

Counting and Weighing Systems LZ100

With the Lauper LZ100 counting and weighing systems, your components are counted with a comparative scale - based on the Lauper LQX100 control unit - and packed into bags with a packaging machine. For the most even flow of parts, a weighing system consists of one or even several conveyor stages. The LZ100 systems can be well combined with components from the LW100 bowl feeder. We will be pleased to advise you on your project.

Examples of Counting and Weighing Systems



Picture 1: LZ100 - Counting and Weighing System, compact design with optimized accessibility



Picture 2: LZ100 - Counting and Weighing System, "simple" horizontal conveyor with coarse and fine dosing



Picture 3: LZ100 - Counting and Weighing System, compact construction of a LZ100



Picture 4: LZ100 - Counting and Weighing System with an additional bowl feeder and a LV300 packaging machine.

Functionality

The bulk components are separated from each other by horizontal conveyors and conveyed to the weighing funnel. Coarse and fine dosing allow very accurate counting. The required number of pieces is determined by means of a comparative weight. The weighing funnel transfers the components to the LVX packaging machine for packing and further transport. A housing around the weighing funnel protects the measuring technology from external influences, improves counting accuracy and guarantees consistent results.

Noise Canceling and Wear Protection

In addition to the housing, plastic plates in the hopper and tube reduce noise and also prevent wear of the hopper and tube.

Mechanical Engineering

We design your system according to your needs. We pay attention to a compact and space-saving installation, as well as simple operation and good accessibility.



Picture 5: The weighing hopper is protected from external influences by a housing. As a result, in addition to noise reduction, counting accuracy is increased.



Picture 6: Compact design of a LZ100 complete system with good accessibility. The installation and arrangement is individually adapted to your needs.

Contact

You can obtain price information and competent advice from our representative in your country. All information can be found on our website in the distributors area.

We look forward to every inquiry and will be happy to help you find the best packaging solution with you.