

RTP 41[®] (Standard) Rotary Tablet Press



Sophisticated and beautifully engineered, the RTP 41[®] is the ultimate in safety, speed, and features. With a 5.5 kW motor, 80 kN of available pressure, an optional bilayer capacity, the ability to produce tablets up to 12 mm in diameter in special shapes and with carved characters or motifs, semi-automatic lubrication, blistering fast production, and all electronic controls, this tablet press is in a class entirely of its own. Ideal for major manufacturers in the pharmaceutical, chemical, and food technology industries, this machine's 41 cutting heads can produce in the region of 180,000 tablets an hour, making it a true mass production unit.

The care taken at the design stage of this tablet press has been thorough and comprehensive, with everything possible done to improve speed and efficiency and reduce downtime. From its GMP compliant stainless steel manufacture, to the special refinements that reduce powder wastage and cut maintenance, the RTP 41[®] tablet press has been created to mass produce pharmaceutical quality tablets at a competitive unit cost and in quantities that will meet the demands of even the largest manufacturers.

Main Benefits of the RTP 41[®]

- GMP-compliant with stainless steel construction for hygiene and durability
- 80 kN pressure for top quality tablets
- Double color option
- Produces over 180,000 tablets an hour
- Tablets can be up to 12 mm diameter including special shapes
- Automatic pressure overload cut-out mechanism for enhanced safety
- Innovative semi-automatic lubrication system cuts maintenance time and avoids wear and contamination
- Powder suction unit recycles extraneous powder increasing efficiency, reducing wastage and avoiding blockages

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Specifications

Product	RTP 41 [®]	RTP 41 [®]	RTP 23 [®]
Number of dies	41	41	23
Tooling specification	RTP tooling	Euro BB tooling	Euro D tooling
Max pressure (kN)	80		
Max diameter of tablet (mm)	12	13	25
Max fill depth (mm)	15		
Max thickness of tablet (mm)	6		
Turret speed (r/min)	14-37		
Max production capacity per hour	182,040	182,040	102,000
Number of filling stations	2		
Double layered tablet	On request		
Power USA	220 V; 3 phase Delta Δ; 5.5 kW; 60 Hz		
Power UK	440 V; 3 phase Delta Δ; 5.5 kW; 50 Hz		
Dimensions (mm / in)	1670 mm x 950 mm x 1230 mm 65.7 in x 37.4 in x 48.4		
Weight (kg / lbs)	1676.5 kg / 3,696.1 lbs		