



MICRO DOSING SYSTEMS

Charging/party system is applied industrially in feed production. When calculating the capacity of the system, the amount of weighing and the number of charging/parts made in unit time are very important. Dosing; It is the process of weighing the raw materials and/or products in the ration at the desired rates with a certain order.

ALTINBILEK Micro Dosage Systems; low amounts of vitamins, minerals, etc. It is specially designed to the extent appropriate, while ensuring precise and serial weighing of raw materials.

We divide the system into three main groups.

Micro Storage Cells

Feed Conveyors

Micro Weighing Unit

Different methods can be applied depending on the request for entry into the system. Manual filling, conveyors can be loaded with conveyors, pneumatic transport, big-bag hanging and transport units. Micro storage cells have sensor connection kits on the inlet caps. Electromagnetic lock systems are also applied if requested.

Helicon conveyors are used in different diameters and transmission speeds depending on the sensitivity and capacity in the feeding of the weighing. In each cell output, helicon conveyors of different capacities are also applied in a row in accordance with the feeding time and capacity. Final posture leaks are prevented with the help of pneumatic actuator butterfly valves at the weighing cell outputs of the helicon conveyors.

Micro weighing units are indexed in different sizes depending on capacity and number of cells. Micro scales are produced in rigid and balanced structure. Large-scale pneumatic caps or butterfly valves with pneumatic actuators are used for the discharge to be serial and easy at micro scale outputs. The weighed raw materials are taken to the lower bunker in the capacity suitable for the system. Natural flow or U-type conveyors are then used for transmission to mixers or suitable processes.

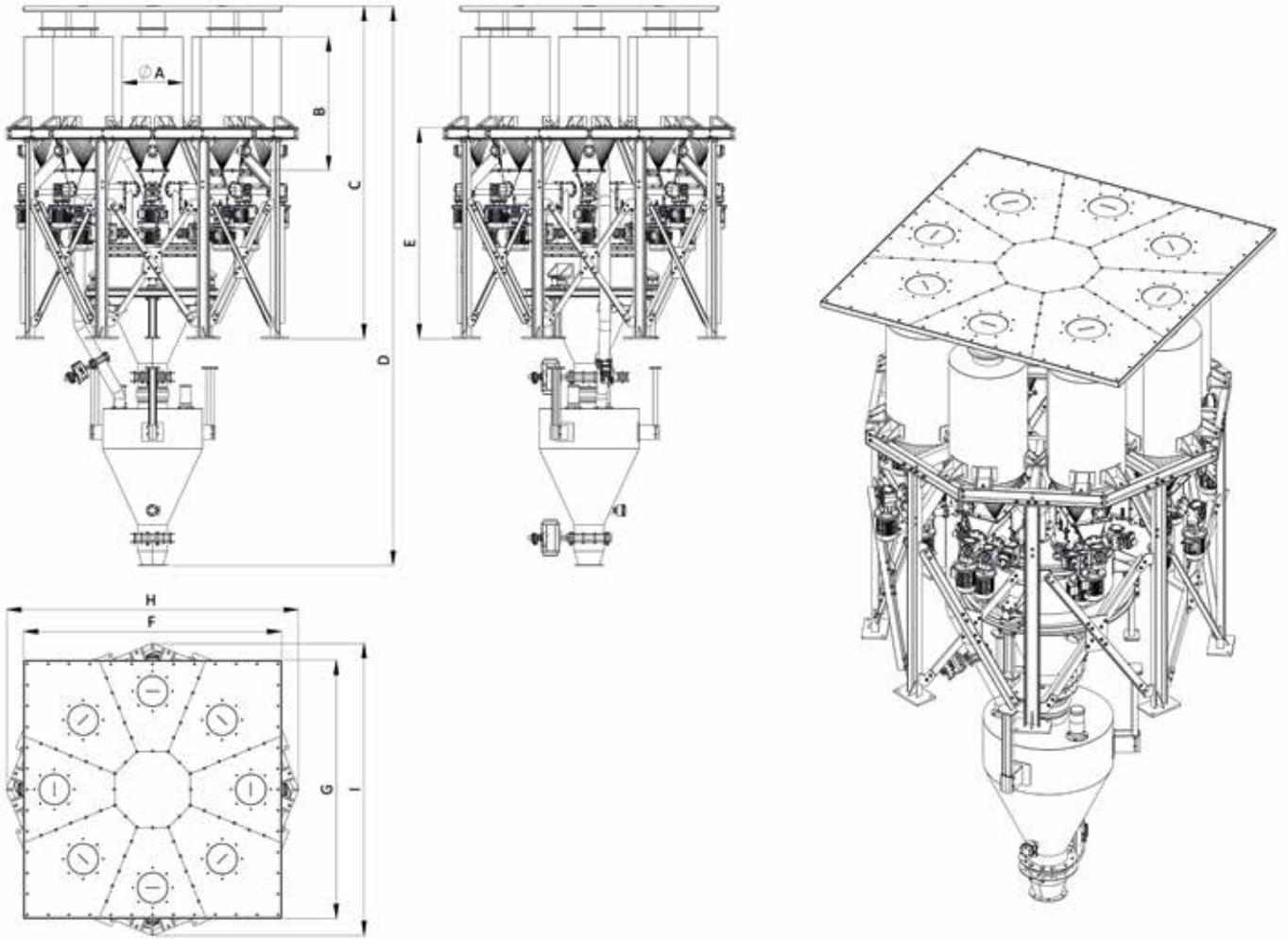
Precise weighing of raw materials with correct rankings is the most important process in ensuring the desired production quality. Perfect compatibility of mechanics and electronics is ensured for accurate and precise weighing. When consecutive charges are considered, the fact that the micro-dosage scale was completely emptied in the previous production is important in terms of time and quality product. The body surfaces of the Gold Wrist Micro Dosage Cantars designed for this are laid at a smooth and horizontal angle. Altinkek produces micro dosage systems of all scales depending on the number of micro cells in your projects and the desired minimum/maximum weighing capacities. Altinkek Micro Dosage Systems provide ease of shipment and installation as well as modular structure. Electronic load cells suitable for weight and construction are used for weighing. We unique our designs to suit your system, taking into account the raw materials of different specific gravity and different flow characteristics. We set standards with our robot welding machines, which are the highest version of technology in our production, and increase the strength of our products with our electrostatic powder coating system.



Designs and dimensions are subject to change without notice. It can be done up to 16 cells in accordance with the project.



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| Type | Silo Valume (m ³) | Silo Pieces | Dimensions (mm) | | | | | | | | | | |
|----------|-------------------------------|-------------|-----------------|-----|-----|------|------|------|------|------|------|------|------|
| | | | A | A' | B | C | D | E | F | G | H | I | |
| Circular | MDDC04 | 0,5 | 4 | 637 | - | 1709 | 4000 | 5113 | 2552 | 2320 | 2320 | - | - |
| | MDDC06 | 0,5 | 6 | 637 | - | 1709 | 4000 | 5113 | 2550 | 2520 | 2520 | - | 2618 |
| | MDDC08 | 0,35 | 8 | 637 | - | 1408 | 3500 | 5888 | 2220 | 2720 | 2720 | 3075 | 3075 |
| Cubic | MDKC10 | 0,3 | 10 | 513 | 650 | 1333 | 4300 | 6733 | 3106 | 2670 | 2220 | 2864 | 2769 |
| Comb | MDPC | 0,3 | 10 | 745 | 475 | 1501 | 4000 | 5978 | 2795 | 3020 | 3020 | - | - |

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