

## VOLUMETRIC DOSERS

YTM series volumetric dosers are adaptable to auto - proportion mixing of new materials, regrinds, masterbatch or additives, 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 + 1%. This doser can connect with various molding machine signals in synchronicity, to ensure the stability of the products.

### FEATURE:

- 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.
- Can store 50sets of formula, can quickly start the machine
- Dosing screws are chrome plated for durability;
- The roof-shaped quick-change(the dosing section can be removed without granulate leaking form the neckpiece), large opening on the side of the neckpiece, large window and improved static blending.

### SPECIFICATIONS

Model	Single Color Unit			Double Color Unit	Three Color Unit
	YTM-12	YTM-14	YTM-16	YTM-D2	YTM-D3
Motor Power	0.3	0.3	0.3	0.3x2	0.3x3
Rotary Speed(R.P.M)	1.8-300	1.8-300	1.8-300	1.8-300	1.8-300
Mixer Power(KW)	0.09	0.09	0.09	0.09	0.09
Screw Dia(MM)	12	14	16	**	**
Output Capacity(KG/HR)	0.05-20	0.1-40	0.5-64	*	*
Storage Capacity(L)	13	13	13	13	13
Main Material Hopper(L)	Optional	Optional	Optional	Optional	Optional
Mixer	Optional	Optional	Optional	Optional	Standard
Floor Stands	Optional	Optional	Optional	Optional	Optional
Dimensions					
H(mm)	450	450	450	450	520
W(mm)	560	560	560	980	1050
D(mm)	310	310	310	310	1050
Approx.Net Weight(KG)	25	25	25	45	75

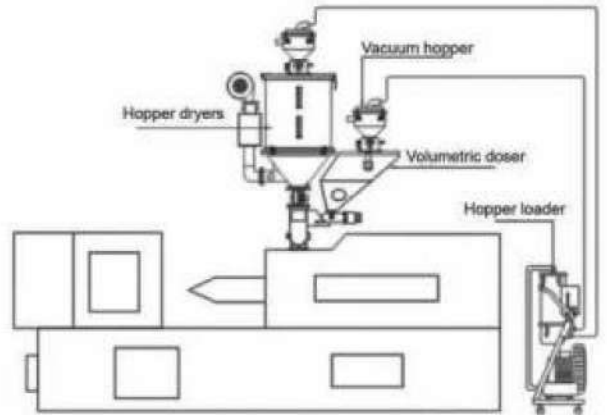
#### Note:

- 1) "\*" means the output capacity depends on the screw selected, data of the single color doser can be a reference. For example-YTM- 12, output capacity is 0.05-20 kg/hr.
- 2) "\*" stands for external diameter of screw is up to model selected.
- 3) Single color doser with screw, add "MX" on the back of model.
- 4) The output proportion of all models are 1.2.diameter 2~3mm masterbatch in a test criteria of continuous running.
- 5) Voltage : 1Φ, 230V, 50Hz

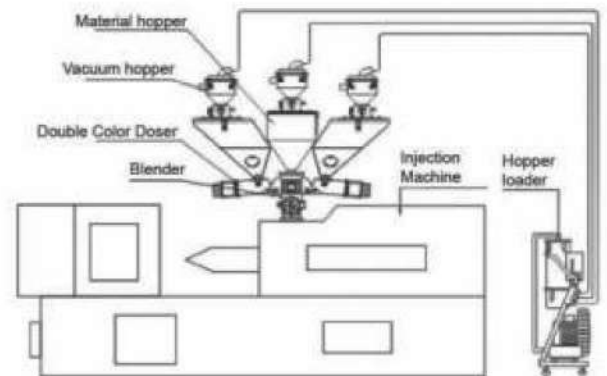
Note: We reserve the right to cancel or change the above specific model without any prior notice.



INSTALLATION DIAGRAM



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