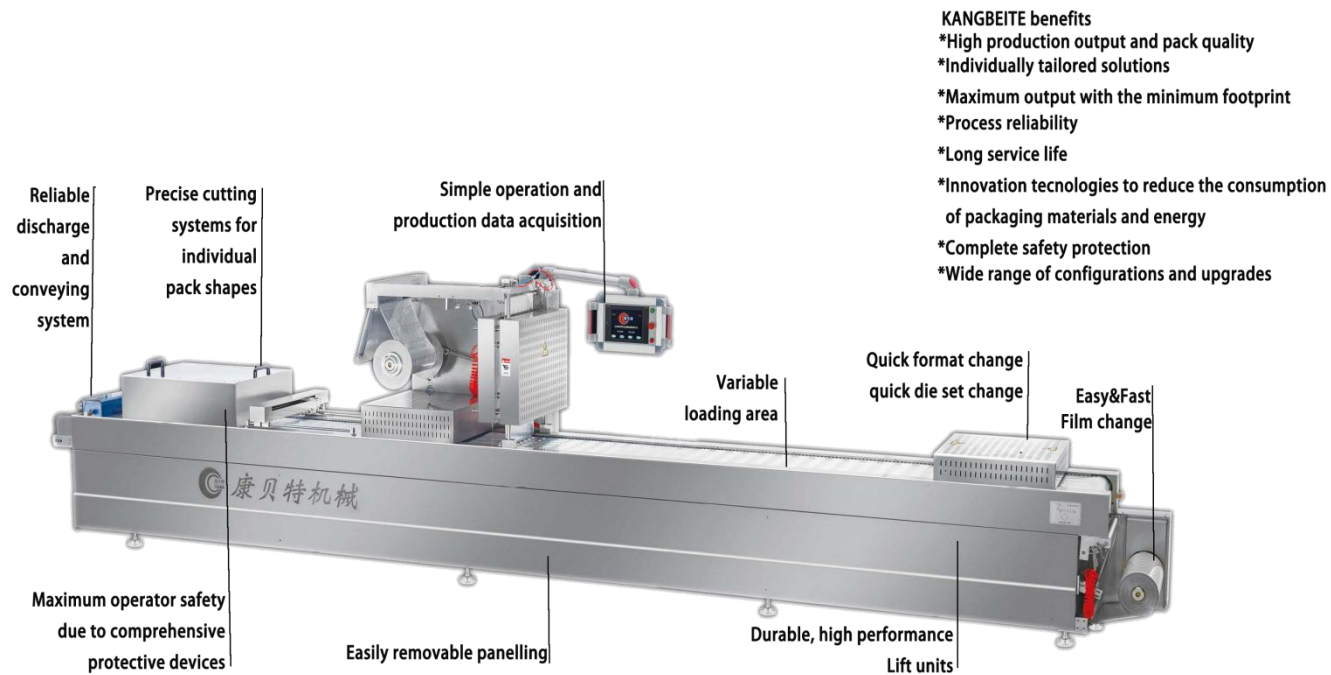
Thermoforming Packaging Machine

Introduction



Kangbeite Food Packaging Machinery Co., Ltd., is a leading manufacturer in China domestic market, of thermoforming packaging machines for food. We deliver over 200 thermoforming packaging machines every year throughout the world. Each of these machines is individually designed to the customer's requirements in terms of pack design, output and efficient use of resources. Reliability, durability, better price, and a comprehensive service make KANGBEITE a resilient link in your production chain.

