

螺杆分装机 SCREW POWDER FILLING MACHINE

ASEPTIC POWDER DOSING & STOPPERING MACHINE



螺杆分装机

SCREW POWDER FILLING MACHINE

螺杆分装机概述

采用伺服电机控制螺杆输粉的驱动圈数，从而准确控制原料药粉按规定容量分装至西林瓶，并盖好胶塞。

Description

The core design of the powder filling machine is to use the combination of servo motor and updated auger, which ensures the accuracy of the filling dosage. With the exact amount of powder filled in, rubber stopper will then be automatically sealed on top of each vial.



高速盘式分装机
High speed rotary powder filling machine FGP4

生产速度 Capacity (vials/hour)

Model	FGB2	FGP4	FGZ2	FGX2
7ml vials	7200	22000	15000	6000
10ml vials	7200	22000	15000	6000
15ml vials	6000	19000	12000	5400
20ml vials	5600	16800	12000	5400
25ml vials	4900	15000	10000	4800
30ml vials	4800	12000	10000	4800

* 产量以在7ml西林瓶中灌装1g粉体为基准

机型技术参数 Parameters

设备名称 Description	低速拨盘式分装机 Low speed rotary powder filling machine	高速盘式分装机 High speed rotary powder filling machine	直线式分装机 Linear powder filling machine	分装旋盖机 Powder filling screw capping machine
设备型号 Model	FGB2	FGP4	FGZ2	FGX2
电源 Power supply		3phases,	380V 50Hz	
真空度 Vacuum	-0.066MPa, 8m ³ /hr	-0.066MPa, 14m ³ /hr	-0.066Pa, 10m ³ /hr	-0.066Pa, 8m ³ /hr
功率 Power	1kw	6kw	3kw	3kw
噪音 Noise Level	≤65db	≤65db	≤65db	≤65db
最高产能 Max Capacity	7200	22000	15000	6000
误差精度 Tolerance	≤±2%	≤±2%	≤±2%	≤±2%
加塞成功率 Completion rate	99.5%	99.5%	99.5%	99.5%
机器尺寸 Dimension	1800×940×1800	3240×1100×1800	2330×1320×1800	1955×1188×1800
传送台高度 Feeding height	900±20mm	900±20mm	900±20mm	900±20mm
机器重量 Weight	860kg	1400kg	1100kg	1000kg

机型特点 Features

设备名称及型号 Description & Model	机型特点 Machine Features
低速拨盘式分装机 Low speed rotary powder filling machine FGB2	双轨间歇式进瓶、分装、加塞 dual intermittent feeding, filling and stoppering
高速盘式分装机 High speed rotary powder filling machine FGP4	连续式进瓶、加塞；间歇式分装。具备倒瓶剔除、无瓶不分装、无瓶止塞、自动取样功能。 Continuous feeding, stoppering; intermittent filling. Automate rejecting and sampling. No vial no filling; no vial no stoppering.
直线式分装机 Linear powder filling machine FGZ2	双轨连续式进瓶、加塞；间歇式分装。具备倒瓶剔除、无瓶不分装、无瓶止塞、自动取样功能。 Dual continuous feeding, stoppering; intermittent filling. Automate rejecting and sampling. No vial no filling; no vial no stoppering.
分装旋盖机 Powder filling screw capping machine FGX2	双轨间歇式进瓶、分装、旋盖。 Dual intermittent feeding, filling and screw capping



