

计量式色母混合机

Volumetric Doser

DY-CD系列计量式色母混合机，可以对塑料原料的1种主料和1-4种色母料或添加剂按比例自动混配。适用于注塑、挤出或吹塑生产。该系列产品采用混合式步进电机，并配合专用微电脑控制器，可精确地计量色母及添加剂的添加比例。此混合机可以与各类成型机信号做连接进而同步运转，保证成型产品性能一致性。

DY-CD series volumetric dosers are adoptable to auto-proportion mixing of new materials, regrinds, masterbatch or additive, adaptable to injection, extrusion or blow molding field. A stepper motor is used in this series, according to the set mixing proportion, the microprocessor accurately controls rotation of the high precise dosing screw to squeeze out materials with an deviation of $\pm 1\%$. This doser can connect with various molding machine signals in synchronicity, to ensure the stability of the products.



特点 Features

- ▶ 模块化可拆卸式设计，可快速更换螺杆及套筒；
 - ▶ 使用高精度混合式步进电机，计量准确并且输出量范围广；
 - ▶ 马达直接驱动，无减速箱，寿命长、免维护；
 - ▶ 采用通用型PLC控制器，确保性能可靠，维护简便；
 - ▶ 可存储50组配方，可快速启动机器；
 - ▶ 螺杆采用镀铬处理，经久耐用；
 - ▶ 底座侧面有可视窗装置，易观察原料。
- ▶ Unit is comprised of standard modules for ease of cleaning, disassembly and interchangeability;
 - ▶ Using the high accuracy hybrid stepping motor, measurement accuracy and output scope;
 - ▶ Motor drive directly, without gearbox, long service life, maintenance-free;
 - ▶ The adopted PLC panel shows reliable performance and easy maintenance;
 - ▶ It can store 50sets of formula, and it can quickly start the machine;
 - ▶ Dosing screws are chrome plated for durability;
 - ▶ The side of the base has a windowing device for easy observation of raw materials.

参数规格 Specification

型号 Model	单位 Unit	DY-CD12	DY-CD14	DY-CD16	DY-CD12*2	DY-CD16*2
马达功率 Motor Power	KW	0.04	0.04	0.04	0.04*2	0.04*2
马达转速 Rotary Speed	RPM	1.8~300	1.8~300	1.8~300	1.8~300	1.8~300
搅拌器功率 Mixer Power	KW	0.09	0.09	0.09	0.09	0.09
螺杆外径 Screw Dia	mm	12	14	16
输出量 Output Capacity	KG	0.05~20	0.1~40	0.5~64
尺寸 Dimensions	L/mm	450	450	770	450	520
	W/mm	560	560	815	980	1050
	H/mm	310	310	1225	310	1050
净重 Net Weight	KG	25	25	25	45	75

备注/Notes:

标准电压: 220v 50hz 1phase
Standard voltage: 220v 50hz 1phase