Better packaging with KANGBEITE thermoforming packaging machines

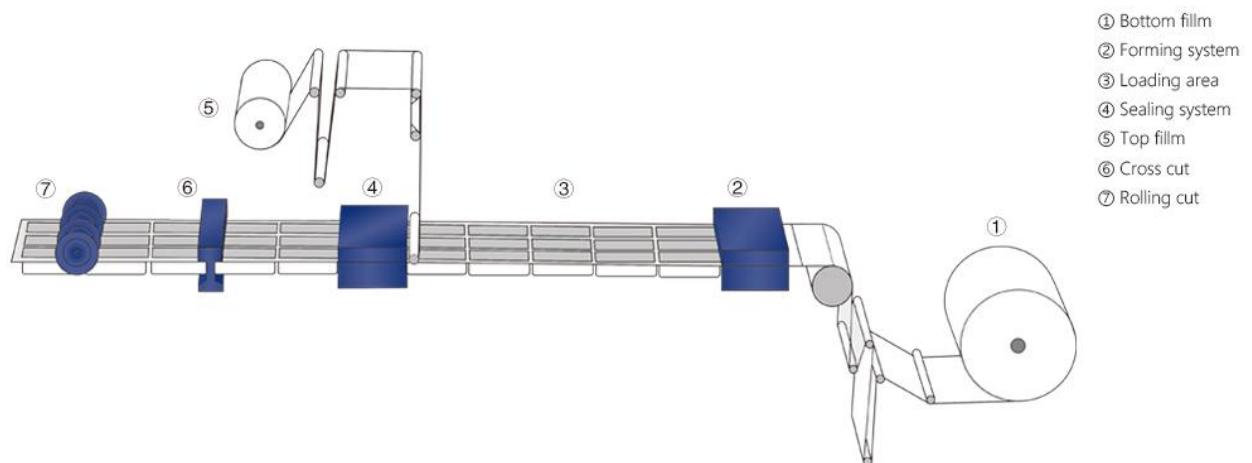


Thermoforming packaging is a recipe for success

In 2007, KANGBEITE built the first thermoforming packaging machine for our customer.

Today, machines of this type can produce multiple variations of the production output of that first machine, and are able to produce very individual pack shapes. While the basic function remains well and enhanced, more functions are developed and very well compatible with the machine:

- *Flexible film, vacuum packaging
- *Flexible film, modified atmosphere packaging (MAP)
- *Rigid film, modified atmosphere packaging
- *Skin packaging
- *Printing function
- *Auto loading function



②Forming system

The lower web is made formable in the forming system by the effect of heat, and it is then thermoformed by means of compressed air and vacuum. If required, this process can be aided by the use of forming plugs.

③Loading area

The thermoformed pack cavities can be filled manually or automatically in the loading area.

④Sealing system

The upper web is applied to the filled pack cavities in the sealing die. The upper and lower webs are sealed hermetically to each other by means of a seal seam.

⑥⑦Cross cut/ Rolling cut

The cross cutting and rolling cutting units serve the individual packs from the strip of packs in the web.

Machine classes

What are your requirements of a thermoforming packaging machine? A small compacted machine in limited spaces? Quick format change? Special pack shapes? Maximum cycle output? Highest level of efficiency?

Our machines are qualified for all these requirements, and they are waiting to be customized.

The chart below shows a basic configuration and size of the machines , **but they are always customizable in functions, sizes, pack shapes, packing efficiency, etc.**

(Datas are for reference only)