直线式分装机
Linear powder filling machine FGZ2



分装旋盖机
Powder filling screw capping machine FGX2



低速粉针联动线

LOW SPEED POWDER FILLING PRODUCTION LINE

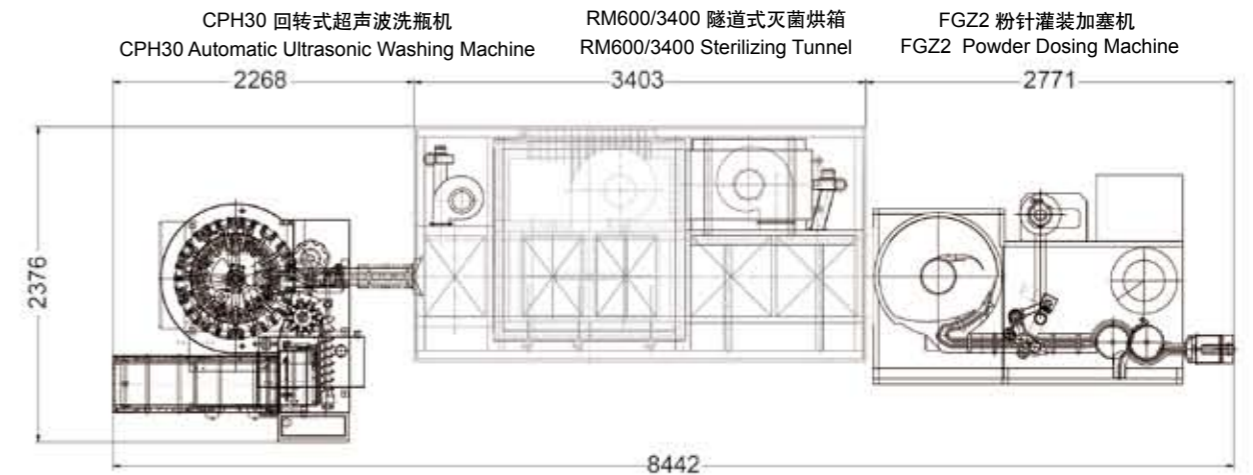


Line Description

- This low-speed line is specially designed for the requirement of low output and short-run production with reliable and stable production under the intermittent motion, the major machine parts procured from well-know brand, adopt smart control system. The line benefits our customers by its few change parts and changing parts quickly.
- The entire synchronized filling line in stable running, easier operation, low noise, no pollution to production environment; the designing and manufacturing are being in compliance with ISO standard, cGMP guideline, FDA's CFR211.67a regulation, CE standard, Principle of Human Machine Engineering; oRABS, cRABS, Isolator system are possible to provide optionally. The container sizes applicable range from 5ml-50ml with maximum production speed of the whole line up to 120vials/min.

联动线概述

- 低速粉针灌装线适用于小批量生产的应用，整条灌装线在间歇式运行模式下稳定可靠，其主要的零部件采用进口一流品牌。整线模具采用定位安装，更换快速。
- 此生产线控制系统先进灵敏，性能稳定可靠，操作简易，噪音低，无污染，设计制造遵循ISO标准、国际cGMP规范、FDA's CFR211.67a调律、国际CE 标准、符合人机工程学原理要求；可配备开放式保护罩（oRABS）、密闭式保护罩（cRABS）和隔离保护罩（Isolator）系统。规格容器适应范围从5ml-50ml，整线最大生产速度可达120瓶/分钟。



高速粉针联动线

HIGH SPEED POWDER FILLING PRODUCTION LINE

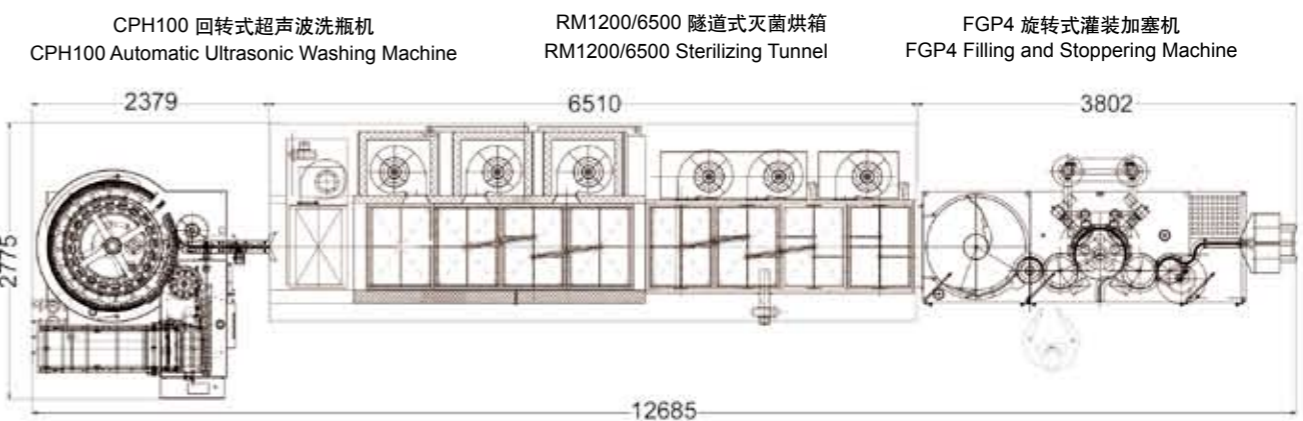


Line Description

- This high-speed line is specially designed for the requirement of high output and larger batch production with reliable and stable production under the intermittent motion, the major machine parts procured from well-know brand, adopt smart control system. The line benefits our customers by its few change parts and changing parts quickly.
- The entire synchronized filling line in stable running, easier operation, low noise, no pollution to production environment; the designing and manufacturing are being in compliance with ISO standard, cGMP guideline, FDA's CFR211.67a regulation, CE standard, Principle of Human Machine Engineering; oRABS, cRABS, Isolator system are possible to provide optionally. The container sizes applicable range from 5ml-50ml with maximum production speed of the whole line up to 250-400vials/min.

联动线概述

- 高速粉针灌装线适用于大批量生产的应用，整条灌装线在间歇式运行模式下稳定可靠，其主要的零部件采用进口一流品牌。整线模具采用定位安装，更换快速。
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