60 YEARS
Providing Solutions for the Pharmaceutical Industry.

DEDUSTER®

High-Performance vertical vibratory deduster

Developed by Riva, the Deduster is suitable for the removal of non-compacted powder on the tablets by means of a vibration process. The components are manufactured in corrosion-resistant AISI 316 stainless steel, in compliance with the cGMP standards. With adjustable vibration power, easy assembly and disassembly, and easy to use and sterilize, the process begins by dropping the tablets into the lower deduster channel. They are deposited at the bottom of the vessel and, by means of vibrations, the tablets move turning counter-clockwise, and they are conducted to the lower perforated ring.

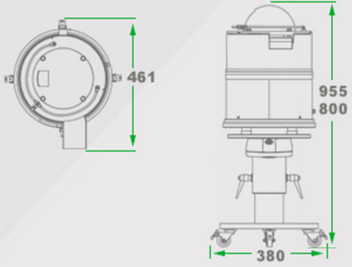
As the tablets move through the ring, the loose powder particles on the surface of the tablet are detached, and the powder is swept by the air current injected through the lid and suctioned through the nozzles at the base to ensure powder removal.

The tablets move through four upstream perforated rings, and the joint on each of them has a step that allows the tablets to turn onto the face that it transported itself on the previous ring.

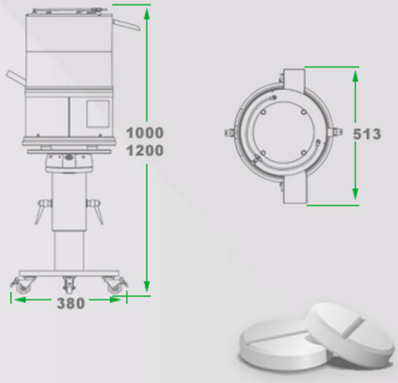
The tablets leave the deduster from its upper part through the tablet chute, causing their exit to be at a higher level than that at which they begin the process.

Technical Data	
Power comsumption	300w
Compressed Air Pressure	2 bar
Vacuum Flow	45 m³/h
Production	250.000 T/H
Adjustable Outlet Height	Min 880mm / Max 1060mm
Adjustable Inlet Height	Min 720mm / Max 900mm
Net Weight	120Kg
Maximum tablet diameter	24mm

LOW MODEL



TALL MODEL



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