



Weighing Hopper — CZLC Series

A metering storage hopper fitted with load cells and a weighing module: it meters the weight of powder in the hopper in real time and precisely, enabling inventory management, batching and process control. Manufactured in 304 / 316L stainless steel with volumes from 25L–5000L available as custom builds, mirror-polished internal walls with radiused transitions and no dead corners, and an anti-deformation structural design for a service life of more than 10 years.

- ◆ Load cells + weighing module for real-time precision metering, accuracy up to $\pm 0.5\%$
- ◆ Vacuum feeding in / discharge out, low dust and no material loss
- ◆ Pneumatic vibrator breaks arches and assists flow, preventing bridging for smooth discharge
- ◆ Stable leg structure, can be floor-mounted directly with a weighing module
- ◆ Optional CIP spray ball for in-line cleaning and high-pressure washdown compatibility
- ◆ Can interface with mixers, packing scales, elevators, reactors and other equipment



IBC Mobile Container — IBC Series

Intermediate bulk containers (IBC) for the storage, mixing, transfer and transport of powders and granules: a whole batch of material moves with the container through successive production stages, eliminating frequent decanting and providing dust protection, cross-contamination prevention, no segregation and no material loss. High-precision polished internal walls with large-radius 304 / 316L stainless steel and no dead corners meet pharmaceutical and food industry requirements, and polyurethane castors protect cleanroom floors.

- ◆ Whole-batch material transferred as one unit, no decanting between process stages
- ◆ Ball valve hygienic discharge + silicone sealing cover with mis-operation prevention
- ◆ Austenitic 304 stainless steel with radiused internal and external surfaces and no dead corners
- ◆ Can interface with mixers, tablet presses, lifting feeders and other equipment

Volume (L)	Wall Thickness (mm)	Diameter (mm)	Height (mm)	Inlet	Outlet
200	2.5	600	850	DN125	DN150
400	2.5	800	1150	DN150	DN200
600	3	900	1350	DN150	DN200
800	3	1000	1450	DN200	DN200
1000	3	1100	1550	DN200	DN250
1200	3	1200	1635	DN250	DN250

Application notes: The weighing hopper suits precise metering, inventory management and batching integration at fixed workstations; the IBC mobile container suits clean whole-batch transfer between process stages. The two are often combined with mixers and vacuum feeders into a closed 'one material, one container' production pattern, serving the pharmaceutical, food and fine chemical industries.