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Tablet Presses/Tablet Dedusters Lock and Pharma Technology Combi 1200

Images




Product details

Category:	Sold
Machine:	Combi 1200
Machine code:	IT402
Manufacturer:	Lock and Pharma Technology
Year of construction:	2004

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Description

TABLETS DEDUSTER The "Combi" from Pharma Technology allows vertical dedusting and deburring of any type of tablet. The continuous vibration creates a vertical ascent of the products. The height of the deduster can vary in direct relation to the required outlet height. The “Combi” dust cleaners are equipped with a metal particle detector. As metal particle detectors are very sensitive to vibrations, the vibrating parts of the deduster are isolated from the fixed parts of the frame. This enables optimum precision to be achieved as a 0.5mm stainless steel spherical part in products. A high-speed reject mechanism instantly rejects non-conforming products. The construction of this special frame saves space in the production room and reduces holding areas. Furthermore, the tablet circuit is therefore totally closed between the inlet to the deduster and the outlet of the metal.
METAL DETECTOR : The MET 30+ detector uses the latest advancements in digital signal processing, ensuring complete product integrity. The detector can store up to 100 sets of automatic product configuration settings in memory. The MET 30+ detector is capable of detecting and rejecting ferrous, non-ferrous and non-magnetic stainless steel. A penetrating electromagnetic field is generated within the detector head, and any metallic contaminants within the detector specification will distort the electromagnetic field and be detected no matter how deeply embedded in the product. Upon detection, a reject relay is activated, this relay is used to switch the automatic reject device, which rejects the contaminated product. 3.1 Sensitivity of detection The sensitivity of a metal detector is governed primarily by the size of the opening through which the product passes and is particularly dependent on the minimum dimension of that opening. Therefore, to obtain high sensitivity in a given product, the aperture size must be kept as small as is convenient, leaving enough space around the product to avoid blockages. To overcome discrepancies due to the shape of a metal sample, sensitivities are always quoted in terms of spherical sample diameters. This is known as "Spherical Sensitivity”