

Powder Pellet Granule Packaging Machine Valve Bag Type High Accuracy HS-FK



The PVPE (Pneumatic Valve Packing Equipment) is an air flow bagger designed to fill dry solids, like granulated pellets, cement, adhesives, renders, powders, small aggregates and flaked products into valve bags. The PVPE works on the basis of air fluidisation of the product and differential pressure resulting in product flow into valve bags. This equipment can also be customized as per different customers' special requirements. The PVPE Packer weighs the bag and contents as it is being filled. The packing speed can reach 5-8 bags per minute (20 kg) while maintaining accuracy. The speed relates to material ratio, fluidity, granularity, humidity, etc.

Automatic Bag-Fetching Manipulator:

The valve bag is sucked up by the suction cup, and the manipulator stretch open the bag mouth to insert the bag into the material discharge hole. The vacuum of the standard suction cup is generated by the suction system. This system can give timely feedback of product status to ensure that each bag is accurately placed to the packaging machine discharge hole.

Bag Magazine (Empty bag depot):

It is big enough to keep 120 empty bags here and there is still place more bags. This bag magazine coordinates the automatic bag-fetching manipulator to realize fully automatic operation of bag taking. When the present batch of bags are used up, the next batch will be automatically replenished. The operator on site can put the bags into bag magazine while the machine is running. So there is no need to stop the production for supplement which will ensure continuous packing.

Main Technical Data:

Packing range	10-50 kg
Packing speed	5-8 bags/min.
Packing accuracy	±0.5~1%
Valve hole size	50 mm (2") suitable, filling spout
Valve hole length	90-165 mm
Bag length	90-180 mm
Bag height	300-900 mm