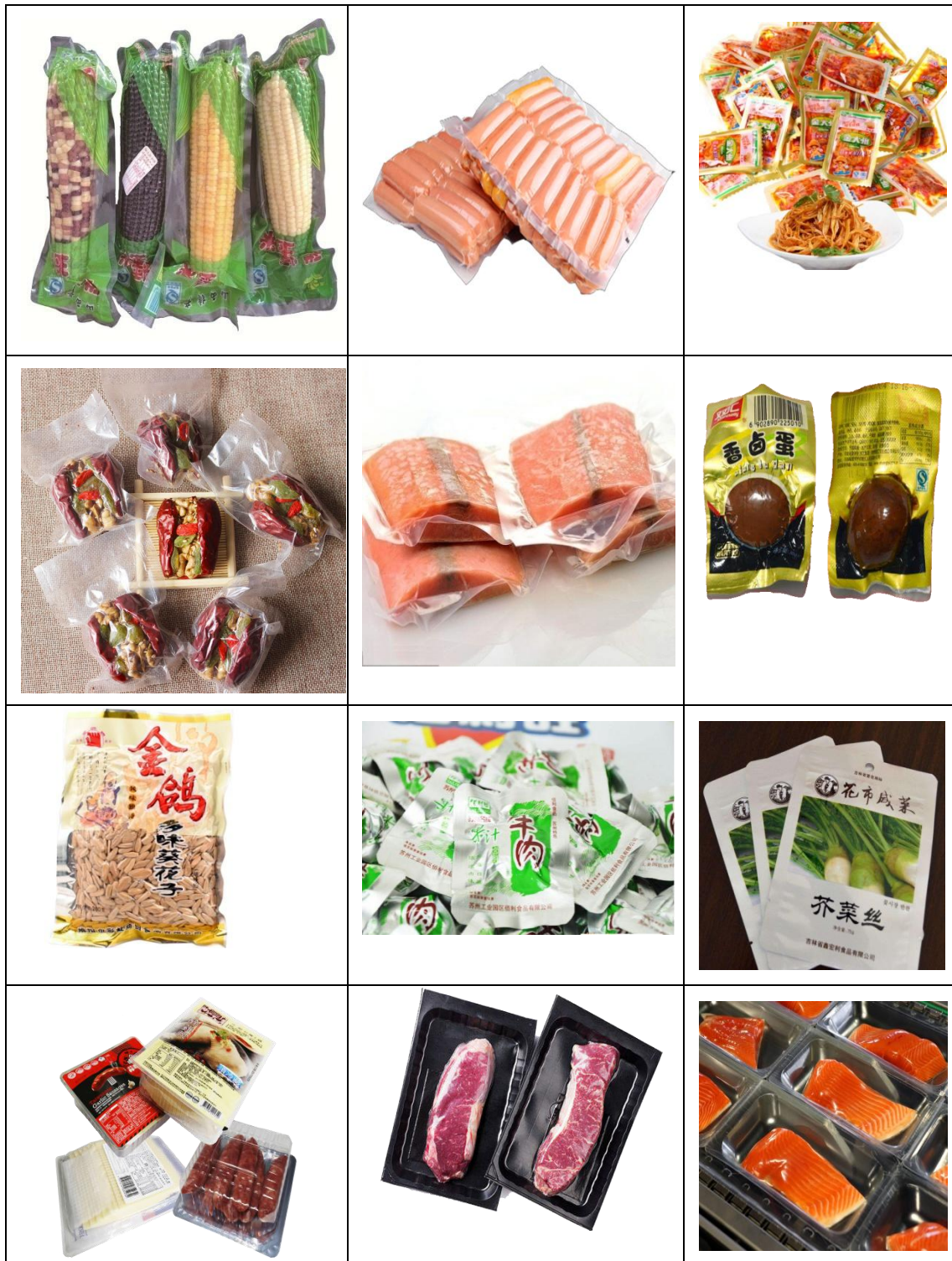
No.	Name	Unit	DRZ-320	DRZ-420	DRZ-520
1	Sealing Film width	mm	293	393	495
2	Forming Film width	mm	322	422	520
3	Vacuum degree	mBar	0.1	0.1	0.1
4	Power supply	V, Hz	380v/50hz,3phase	380v/50hz,3phase	380v/50hz,3phase
5	Vacuum capacity	m3/h	100-300	100-300	100-300
6	Power	KW	15	16	18
7	Compressed air	Mpa	≥0.6	≥0.6	≥0.6
8	Overall dimension	mm	5100*900*1800	5300*950*1860	6600*1080*1760
9	Weight	KG	1300	1800	2100

Large range of packs

The diversity of food and its forms of presentation are continually increasing on the supermarket shelves. Running parallel with this is the range of pack types and materials.

This wide range of packs can be produced reliably and efficiently on KANGBEITE thermoforming packaging machines.

We design your machine individually to your requirements.



Machine Components(For reference only)

	Name	Brand	Quantity	Made In
1	Vacuum Pump	Busch RA0101D(100m ³ /h) / RA0202D(200m ³ /h) / RA0302D(300m ³ /h)	1	Germany
2	PLC	Mitsubishi 3G60MT Memory	1	Japan
3	LCD Touch Screen	Mitsubishi GT2310-VTBA GOT2000	1	Japan
4	Module	Mitsubishi FX2N-2LC	1	Japan
5	A.C. Contactor	Siemens 3TS31.32.33	2	Germany
6	Emergency Stop	IDEK HZ323A	2	Japan
8	Color Chart Photoelectric Switch	Banner Engineering R58ECRGB1	1	U.S.A
9	Intermediate Relay	IDEK RJ25-CL	4	Japan
10	Start Button	IDEK YW-L10	1	Japan
11	Motor Protector	Schneider GZ1E21	1	France
12	Power Controller	Schneider GZ1E21	1	France
13	Circuit Breaker	Schneider EASY8C40	5	France
14	Chains	TYC 08B	2	Taiwan, China
15	Pneumatic	AirTac 4V320-10 4V210-08		Taiwan, China
16	Heating Solid State Relay	Fotek SSR-75DA	2	Taiwan, China
17	Elevator Mechanism	Automatic with self-locking	2	China
18	Die Sets	Aluminum Plate	2	China
19	Cross Cutting	Individually controlled	4	China
20	Printing Servo System	Mitsubishi HG-SN202J-S100	1	Japan
21	Phase Sequence Protection Relay	IDEK PVR-3	1	Taiwan, China
22	Alarm	Kacon HRB-PS52	2	Korea
23	Servo Amplifier	Mitsubishi MR-JE-200A	1	Japan
24	Chain Servo Motor	Mitsubishi HG-SN202J-S100	1	Japan
25	Start/Stop Button	IDEK YW-L10	1	Japan
27	Heating and Sealing Cylinder	AirTac SDA100X20	6	Taiwan, China
28	Forming Sealing Chamber Elevating Cylinder	AirTac 125*115	2	Taiwan, China

