

ZDB-900-Q35 Fully-auto Packing Machine

● The full set includes

Description of each mechanism	QTY	
Auto Bag-giving machine	1 set	
High speed weighing scale	1 set	
Packing machine	1 set	
Conveyor with stitching machine(1set)	Feed in machine	1 unit
	Stitching machine	1 unit
	Heat sealing machine	1unit

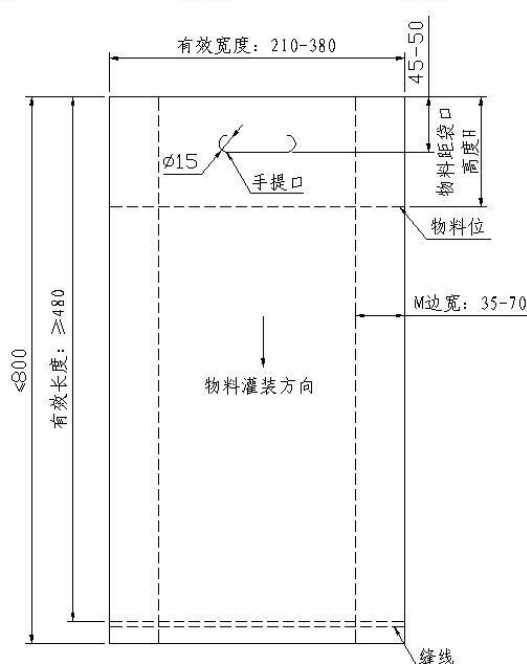
● Main configures

No.	Name	Controller
1	Touch Screen (weighing controller)	Switzerland / Mettler Toledo
2	Load Cells	USA/Celtron
3	Power Switch	Japan/Omron
4	Limit switch	Japan/Omron China/Zhengtai
5	Miniature Circuit Breaker	France/ Schneider
6	button、 knob	France/ Schneider
7	intermediate relay	Germany/Siemens
8	cylinder	Taiwan/AirTac
9	Electric cylinder	Japan/SMC、 IAI
10	solenoid valve	Taiwan/airtac
11	Servo motor	Japan/ Panasonic
12	motor	China/Ziguang
13	Vacuum pump	Germany/leybold
14	Folding machine/traction machine "Qingong" QG4900	"Qingong" QG4900
15	Stitching machine	Newlong Doule Lines/4threads
16	Heat Sealer	China/Jialong

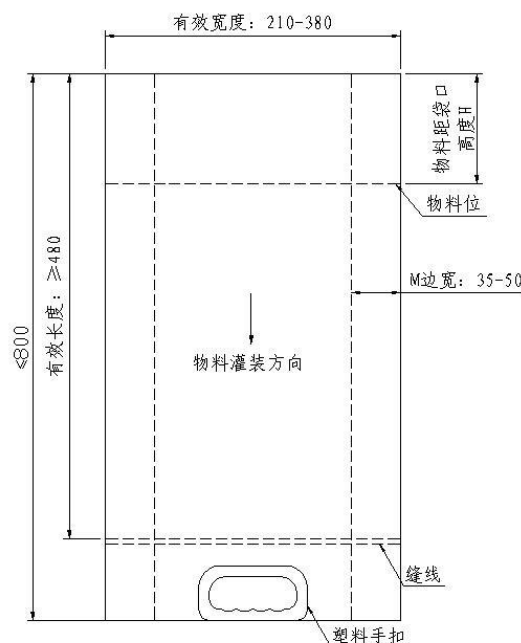
● Technical Parameters

Model	ZDB-900-Q35
Bag Size Range	L:500-800 W:210-400
Heat Sealing Range	W:210-400
Speed	550~900 bags/hour
Weighing Range	5~25kg
Applicable materials	Granular materials such as rice
Air pressure	0.4~0.6MPa 15m ³ /h
Power/power consumption	380/220VThree-phase five-wire 7KW
Bag storage	100~300 pcs
Dimension	3550×4140×3250

● Bag Information



5-25Kg: 双面覆膜编织袋 (单位mm)
 注: 无手提口、扁平袋 (无M边)
 有效长宽尺寸与图示相同



5-10Kg: 带手扣双面覆膜编织袋 (单位mm)

5kg M bag: (unit: mm)

Standard bag size range: effective length 480-520;
 effective width 210-250;

M side width 35-50;

Reference sample bag size: length x width x M side width = 480x230x35

10kg M bag: (unit: mm)

Standard bag size range: effective length 580-620;

effective width 260-290;

M side width 35-50;

Reference sample bag size: length x width x M side width = 580x280x45

25kg M bag : (unit: mm)

Standard bag size range: effective length 750-780;

effective width 340-380;

M side width 45-70;

Reference sample bag size: length x width x M side width=760x350x55 (without folding);

Length x width x M side width=780x350x55 (the bottom of the seam is folded).

Note :

1. PP Woven bags need to be laminated on both sides with the same hardness front and back of the bag. The bag is flat, without corner bending and other phenomena, and the bag mouth does not stick.
2. If it contains plastic hand buckle, the position of the hand buckle should be at the bottom, that is, the material is filled on the side of the non-hand buckle.
3. The M side of the organ bag is consistent front and back , and the misalignment difference is within 5mm.
4. The height H of the material from the mouth of the bag after filling is required to meet:

10Kg without handle without folding: $H \geq 180\text{mm}$

10Kg with handle with folding: $H \geq 220\text{mm}$

25Kg without handle and without folding: $H \geq 230\text{mm}$

25Kg with handle with folding: $H \geq 270\text{mm}$

Bag Quality:

For fully automatic operation, bags must have a required quality (bags and printing not sticky) and therefore the bag quality must be approved by Jialong.

Furthermore, the bags must be stored according to following conditions.

- Bags must be stored flat without any folding
- Bags are stored above each other to stacks of 50 bags
- Stacks are shifted 100 mm to each other to relieve pressure from the open end
- Bags must be protected against damage at transport
- Bags must open easily
- The opening side of the bags must not be sealed together
- PE inner bag, if any, must be stitched, sealed or glued to the outer bag at its mouth

● **Function and features**

1. Double working station bag giving system. 100-300 bags can be stored. There are detectors for alarm if either of working station' s bags are finished.
2. There is air pressure detecting device in the process of picking up the bag, opening the bag , clamping the bag and filling the bag. Unqualified bags will be kicked out automatically without stopping the working.
3. High speed weighing scale.
4. Bag-clamping movement and discharge gate are using two independent systems which make the bag clamping more stable
5. Using the big finger cylinder can make sure the bag mouth to be smooth.
6. It adopts plastic chain plate conveyor belt, gear meshing transmission, which is not easy to slip and deflect; the conveyor belt and the upper guide bag mechanism adopt mechanical linkage to ensure the synchronization of the conveying process.
7. All the major motoring are using servo motors. It' s very easy to adjust for different packing specifications, no need manual adjustment.

◉ Equipment pictures(reference)

