

MAFU Drum Basic Unit with Removable Drum

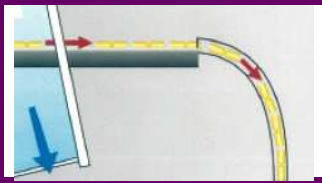
Basic Unit with Removable Drum

DRUM

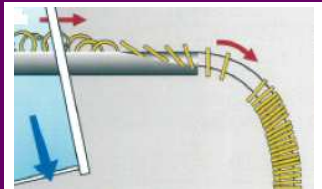
The MAFU Drum is a feeding system that allows the gentle and efficient detangling and feeding of all size of parts, such as springs, pins, clips, rings, parts, and more. From parts introduced in bulk, MAFU Drum can separate, orient and feed one at the time directly to the assembly point.



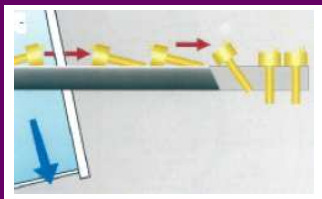
Feeding Options:



Feeding through tubes: Small parts, for example, springs, pins, sleeves, and all parts whose geometric form allows an end-to-end orientation are delivered through a feeding tube.



Threading on rails: Small parts, for example, circlips, wire snap rings, and various bent-wire parts whose geometric form allows threading on a rail.



Hanging: Small parts, for example, screws, rivets, nails, and other parts whose geometric form and center of gravity allow hanging of part and fed to point of assembly.

Based on technical concept, the MAFU Drum has many feeding, separation and presentation variations that can be combined in ways that will satisfy the diverse and specific requirements of our customers.

In this way, for example, depending on the desired feeding performance, part size and geometry, a feeding system with up to 43 tracks can be realized, and separation as well as presentation can be adapted to the desired level of automation.

The MAFU Drum offers the following advantages:

Flexibility: Owing to the underlying technical concept and available upgrade options such as diverse testing, parts storage, and separation systems, the MAFU Drum accommodates a multitude of requirements and parts.

Its high conveyance performance, the high level of automation that is possible, as well as its durability and low energy consumption make the Drum a highly economical solution.

Quality:

Based on its minimal vibration (90% less vibration in comparison with a spiral conveyor), parts can be gently detangled and fed, thus enabling processing of sensitive parts as well.

Easy operation / Ergonomic design:

Even without noise insulation, the Drum operates quietly, and owing to its size, does not require much space, thereby allowing installation anywhere.

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