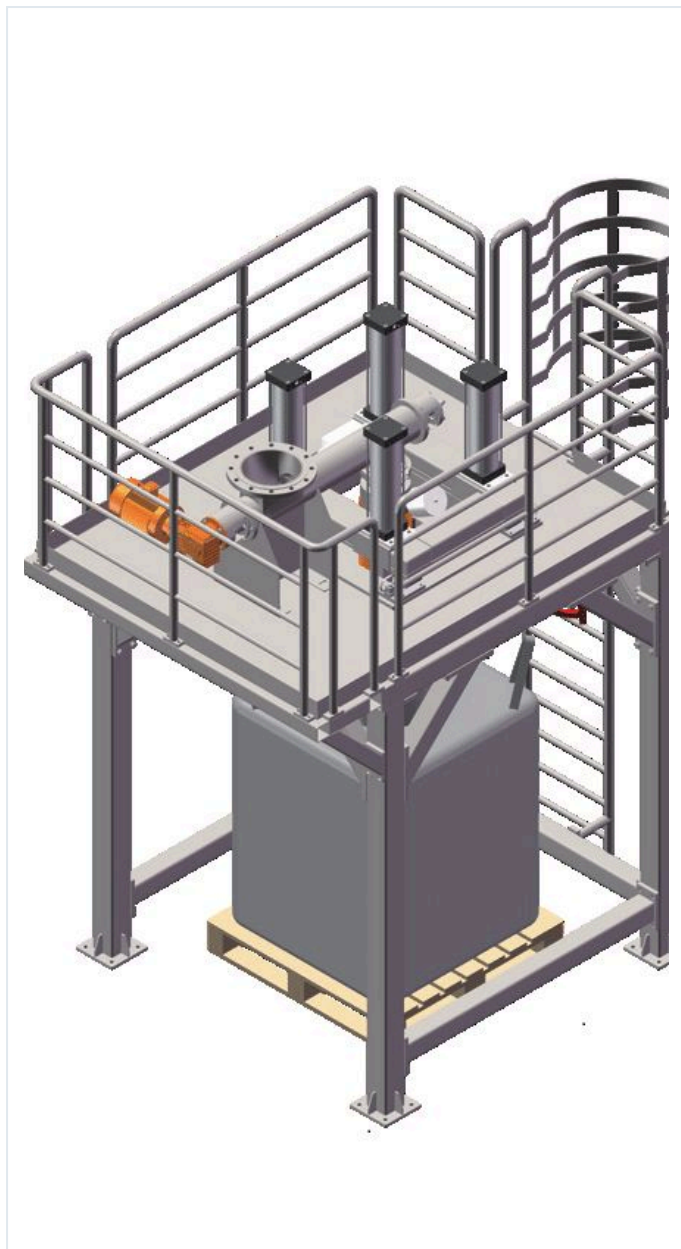




The PB big bag packing machine fills big bags (FIBC) and integrates electronic weighing, automatic bag release and dust collection, with packing specifications of 300–1500 kg available. Automation is high, weighing accuracy is 0.2% and speed is 10–30 bags/h. Two versions are offered — upper weighing (hanging scale) and lower weighing (platform scale) — with screw, gravity or vibration feeding. It can connect with an automatic palletizing line to form an unmanned 'packing–conveying–palletizing' production line, and is widely used for the large-format packing of powders and granules in mining, chemicals, building materials, metallurgy and agriculture.

Working Sequence: The four corners of the bag are hung manually onto cylinder hooks → the cylinder clamps the bag mouth and tares automatically → two-stage fast / slow feeding with a vibrating table compacting in sync → feeding stops automatically at the target weight → the bag is released and unhooked for forklift or roller-conveyor transfer. Dust generated during filling is extracted through the dust collection port, keeping the workplace clean.

Key Features

- ◆ Weighing accuracy 0.2%, packing speed 10–30 bags/h
- ◆ Airbag / double-cylinder belt bag clamping with a fully sealed, dust-proof filling mouth
- ◆ Full sequence: automatic tare → fast feed → slow feed → automatic bag release
- ◆ Synchronous negative-pressure dust collection during filling; dual-layer filling mouth for stable inflation and venting
- ◆ Options: pallet magazine, conveying line, checkweigher, vibrator, bag sewing / heat sealing machine
- ◆ Can connect with an automatic palletizing line to form an unmanned packing line

Specifications

Item	PB-500	PB-1000
Weighing Type	Upper weighing (hanging scale)	Lower weighing (platform scale)
Weighing Range (kg)	300–1000	300–1500
Weighing Accuracy	0.2%	0.2%
Packing Speed (bags/h)	10–30	10–30
Feeding Method	Screw / gravity / vibration	Screw / gravity / vibration
Bag Clamping	Airbag / double-cylinder belt clamping	Airbag / double-cylinder belt clamping
Power & Air Consumption	1.1–3.5 kW	1.1–3.5 kW

※ For selection please provide: lifting strap height, inlet diameter and height, big bag height, and total weight.

