

GZPS 全自动双出料高速压片机 ( 720 系列 )  
GZPS Automatic High-speed double-sided Tablet Press (720 Series)

大压力 大片径 大产量



高精度 易维护

*High pressure, large diameter of tablets, high yield,  
accurate and easy maintenance.*



## GZPS

### GZPS-51/65/73/83

先进、合理的设计是产品品质卓越的基础，多年高速压片机制造经验与现代科技的有机结合，催生了GZPS系列双出料高速压片机的新型设计，实现了产品的标准化、模块化、系列化。

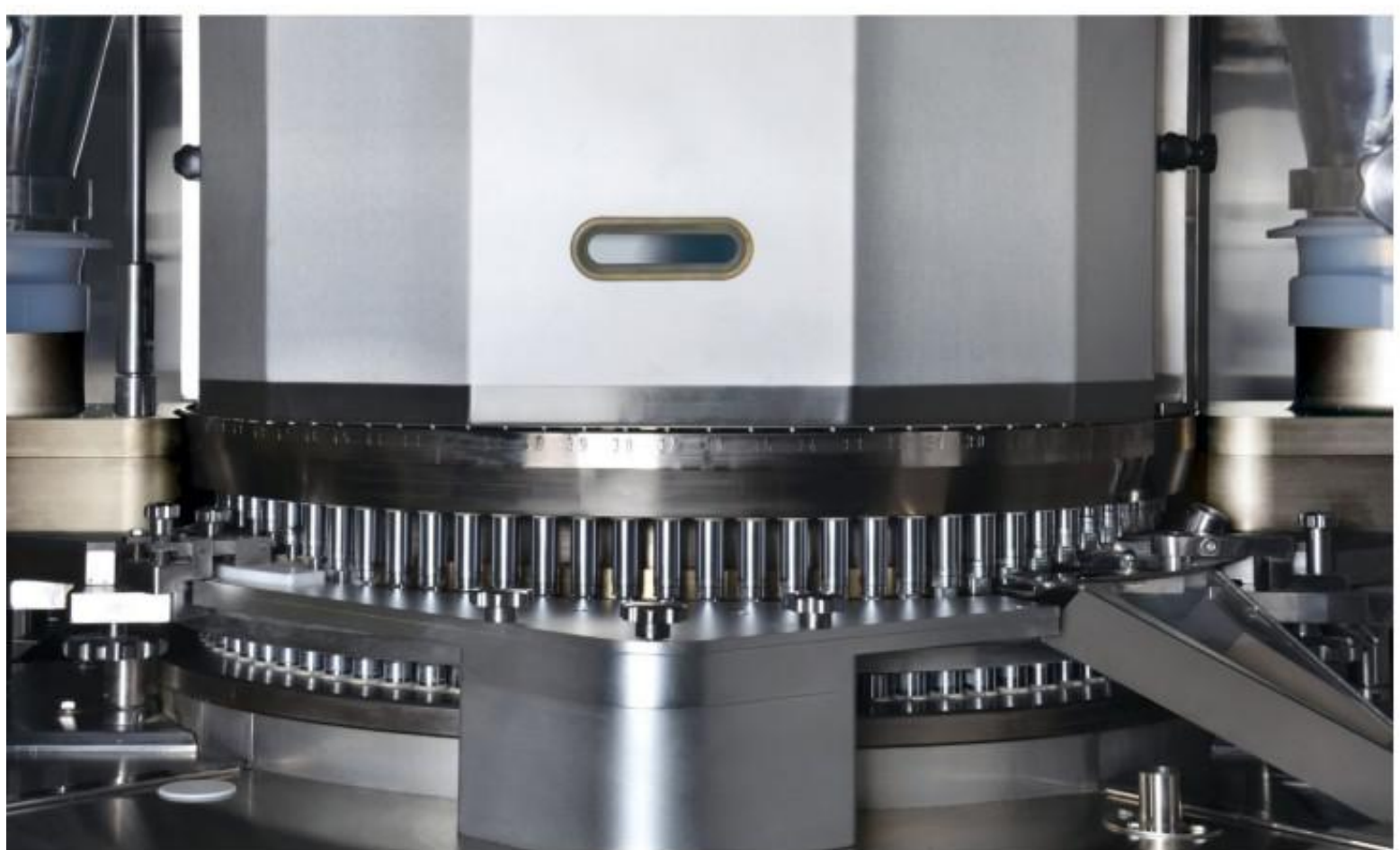
GZPS系列产品具有高精度、高速度、高自动化等优点，是大批量片剂生产的理想设备。

完全符合GMP要求，能压制双层双色片、环形片、圆形片、刻字片和异形片，适合于制药、食品、化工等行业的高效、精密压片。

The advanced and reasonable design is the foundation of extraordinary quality of production, with a combination of years of experiences on producing high-speed tablet press and modern technology, a new design idea of GZPS series double-sided high-speed tablet press fulfilled the standardization, modularization and serialization of production.

