

水灌装主机 WATER FILLING MACHINE



KSCGF系列水灌装机可以完成清洗瓶、灌装、封口等工序，广泛应用于生产塑料瓶装矿泉水、纯净水、酒精饮料和其他非气体饮料。该系列全自动灌装机可有效的提高生产能力和经济效益，全面满足瓶装饮用水企业的需求。

主要结构特点

- 整机采用模块化设计，电器均采用国内外一线品牌。
- 冲瓶单元采用优质不锈钢材，实现对瓶内、瓶外壁和瓶口高压冲洗，确保冲洗无死角。
- 灌装单元采用国外先进技术，灌装速度快，精度高，拆卸维护方便。
- 封口单元采用广泛使用的塔式传动机构，封口头借鉴国外公司技术，确保封口率。
- 理盖单元采用目前国内外先进的瀑布式提升理盖结构，噪音小，盖损低。
- 盖清洗单元用冲瓶水将瓶盖进行清洗、压缩空气喷冲残留液滴，保证瓶盖有效清洗。

The KSCGF series water filling machine can complete the processes of washing bottles, filling and sealing, and is widely used in the production of plastic bottled mineral water, purified water, alcoholic beverages and other non-gas beverages. This series of fully automatic filling machines can effectively improve production capacity and economic benefits, and fully meet the needs of bottled drinking water companies.

Main structural features

- The whole machine adopts modular design, and the electrical appliances adopt domestic and foreign first-line brands.
- The bottle-washing unit is made of high-quality stainless steel, which realizes high-pressure washing of the inside of the bottle, the outer wall of the bottle and the mouth of the bottle to ensure that there is no dead corner.
- The filling unit adopts advanced foreign technology, with fast filling speed, high precision, and convenient disassembly and maintenance.
- The sealing unit adopts the widely used tower drive mechanism, and the sealing head draws on the technology of foreign companies to ensure the sealing rate.
- The cover-managing unit adopts the advanced waterfall-type lifting cover-managing structure at home and abroad, with low noise and low cover loss.
- The cap cleaning unit cleans the cap with flushing water, and the compressed air sprays the residual droplets to ensure the cap is effectively cleaned.



技术参数 Technical parameters

型号Model	KSCGF08B	KSCGF32A	KSCGF40A	KSCGF60A
产能Capacity	12000BPH	15000BPH	24000BPH	36000BPH
模块配比Modules	冲瓶Rinser24; 灌装Filler24; 封口Seamer8	冲瓶Rinser32; 灌装Filler32; 封口Seamer8	冲瓶Rinser40; 灌装Filler40; 封口Seamer15	冲瓶Rinser60; 灌装Filler60; 封口Seamer20
适用瓶型Bottle type	PET; D=50~97mm; H=150~320mm			
装机容量Installed capacity	5kw	7kw	9kw	11kw
压缩空气消耗量Compressed air consumption	0.6Nm ³ /min,0.6MPa	0.8Nm ³ /min,0.6MPa	1Nm ³ /min,0.6MPa	1.2Nm ³ /min,0.6MPa
水消耗量 Water consumption	1.5~2m ³ /h,0.25MPa	1.5~2m ³ /h,0.25MPa	2.5~4m ³ /h,0.25MPa	3.5~6m ³ /h,0.25MPa
外形尺寸 Size	3000X2300X2500	3360X2540X2500	3550X3250X2500	5800X4500X2500
整机质量Weight	6t	7.2t	10t	15t
冲净率 Washout rate	100%			
灌装液位误差 Filling liquid level error	±3mm			
瓶损率 Bottle damage rate	≤0.08%			
盖损率 Damage rate of bottle cap	≤0.5%			
封口合格率 Sealing pass rate	≥99.7%			
拧盖力矩 Capping torque	0.6~2.8N.m 波动范围 Fluctuation range ±15%			
液损率 Liquid loss rate	≤0.3%			