



MERZ SYSTEM
Verpackungsmaschinen

MICRO TABLET DOSING UNIT

MTD325

for counting and dosing small, uniform tablets



RANGE OF PRODUCTS



SMALL UNIFORM TABLETS

for pharmaceutical and chemical applications – Amount per dosing is freely adjustable - up to 3500 tablets per minute depending on the product and amount per dosing!

AREAS OF APPLICATION



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Since 1971
Made in Germany

DESCRIPTION OF OPERATION

The tablets are fed to the dosing unit from a hopper via a vibrating chute. The dosing unit consists of 2 dosing discs that dose simultaneously into the filling tube of the packaging machine. As the tablets fall through, they are counted by two independent counters. The second counter is used to check the first. Shortly before the selected number of tablets is reached, both disks are slowed down and dispense directly at a reduced speed until the exact number of tablets has been reached. The counted tablets are dispensed onto a closed pusher and once the set number of tablets has been reached, the tablets are dropped into the stick by opening the pusher. From this point on, the pouch machine can perform its next cycle independently of the dosing process and the cycle starts again from the beginning when the pusher is closed.

TECHNICAL DETAILS

- compact, robust, durable design
- all product touching parts are out of stainless steel or another approved material
- all product-contacting parts can be removed without tools
- quick and easy cleaning
- fast format change
- little maintenance
- the dosing unit corresponds to the current CE guidelines

TECHNICAL DATA

Ideal tablet size: Tablet can be placed in sphere 3.3 mm, proportions diameter x height 1:1, other tablet sizes on request.

Lanes	1 Lane
Output	up to 3500 tablets/min*
Colour standard	stainless steel - Alu
Weight	80 Kg
Wattage	0.5 KW

* depending on the product and amount per dosing

