

MAFU Conveyor Bin System



With the MAFU conveyor bin system, regular conveyor systems can be retrofitted to become automated feeding systems. Through the unrestricted choice of bin fill capacity and the adaptable filling dosage, the most varied applications can be reliably and consistently supplied with parts, thus guaranteeing a smooth production process.

The MAFU conveyor bin system offers the following advantages:

Cost effectiveness:

Through the unrestricted choice of bin fill capacity, refill intervals can be increased and in this way the cost effectiveness of the system is heightened by reducing idle time.

Reliability:

In combination with control units and fill level sensors, as well as through extremely maintenance-free bins, conveyor systems can be supplied with parts automatically and reliably.

Quality:

Through easy-to-dose filling of the system's bins and the use of appropriate materials, workpieces can be gently and safely stocked and conveyed.

Ergonomic design:

As a result of its construction, the MAFU conveyor bin system can be filled simply, with minimal expenditures of time and effort.

Field of Application:

Feeding Technology:

Stocking and supplying of parts for sorting and conveying systems in order to raise production autonomy.

Sectors:

- Machining industry
- Automobile industry
- Electrical industry
- Electronics industry
- Plastics industry
- Furniture industry
- Medical sector
- Pharmaceutical industry
- Cosmetics industry
- and many more

MAFU conveyor bin systems can be employed in a multitude of manufacturing operations and sectors, and, through the integration of clever systems solutions from MAFU, can considerably increase the level of autonomy of different processes. There are practically no set boundaries.

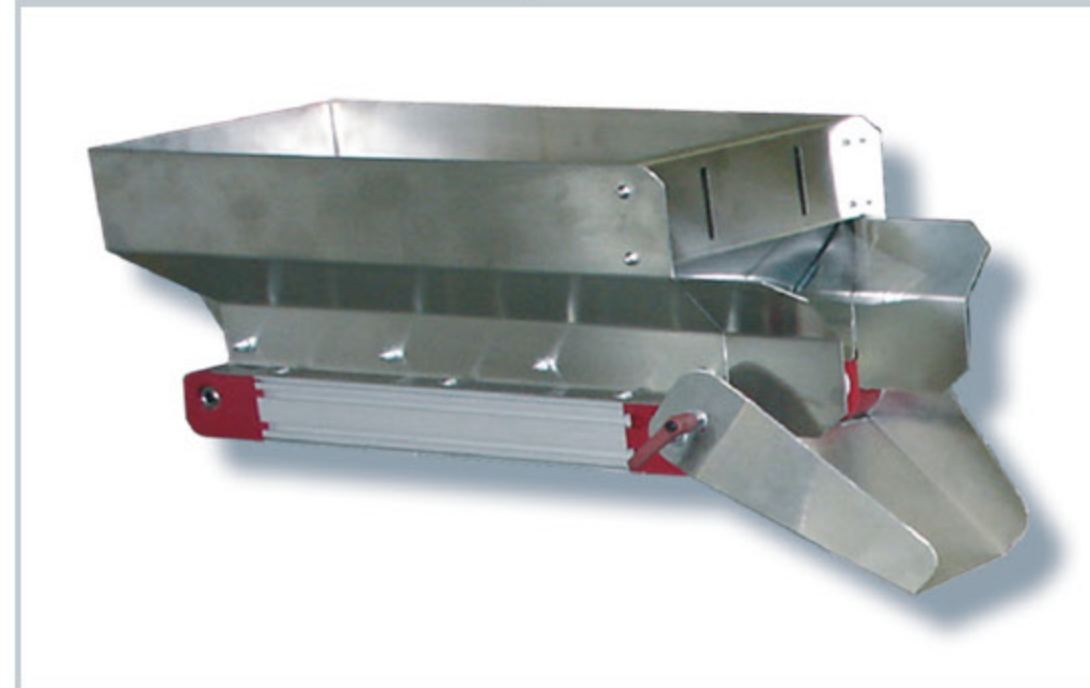
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Belt-driven Bin

MAFU belt-driven bins serve to stock and fill MAFU disentangling, sorting, and feeding systems with small- to middle-sized workpieces thus raising their autonomy, and at the same time achieving shorter idle times for filling. By means of measured filling of the system, workpieces can be gently and carefully handled, and at the same time, the noise level in, for example, spiral conveyors, can be reduced.

Depending on the wishes and requirements of the customer, MAFU belt-driven bins can be made in different sizes and of various materials.



Special Bin

For special uses, depending on the parts to be stocked, the purpose, and the installation site, MAFU can build special bins. Appropriate adaptations for fill capacity and conveyance system (e.g. chain-driven conveyors, belt-driven conveyors, vibration conveyors, etc.) can be made. Designs already on hand can be resorted to, or completely new solutions can be found.



Steep Conveyor

MAFU steep conveyors serve as bin and conveyance systems, with which, above all, middle- to large-sized parts can be dosed out from the bulk goods bin at the required height and conveyed, in the proper position, to the corresponding feeding unit.

MAFU steep conveyors are, with respect to their size, fill capacity, and materials used in their construction, adapted to the requirements of the customer so that even specialised uses, such as feeding in clean rooms, represent no problem whatsoever.



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