

mvtf, Vibratory tablet feeder



mvtf

General Description

The MEDIPAC mvtf vibratory tablet feeder is designed to be installed together with the medipac mf range tube filling machines. It can feed tablets from bulk or act as an intermediate buffer between the tablet press and the tube filler.

This vibratory tablet feeder is fully GMP-conform and can deliver a nominal capacity corresponding to 140 tubes/min with 20 tablets per tube.

The feeder also sorts out pieces of broken tablets and dust.

Function

Tablets are filled as bulk goods manually by the operator or fed from the tablet press into the hub on the tablet feeder. If the feeder is implemented on-line with the press it allows the press to operate further for more than one minute if the tube filling machines stops.

The tablet feeder is designed so in several layers in order not to create too much pressure on the tablets in the hopper. Thus the feeder is very suitable for fragile products like effervescent tablets.

Further on is the feeder equipped with a dust trap which is specially adapted to the size of the tablet to feed. Thus can the dust trap also sort out broken tablets that are collected in a waste bin together with the dust that has been separated from the tablets.

The feeder is available in three sizes, adapted to the mf35, the mf70 and the mf140 tube filling machine.

Technical Data

Format range		Machine data	
		Capacity	Tablets corresponding to up to 140 tubes per minute with 20 tablets per tube.
Tablet diameter:	14 - 33 mm	Voltage:	400 (230) V and earth, 50/60 Hz
		Power:	0,24 (0,035) kW
		Compressed air	none
		Weight	Approx. 50-100 kg

Please observe that the above-mentioned format range can be handled only with more than one set of format parts. Ideal production conditions are temperatures of 18-20 °C and a relative humidity of 20-25%. Materials used are stainless steel (2333), aluminium (4212), Delrin (POM ACETAL) Teflon or Makrolon.