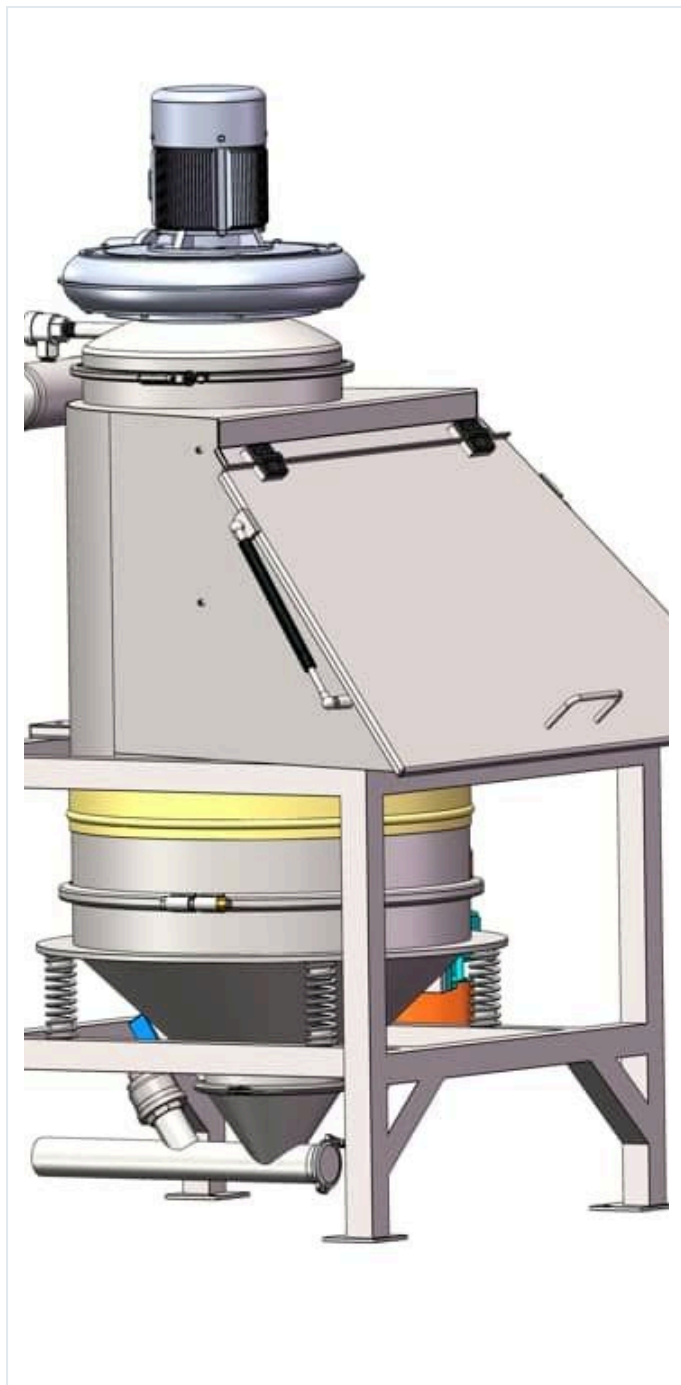




The CHUYAO bag dump station is designed for manual opening and feeding of 20–50 kg small bags. A dust-collection fan keeps the operating chamber under negative pressure, capturing airborne dust on the spot — eliminating dust emission, keeping the working area clean and minimizing material loss. Material passes through a vibrating safety sieve that intercepts lumps, bag fibres and other foreign matter, protecting downstream equipment and ensuring only compliant particles pass through. Widely used in pharmaceutical and chemical industries for the opening, dumping, screening and discharging of small-bag materials.

Working Principle: Escaping dust is drawn by the negative-pressure air stream into the filter chamber and retained by the filter cartridges, while clean air is discharged by the fan. High-flow pulse jet cleaning periodically back-flushes the cartridges to maintain stable permeability and airflow. Material falls through the safety sieve into the buffer cone and is then transferred downstream by a vacuum feeder or positive-pressure conveying system — dust-free from bag opening through to conveying.

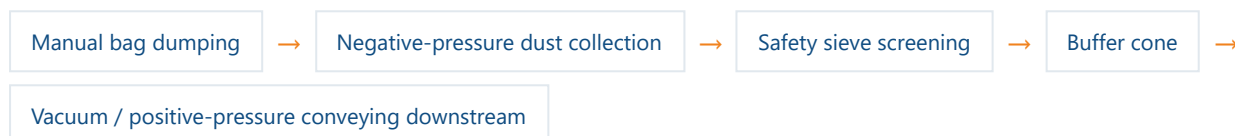
Key Features

- ◆ Dust-collecting filter-type dumping table — no dust escapes during manual feeding
- ◆ High-flow pulse jet automatic cartridge cleaning, triggered on closing the chamber door, maintains operating resistance
- ◆ Built-in safety sieve intercepts lumps and foreign matter, protecting vacuum feeders, mixers and other downstream equipment
- ◆ Product-contact parts in 304 / 316L stainless steel with polished, dead-corner-free internals; modular and demountable for easy cleaning and sanitizing
- ◆ Material in the cone can be connected to vacuum / positive-pressure conveying for dust-free on-site operation
- ◆ Optional magnetic separator, weighing, arch-breaking vibration and explosion-proof motor, integrated flexibly to suit the material and process

Specifications

Model	Dimensions (mm)	Power	Screen	Material
DS-800	1200×800×2350	1.1 kW	None	304 / 316L
ADS-800	1200×800×2350	2.2 kW	20 mesh	304 / 316L

※ Further specifications and screen mesh sizes can be customized to material characteristics.



◆ Selection notes: please provide material properties (particle size, bulk density, flowability, flammability), bag specification, hourly feeding rate and the interface type of downstream equipment. Our engineers can provide selection calculations.