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YEARS
*Providing Solutions
for the Pharmaceutical Industry.*

MINIROLL®

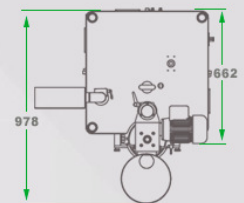
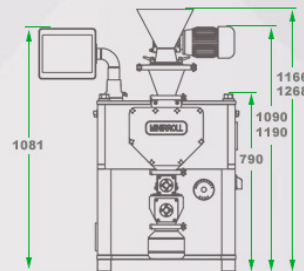
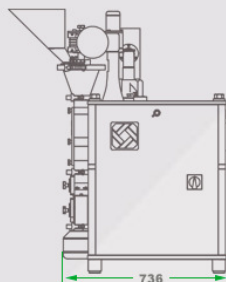
Lamination and granulation for your products.



Designed to laminate and/or granulate powder products for Research & Development or small production batches, the Miniroll has a tubular structure manufactured in hard chrome-coated steel, with a load hopper, an extrusion force feeder that extracts the air trapped inside the powder, a gripping area and lamination, cutting and granulating rolls. With a compact design, the Miniroll compression area is isolated; the size of the granulate particles can be modified as desired by adjusting the speeds of the cutting and granulating rolls, or by replacing the mesh size. Thanks to the simplicity of its front assembly manufacture design, the rolls can be easily and quickly changed. The PLC that is provided with the equipment controls the start and stop algorithm sequentially for the three motors powered by independent frequency converters. The parameters they control, both for the motor speeds and the compression force of the rolls, can be stored as files, with a maximum capacity for 99 products. The machine operates with a single-phase current, and a hydraulic electrical pump is provided to regulate the compression force from the control board. The limits of its processing capacity range between 0.5 kg and 20 kg. Manufactured under GMP guidelines and premium quality materials, this machine provides an effective development area with a high added value.

Technical Data

Rolls rotation speed	6-16 RPM
Hydraulic pump maximum pressure	80Kg /cm2
Cooling water	10L /min
Powder processing capacity	0.5-20Kg/h
Compression force on the cylinder	3000Kg
Power installed	2kW
Net weight	470Kg



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