



**TRUSTAR PHARMA & PACKING EQUIPMENT CO., LTD.**

TEL: 86-577-65905236 FAX: 86-577-65905150

Mobile: 86-13958877535

E-mail: [tracy@trustar-pharma.com](mailto:tracy@trustar-pharma.com)

[Http://www.trustar-pharma.com](http://www.trustar-pharma.com)

## **ZPW125 Series Multi-functional Rotary Tablet Press Machine**





## TRUSTAR PHARMA & PACKING EQUIPMENT CO., LTD.

TEL: 86-577-65905236 FAX: 86-577-65905150

Mobile: 86-13958877535

E-mail: [tracy@trustar-pharma.com](mailto:tracy@trustar-pharma.com)

[Http://www.trustar-pharma.com](http://www.trustar-pharma.com)

### 1. Machine Description

The machine has a wide scope of application. It is applicable not only to the pharmaceutical and foodstuff industry but also the chemical, ceramic, electronic and battery industry for pressing the various kinds of granular materials into tablets.

The functions of the machine are complete. Besides producing the round shape tablets, it can also produce irregular, ring shaped or double engraved tablets. It can not only produce single layer tablets but also double layers or even triple layers tablets to satisfy the different demands of the customers.

### 2. Some technical features

1) the machine is compatible to the GMP requirements, with the separation of tablet pressing compartment from the driving mechanisms to prevent the contamination of the pharmaceutical. All the parts that will be in contact with the pharmaceutical materials are made of stainless steel or zinc plated in the surface, nontoxic and abrasion and corrosion resistant.

2) by adopting PLC programmable controller, the main functions, production data and malfunctions of the tablet pressing are monitored and controlled..

3) by adopting inverter for the speed adjustment, the adjustment of speed is stepless and reliable with a wide range. Meanwhile, motor with frequency inverter has been selected to ensure the constant power and speed adjustment with consistent torque, meeting the requirement on the torque with in the stipulated range for the rotary speed of the press..

### 3. Main technical parameters

Model		ZPW25	ZPW31	ZPW37
Dies		25	31	37
Tooling standard		D	B	BB
Max. pressure		80KN		
Max. Dia of Tablet (mm)	Round tablet	25	18	13
	Irregular tablet	25	19	16
Max. Depth of Fill		18mm		
Max. Thickness of Tablet		7mm		



**TRUSTAR PHARMA & PACKING EQUIPMENT CO., LTD.**

**TEL: 86-577-65905236    FAX: 86-577-65905150**

**Mobile: 86-13958877535**

**E-mail: [tracy@trustar-pharma.com](mailto:tracy@trustar-pharma.com)**

**[Http://www.trustar-pharma.com](http://www.trustar-pharma.com)**

Max. Turret speed (r/min)	20	35	40
Min. Capacity (pcs/h)	30000	65100	88800
Motor	4KW		
Dimensions	1050*900 *1880mm		
Weight	2000kg		

**4. Main Electrical Component List**

No.	Name	Model	Specification	Qty.	Brand
1	Main motor	Y112M-4	4KW 1440r/s	1PCS	Lichao, Shanghai
2	PLC	CPU224	AC220V relay output	1SET	SIEMENS
3	Analog module	EM235	DC24V pressure control	1PCS	SIEMENS
4	touch panel	MT506T	DC24V 5.7"	1PCS	Kinco
5	load switch	VCDO-20	20A 3P	1PCS	Schneider
6	breaker	DZ47-63/3P-B16	16A 3P	1PCS	DELIXI
7	breaker	DZ47-63/3P-B6	6A 3P	1PCS	DELIXI
8	transformer	JBK-250	0-220-380V/0-24-220V	1SET	lianhua
9	transducer	ZVFG9-4055	AC380V 5.5kw	1SET	Ziri
10	midget relay	HH54P/TP514X	AC220V	2PCS	DELIXI
11	contactor	CJX-9/22	AC220V 9A	1PCS	DELIXI
12	pressure transmitter	YSX-3	AC220V 4-20MA output	1SET	Shenyou
13	scram button	CDY7-11MZS/R	one close, one open	1PCS	DELIXI
14	installation track		35mm	1.5 METERS	Changhong plastic co., LTD
15	main power supply connection interface	ST215/ST515	3P+N+PE 16A	1PCS	SUNIX
16	vacuum cleaner connected	014/314	3P+PE 16A	1PCS	SUNIX



**TRUSTAR PHARMA & PACKING EQUIPMENT CO., LTD.**

**TEL: 86-577-65905236    FAX: 86-577-65905150**

**Mobile: 86-13958877535**

**E-mail: [tracy@trustar-pharma.com](mailto:tracy@trustar-pharma.com)**

**[Http://www.trustar-pharma.com](http://www.trustar-pharma.com)**

	interface				
17	Sieve machine interfaces	013/313	2P+PE    16A	1PCS	SUNIX
18	coupling	QD97-20	6-12mm	1PCS	Changhong plastic co., LTD
19	Terminal Block	Figure No.ZP125-wire 4		1PCS	Guangqi, Shanghai