



PHARMA MACHINERIES



RIDDHI PRESS MARK-IV

RIDDHI PHARMA MACHINERY LTD.

Manufacturer & Exporters of Pharmaceutical Machineries

OFFICE: MUMBAI Om-Shivam Bldg., 2, Tarun Bharat, Sahar Rd, Andheri(E), Mumbai-400 099. Maharashtra, India.
Tel.: 91-22-2832 1332 / 2838 9432 Fax: 91-22-2838 2479 Res : 91-22-2683 3777, Mob: 98210 18579

E-mail: hitenkshah@hotmail.com / hitenks@vsnl.com **Website:** www.riddhipharma.com

FACTORY : Riddhi Estate, Gulab Nagar, Opp. AEC, Amraiwadi, Ahmedabad-380 026. India.
Tel.: 91-79-2740683/737 Fax : 91-79-22740737/26427963 Mobile : 94263 72646

RIDDHI PRESS - IV HIGH SPEED DOUBLE ROTARY TABLET PRESS (WITH PRE-COMPRESSION)

® AVAILABLE MODELS :

45 STN. D - TOOLING
55 STN. B-TOOLING
61 STN. BB-TOOLING
75 STN. BB-TOOLING

® SALIENT FEATURES :

1. It is a high speed Rotary tablet press for higher table output, suitable for large batch production.
2. Machine is having a square design with total consideration of GMP standards.
3. All the tablet parameters can be fine tuned during the operation of the machine from front side which are at outside the machine, having SEIKO type dials.
4. The machine is having elegantly designed cabinet top of SS-304.
5. The machine is having round hoppers of SS-304 with Butterfly valve.
6. The machine is having Pre-compression feature.
7. The machine is equipped with A.C. variable frequency drive for the main motor.
8. Machine is also having A.C. variable frequency drive for force feeding motors, which enables operators to synchronize machine's speed & feed both.
9. The machine is having Electromagnetic clutch arrangements.
10. The machine is having one piece turret of special grade casting. However, three piece turret with SS-304/SS-316 middle plate is also available (optionally). Electro less nickel plating can also be available to the turret (optionally).
11. Lower punch seals are provided at lower punch hole in turret (optionally).
12. The machine is having Helical gear ring to drive the turret.
13. The machine is having hard chrome plated, MS Fabricated upper roll carriers.
14. The machine is having BALL BEARING TYPE upper & lower pressure rolls.
15. The machine is having specially designed pressure Link Assy. Which ensures sufficient & equal pressure to the tablets.
16. The machine is having tablet weight consistency.
17. The machine is having sturdy Aluminium section framed, Polycarbonate guards with SS Hinges & Handle & are also fitted with Gas Filled – Shock absorbers.
18. The lower guard of the machine are of SS-304 material having excellent matt finish.
19. All guards are interlocked for safety.
20. The machine is having auto lubrication system.
21. There is no colour part in tablet manufacturing zone & all other parts are either of SS-304 material or Gunmetal or of hard chrome plated. All Hardware are used of SS-304 quality in tablet manufacturing zone.
22. The machine is having box type Detachable control panel having all electrical controls on the top. Acrylic cover is also provided to protect the controls from the dust.
23. The machine is having center Drive Type Gear Box.
24. The machine is having Hydraulic Power pack for pressure loading and overload release.
25. A Hydraulic Gauge is also provided on lower guard for easy view.
26. The machine is having anti vibrating mounts.
27. The machine is having excellent bottom driven force feeding system for material feeding. However, Gravity type feeding also can be provided. (optionally)
28. Two layer attachment can also be provided. (optionally)
29. The machine is having excellent paint, inside wherever it is required.
30. The machine has been designed as to minimize the change over time. The weight adjustment section is easily removable which provides good access for the removal/replacement of lower punches & dies, away from compression zone.

® TECHNICAL SPECIFICATIONS :

<u>Models</u>	<u>RDIVD-45</u>	<u>RDIVB-55</u>	<u>RDIVBB-61</u>	<u>RDIVBB-75</u>
Tooling	D	B	BB BB	
No . Of Stations	45	55	61 75	
Max . Output (Tab/hr)	325,000	396,000	497,000	540,000
Max . Operating Pressure(Main)	100 kN	65 kN	65 kN	65 kN
Max . Operating Pressure(Pre-Comp.)	10 kN	10 kN	10 kN	10 kN
Max . Tablet Dia	25 mm	16 mm	11.1 mm	11.1mm
Max . Depth of Fill	20 mm	17.4 mm	17.4 mm	17.4mm
Upper Punch Entry	2 to 8 mm	2 to 8 mm	2 to 8 mm	2 to 8 mm
Main Motor	10 HP / 7.5 kW / 3 PHASE / A.C.			
Force Feeder Motor	0.25 HP / 8.75 kW / 3 PHASE / A.C.			
Total Power Cons.	12 HP / 8.75 kW / 3 PHASE / A.C.			
Overall Dimensions	172 x 162 x 192(H)(Cms.) Approx.			
Net Weight	3750 Kgs. Approx.			
Σ Output Depending upon the characteristics of material and shape & size of tablet				