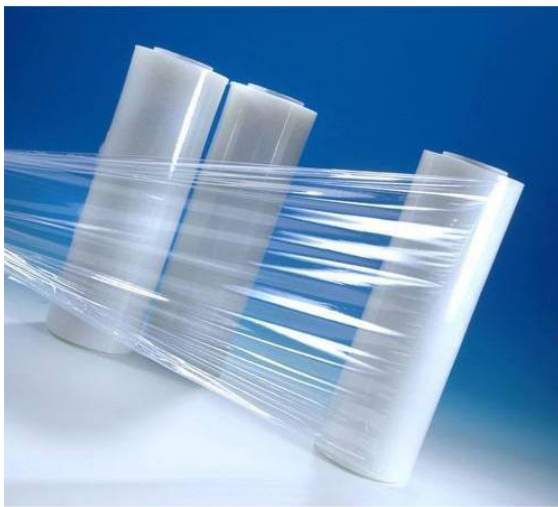
***Please be noted:** Thermoforming vacuum packaging machine is highly customizable machine sets, the above data's only for reference. Detailed components and machine status will be determined as per customer's request.

Packaging materials

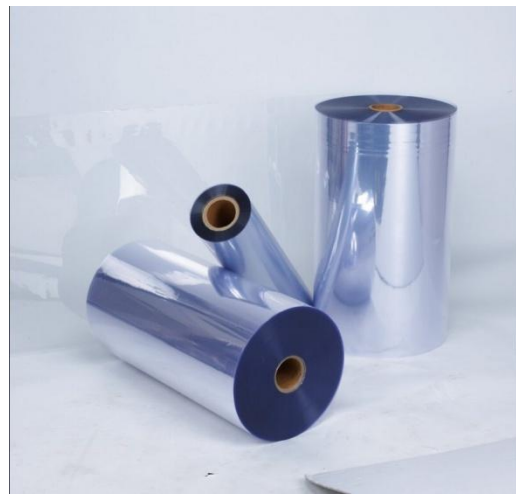
All conventional films made of plastic or other materials can be run on KANGBEITE thermoforming packaging machines. Details are as below:

- *Flexible films
- *Rigid films
- *Unprinted films
- *Printed films
- *Skin films
- *Aluminum composite films
- *Temperature-resistant films

