



Sugar Packing Machine DXDO-K500E



Characteristics:

1. The sugar packing machine features advanced performance, high power, low noise, compact structure, steady operation, easy maintenance, and has a long life span. The film sending mechanism can rotate 90 ° which, together with film contacting mechanism, makes film changing and maintenance easier.
2. The packing machine uses a five shaft servo motor in step driver and man-machine interface touch adjustment. Controlled by PLC, it is precise in automatic step positioning.
3. With a high degree of automation, the sugar packing machine can finish packing at one time from longitudinal sealing, longitudinal cutting, transverse sealing, filling, embossing, notch cutting, dotted line cutting, transverse cutting to outputting finished sachets.
4. The packaging equipment uses high precision whole rolling type heat sealing rollers for sealing mold, with four-side sealing and multi-line sachet form. This machine provides high packing speed, neatly shaped, delicate and beautiful bags, and high packaging efficiency.
5. Easy and fast to adjust, the sugar packing machine can steplessly adjust pouch length without changing the mold. Such functions as longitudinal sealing, transverse sealing, filling, embossing, dotted line cutting, and transverse cutting can be adjusted through man-machine interface.
6. The packing machine is accurate in measurement. Regarding different granule materials, it is specially designed with cylinder pushing vibrating type or flat shape push-pull type adjustable measuring mechanism. The vibrating type matches with the triangle adjustable measuring cup feeding mechanism, and the push-pull type is designed with plate inside measuring cups. Both feeding systems can be adjusted independently and accurately, so each line will be adjusted easily and correctly.
7. The sugar packing machine uses a photoelectric tracking system to ensure correct printing and has an automatic counting function.
8. The machine comes with a film automatic correction and damping mechanism, ensuring the straightness and tension stability of film and making the pouch more smooth and beautiful.
9. It has a wide range of adaptability in terms of the packaging film. The sugar packing machine provides automatic control of the sealing temperature, and has high control accuracy ($\pm 1\text{C}^\circ$). It is

suitable for the most complex packing film at home and abroad, such as PET/AL/PE, PET/PE, NY/AL/PE, NY/PE and so on.

10. Extra functions can be set up. For example, dotted line knife, flat cutting knife, or abnormal shape knife etc. are optional for sachet cutting. Users can choose different kinds of alarm requirements.

Usage:

The packing machine is used for packing loose, non sticky granule materials in the medicine, food, daily chemical and other industries, providing measuring and automatic packing into sachets materials such as Chinese medicine infusion, oatmeal, coffee etc., crystalline materials like monosodium glutamate, white sugar, salt etc. and small shot materials like Chinese patent drugs, dryers and so on.

Main Technological Parameters:

Items / Model	DXDO-K500E
Pouch length	50~160mm (adjustable)
Pouch width	50~105mm (if you change width, please change bag mold)
Packing speed	20~40 times/min (depending on pouch size and material)
Filling capacity	5~100ml
Applicable film	PET/AL/PE, PET/PE, NY/AL/PE, NY/PE
Max. film width	500mm
Max. film diameter	Φ420mm (as per customer's request)
Film core diameter	Φ75mm (as per customer's request)
Electric source	380V 50Hz (as per customer's request)
Total power	12 kw
G.W.	1,500kg
Package size	1680x1280x2050mm (L×W×H)