

ÖZÇAĞDAŞ MAKİNA

Professional Manufacturer of Shrink Wrapping Machines



K2PE-SG SERIES

**SIDE GROUPING AUTOMATIC SHRINK
WRAPPING MACHINE**

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Description

K2PE-SG Series is consists of two separate units, " Automatic side grouping unit" and "Shrink Tunnel". It is designed for packaging the products made from various materials, such as plastic, glass, metal, wooden and cardboard. A various products can be packed in this machine especially; waters, juices, canned, medical, chemical, cosmetic products etc. It has an automatic controlled feeding system and easily integrate into production lines for fully automatic packaging operations.

Application

After completion of filling, capping and labeling, products are being fed automatically to multi channels and grouping in a sealing area. Sealing bar cuts and seals the film. Then through discharge conveyor the products are transferred into the shrink tunnel. The polyethylene film tightly wraps product with temperature inside the tunnel and the film is cooled by the fan at the exit of the tunnel to take the form of the product. Besides provides a good image to the product, protects the products from abrasion, friction, scratch and dust during storage and transportation.

Features

- ✓ Machine has an automatic controlled feeding system and easily integrate into production lines
- ✓ The settings are made easily from the 7" LCD color touch screen
- ✓ Ability to read instant realized capacity from operator panel
- ✓ Top and bottom motorized film drive mechanism
- ✓ Protection sensor against package entrapment
- ✓ Ceramic coated sealing bar
- ✓ Holder to keep the package steady during sealing by soft vertical piston
- ✓ The sealings are provided by P.I.D heat control system
- ✓ Easy changeable stainless bar resistance system
- ✓ Silicone curtains at tunnel entrances and exits
- ✓ Minimal heat loss with excellent thermal insulation
- ✓ Cooling fan at the tunnel exit
- ✓ Adjustable tunnel conveyor speed

- ✓ Adjustable tunnel temperature
- ✓ Easy and fast film exchange
- ✓ Wheels with brakes for easy transport
- ✓ Easy installation and simple operation
- ✓ Emergency button
- ✓ High shrinking speed
- ✓ Production efficiency and package quality
- ✓ Longevity
- ✓ CE certified
- ✓ 2 years warranty except wearable parts
- ✓ 5 Years spare parts supplier

Optional

- ✓ Inside tunnel transport system (silicon coated shafts or teflon mesh belts)
- ✓ Ironing side-rollers at the exit of heat tunnel

Technical Features

Model	K2PE-SG 70/50	K2PE-SG 90/50
Max product dimensions (LxWxH)	450x400x350 mm	550x600x350 mm
Tunnel dimensions (LxWxH)	1500x700x500 mm	1500x900x500 mm
Sealing bar lenght	700 mm	900 mm
Power supply	380v-3faz 50-60hz	380v-3faz 50-60hz
Installed power (including tunnel)	20 Kw	20 Kw
Operating pressure	6-8 bar	6-8 bar
Air consumption amount	230 nl/min	230 nl/min
Production capacity (pack/h)	480-720	480-720
Film type	PE	PE
Film thickness	20-100 micron	20-100 micron
Reel width	700 mm	900 mm
Reel diameter	300 Ø	300 Ø
Machines dimensions (including tunnel) (LxWxH)	5500x2100x2100mm	5800x2100x2100mm
Weight	800 kg	950 kg