

# PG800系列高速压片机

## PG800 Series High Speed Tablet Press Machine

### ► 用途 (Application)

PG800系列高速压片机以其卫生设计和高效生产能力，广泛适用于多个行业。在制药领域，它适合制造各种口服固体制剂如片剂和胶囊，满足严格的药品生产要求。同时，它也理想用于生产膳食补充剂和营养保健品的片剂，响应健康与保健市场的需求。美容行业中，PG800可用于压制含维生素或矿物质的化妆品片剂，满足特定需求。该设备还能在化学工业中压制化学化合物片剂，确保安全存储和精确计量。此外，在食品行业，它能生产泡腾片等快速溶解或特定剂量的压缩食品产品。通过这些应用，PG800展示了其多功能性和可靠性，是高产量、高质量片剂生产的优选设备。

PG800 series high-speed tablet press is widely used in multiple industries with its hygienic design and efficient production capacity. In the pharmaceutical field, it is suitable for manufacturing various oral solid dosage forms such as tablets and capsules to meet the strict requirements of drug production. At the same time, it is also ideal for producing tablets of dietary supplements and nutritional health products to respond to the needs of the health and wellness market. In the beauty industry, PG800 can be used to press cosmetic tablets containing vitamins or minerals to meet specific needs. The equipment can also press chemical compound tablets in the chemical industry to ensure safe storage and accurate metering. In addition, in the food industry, it can produce fast-dissolving or specific-dose compressed food products such as effervescent tablets. Through these applications, PG800 demonstrates its versatility and reliability, and is the preferred equipment for high-volume, high-quality tablet production.



### ► 特点 (Features)

1. 双重压缩系统：确保有效压实材料，从而确保一致的药片质量。
2. 封闭式腔室：由耐腐蚀不锈钢和无毒材料制成，确保卫生。
3. 易于访问：四个透明、可打开的窗口便于清洁和更换工具。
4. 安静、安全的操作：密封的下部采用降噪材料容纳驱动机构，确保安全并最大限度地降低噪音。
5. 集成流程：将填充、计量、压缩和弹出结合在一个操作中。
6. 用户友好型控制：通过直观的触摸屏面板操作。
7. 机械性能：由连接到蜗轮箱的电机驱动，可实现高效减速和平稳运行。

1. Dual Compression System: Ensures effective material compaction for consistent tablet quality.
2. Enclosed Chamber: Constructed from corrosion-resistant stainless steel and non-toxic materials to ensure hygiene.
3. Easy Access: Four transparent, openable windows allow for simple cleaning and tool changes.
4. Quiet & Safe Operation: Sealed lower section with noise-reducing material houses drive mechanisms, ensuring safety and minimizing noise.
5. Integrated Processes: Combines filling, metering, compressing, and ejection in one operation.
6. User-Friendly Controls: Operated via an intuitive touchscreen panel.
7. Mechanical Performance: Driven by a motor connected to a worm gearbox for efficient speed reduction and smooth operation.



### ► 技术参数 (Technical Parameters)

参数ITEM / 型号TYPE		PG800-83	PG800-65	PG800-51
冲模数 Dies	sets	83	65	51
冲盘转速 Revolutions	r/min	16~72		
最大主压力 Max Main Pressure	kn	100		
最大预压力 Max Pre-pressure	kn	100		
最大压片直径 Max.Dia of Tablet	mm	13	16	25
最大充填深度 Max.Depth of Fill	mm	16	16	20
最大片剂厚度 Max.Thickness of Tablet	mm	8.5		
节圆直径 Pitch Circle Dia	mm	720		
冲头柄直径 Punch Shank Dia	mm	19	19	25.35
中模高度 Die Table Height	mm	22.22	22.22	23.8
最大产量 Max. Output	pcs/h	710000	560000	440000
最小产量 Min.Output	pcs/h	160000	120000	98000
功率 Power	kw	11		
能否压异型片 Ability to produce odd-shaped tablets	-	Yes		
主机重量 Net Weight	kg	5000		