Flexible film/Skin film



Rigid film



Printed film

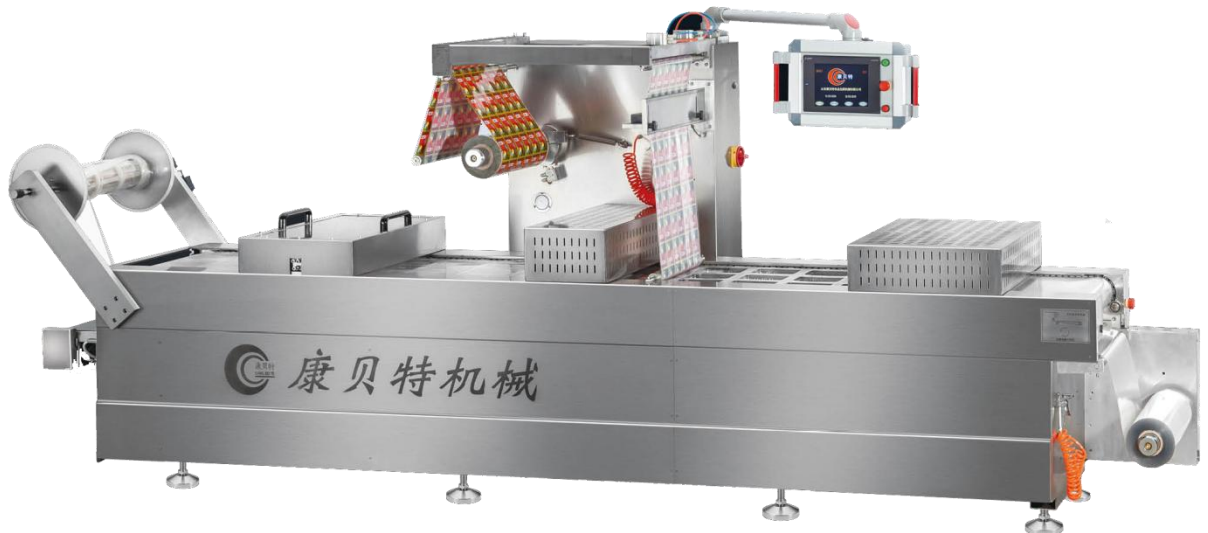


Aluminum composite film



Modified Atmosphere Packaging (MAP) Machine

②Fully automatic MAP machine KBT-MAP01



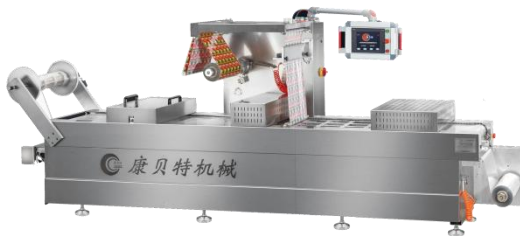
Fully automatic gas flushing machine, is a variety of Thermoforming packaging machine, except the forming film is **RIGID film**. So it shares similar features and components as the thermoforming machine, [click to check details](#).

The advantages compared to semi-auto MAP machine are:

1. No need to purchase pre-made trays
2. Much better packing efficiency, more than 10000 packs/8hrs
3. Save labor cost: You only need 1 staff to do product feeding

Vacuum Skin Packaging (VSP) Machine

② Fully Automatic VSP machine KBT-SPX



Affordable automatic skin packaging solution for industrial scale massive skin packaging requirements

Skin packaging technology is a new developed packaging method for fresh food like meat, fish, sausage, etc. With this packing method, the sealing film is closely stuck to the product and almost invisible, which gives very incredible appearance in showcases in retailing.

Though skin packaging machines are very much needed by food companies, many companies would still hesitate in purchasing such a machine. At current machine market, most of the skin packaging machines- no matter they are manual machines or automatic machines- are working at such process:

1. Place pre-made containers in the working place of the machine;
2. Vacuum and skin packing.

That means:

1. The customers have to purchase pre-made plastic containers from such package suppliers at higher price;
2. The customers have to assign certain staff to do the job of placing the containers in the working area.
3. So the customers have to pay more for material and labor cost, which is not cost-effective in the long run.

Here comes the question: Why do you need our automatic skin packaging machine?

1. Needless to say, the machine itself is affordable while the quality is excellent.
2. The food containers are formed automatically, so you don't need extra staff to place the containers in places.
3. The food containers are formed from a roll of plastic films, the price is relatively lower than pre-made containers you purchase elsewhere.
4. As of point 2, the packing speed is thus speedy, much more efficiently than traditional semi-auto vacuum packaging machines..

All in all, with our affordable skin packaging machine, you can do industrial scale massive skin packaging with affordable price and fast speed.

Features:

1. BUSCH vacuum pump, 100-200
2. 304 food grade Stainless steel material
3. Top brand components, [click to check details](#)
4. High efficiency: 2-3 cycles/minute, packing speed depends on your pack size
5. Power supply: As per customer's request, (3 phase, 50/60Hz)

Our Services

1. Whole machine has one year warranty exclude wearable parts such as silicone plate, film, and so on.
2. For thermoforming vacuum packaging machines, overseas installing service available.
3. We have multiple after-sale service including online guiding, engineering, service install and tuning service and so on.
4. Special overseas engineering service is available, but not included in the warranty.
5. Other items or services requirements can be negotiated

Contact Information

Contact person: Kevin (Sales Manager)

Website: www.kbtfoodpack.com

Email: admin@kbtfoodpack.com

Mobile: 0086-15006621108

Whatsapp / Wechat: 008615006621108

Youtube: [Channel Link](#)