

WPB-T50 High Precision Powder Feeding/Dosing Machine



Application Field

Production of raw materials/plastics modification/chemicals & plastic films/cables/pipes.

Scope Of Application

For the online mixing and dosing processes with calibrating or scaled metering of materials like pellet, powdery and liquid in plastic industry.

System Principle

The WPB high precision Powder Feeding/Dosing Machine is a dynamic system with the principle of weight –loss. The dosing volume can be controlled and modified automatically to keep it constant. For multi components dosing, the each volume can be adjusted automatically according with the real output of extruders. The application scope for raw material is enlarge, meanwhile, the metering function of meter weight can be added to control the constancy of meter weight of products.

Function Features

1. Unique design .Besides metering mixture of solid materials , the blender is also applied for metering mixture of powdery materials.
2. Servo control and screw feeding adopted, much bigger material application scope is available, as well as higher precision rate and response speed.
3. Anti-bridge structure is suitable for bridging powder materials.
4. Touch screen operating interface and dynamic flow ratio model make the operation more direct-viewing and convenient
5. Automatic feeding for material.
6. Parts of system contacting with material are made of stainless steel.
7. Real time changing of formula and throughput.
8. System feeding/dosing precision: $\pm 0.5\%$.
9. Low maintenance cost.
10. All core components are in top quality.
11. Meter weight and extrusion output control function of production line can be chosen for multi-component dosing.



Optional Model & Parameters

Model	Output	Size
WPB-T20	0.8-228	586*320*850
WPB-T38	1.4-432	680*460*850
WPB-T50	1.8-532	750*580*1230
WPB-T60	2.1-639	870*670*1460

On the premise of specific component quantity and measuring method of WalthMac, the actual output relate with raw material and component quantity.