GZPS series possess advantages as high-precision, high-speed and high-degree automation. It is the ideal equipment for mass production.

Meets GMP requirements. can press two layers tablets with different colors, annular tablets, round tablets, engraved tablets and irregular tablets. Available for pharmaceutical factory, food and chemical industries.



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**技术参数**  
**Technical parameters**

参数 data	型号 model	GZPS-51	GZPS-65	GZPS-83
冲头数	No. of stations	51	65	83
产量范围 (片/小时)	Output range (Tablets/h)	48960~ 489600	62400~ 624000	79600~ 796000
转速范围 (转/分钟)	Rotation speed range (rpm)	8~80rpm		
主压力	Main pressure	100KN		
预压力	Pre-pressure			
最大片径	Max tablet diameter	φ 25mm	φ 16mm	φ 13mm
异型片最大长度	Max length of irregular tablet	25mm	19mm	16mm
冲模直径	Diameter of die	φ 38.1mm	φ 30.16mm	φ 24mm
最大填充深度	Max. filling depth	20mm	20mm	20mm
主电机功率	Main motor power	11kW		
冲杆直径	Diameter of punch	25.35mm	19mm	
重量	Weight	5500kg		
主机外形尺寸	Dimension of machine	1300×1300×2000mm		
电控柜外形尺寸	Dimension of control cabinet	890×510×1200mm		

**特性**

全自动干稀两套集中润滑系统；  
 特殊的防油、防尘、防噪系统；  
 采用高清晰、隔离视窗设计；  
 压片室360° 无死角全开启结构，  
 清洁、操作、维护方便；  
 特有的三仓隔离、四柱框架结构，  
 确保机器稳定耐用；  
 冲盘热处理工艺与国际同步，  
 寿命超长。

**Performance**

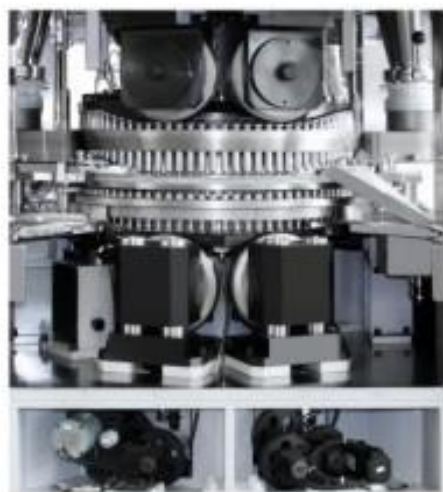
Automatic concentrative lubrication system;  
 Special oil proof, dust proof and noise proof system;  
 Isolated visual window with high clarity;  
 A 360°open structure of pressing chamber, without dead area. Easy to clean, operate and maintenance;  
 Design of 3 segregated areas-Dring, servo control and compression,  
 Special 4 poles construction ensures the machine to perform stably and durably;  
 Advanced international heat treatment of the punch turret makes it have supper longevity.





## GZPS 全自动双出料高速压片机 (720 系列)

### GZPS Automatic High-speed double-sided Tablet Press (720 Series)



预压轮与主压轮结构与尺寸相同，可互换，有利于物料排除空气，并延长压缩时间；

压轮采用钢性支撑，使片剂获得最佳的成形效果，有效地保证片厚的一致性；上下导轨及冲模拆装空间大，便于维护保养。

采用电动机加编码器的方式来调整主、预压轮的位置，精度高。

Same size of pre-press wheel and main-press wheel. The both wheels can be interchanged, which is propitious to removing air for material and extend the time of pressing.

Steel support for press wheel makes tablets formed best and ensures the consistency of thickness of tablets.

Enough space of replacement for both die and upper & lower cam tracks, it is easier for maintenance.

Adopt motors and encoders to adjust the position of main press rollers and pre press rollers, which guarantees high precision.



电控柜独立于主机，电气控制区与生产区分隔，安全与卫生系数大大提高；

采用10寸触摸屏自动控制，无手轮操作，生产高度自动化；

所有生产信息均可显示、储存、提取并更改；

可设置不同等级的用户密码保护。

Separate control cabinet to operate the machine; separated production area from operating area; ensures the safety for operator and sanitation for production.

Adopts 10 inches touch screen to fulfill the automatic controlling, without handwheels.

All information about manufacturing can be displayed, stored, extracted and reset.

Different degree of user's password can be set.

全自动伺服电机控制，调整计量导轨，控制填料深度，保证片重精度。

Adopts automatic servo motor controlling; adjust dosing cam tracks; control the depth of filling, ensures high accuracy of tablets' difference.



#### 三桨双层填料系统

上叶轮增加药粉流动性，均衡药粉密度。

下叶轮用于充填和计量，保证充填的均匀性。

Three impellers feeding system;

Upper impeller is used for enhancing the fluidness of powder to equalize the density of powder;

Lower impellers are used for feeding and dosing to maintain the uniformity.

