

RIDDHI PRESS-IV (45 D TOOLING - 75 BB TOOLING)

RIDDHI PRESS - IV

GMP Model



Models	RDD-45	RDB-55	RDBB-69	RDBB-75
Tooling	D	B	BB	BB
No . Of Stations	45	55	69	75
Max . Output(Tab/hr)	3,25,000	3,96,000	4,97,000	5,40,000
Max . Pressure(Main)	10 Tons	6.5 Tons	6.5 Tons	6.5 Tons
Pre-Compression	1 Ton	1 Ton	1 Ton	1 Ton
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
Main Motor	10.HP.3 .A . C.	10.HP.3 .A . C.	10.HP.3 .A . C.	10.HP.3 .A . C.
Total Power	12.HP.3 .A . C.	12.HP.3 .A . C.	12.HP.3 .A . C.	12.HP.3 .A . C.

· Depending upon the characteristics of material and shape & size of tablet

- PLC operational controls (optional)
- Sturdy & outstanding engineering design to meet large batch production.
- AC variable frequency drive for main and feeder motor.
- Synchronization port for turret RPM and feeder RPM
- Designed for quick changeover.
- Built in pre-compression and force feeder.
- Easy front controls for tablet weight hardness and pre-compression.
- Inbuilt Control Panel.
- Hydraulic pressure overload mechanism.
- Guards with interlock with transparent acrylic frameless guards.
- Auto lubrication with fine turning valve and timer

RIDDHI PRESS-II (37 D TOOLING - 61 BB TOOLING)

RIDDHI PRESS-II

GMP Model



Models	RDD-37	RDB-45	RDBB-55	RDBB-61
Tooling	D	B	BB	BB
No . Of Stations	37	45	55	61
Max . Output (Tab/hr)	2,22,000	3,24,000	3,95,000	4,38,200
Max . Pressure	10 Tons	6.5 Tons	6.5 Tons	6.5 Tons
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
Main Motor	7.5HP.3 .A . C.	7.5HP.3 .A . C.	7.5HP.3 .A . C.	7.5HP.3 .A . C.
Total Power	9.5 HP.3 .A . C.	9.5HP.3 .A . C.	9.5HP.3 .A . C.	9.5HP.3 .A . C.

• Depending upon the characteristics of material and shape & size of tablet

- High Speed tablet press with outstanding engineering, performance and reliability.
- Front and easy outside controls.
- AC variable frequency drive for main and feeder motor.
- Inbuilt Control Panel.
- Hydraulic pressure overload mechanism.
- Auto lubrication with fine turning valve and timer
- Simple and convenient operation, operator protection, cleanliness and ease of maintenance.
- Outside controls for tablet weight and hardness.

DOUBLE ROTARY TABLET PRESS RMB4 (27 D TOOLING - 45 BB TOOLING)

RIDDHI PRESS

RDMD - 4



TECHNICAL SPECIFICATIONS :-

Models	RDMD4-27	RDMB4-35	RDMB4-45
No. of Stations	27	35	45
Type of Tooling	"D"	"B"	"BB"
Output Tablets Per Min.	900-2268	1167-2940	1500-3781
Max. Depth of Fill	17.5mm	17.5mm	17.5mm
Max. Tablet Diameter	25 mm	16mm	11mm
Max. Upper Punch Entry	8mm	8mm	8mm
Min. Upper Punch Entry	1.5mm	1.5mm	1.5mm
Max. Operating Pressure	6.5 Tons	6.5 Tons	6.5 Tons
Main Motor	5HP/1440 RPM / 3Ö	5HP/1440 RPM / 3Ö	5HP/1440 RPM /3Ö
Overall Height	1790mm	1790mm	1790mm
Overall Width	1000mm	1000mm	1000mm
Overall Depth	1040mm	1040mm	1040mm
Net Weight	1143 Kgs.	1143 Kgs.	1143 Kgs.

Depending upon the characteristics of material and shape & size of tablet

- Redesigned variable speed pulley.
- Separate centre pillar of C.I. graded casting.
- Turret of C.I. graded casting.
- Very rigid Gun metal Feed frame (both identical) with sufficient height to avoid spill over powder.
- All columns, nuts and fly wheel rim are Electroplated.
- Turret with key slots, essential for shaped tooling provided on 27, 33, 35 & 37 station machine (optional on 41 & 45 station machine.)
- Central oil lubrication system with hand pump.

RIDDHI PRESS

Double Rotary Tableting Machine GMP Model



DOUBLE ROTARY TABLET PRESS (27 D TOOLING - 45 BB TOOLING)

Models	RDB3D-27	RDB3B-27	RDB3B-35	RDB3B-45
Tooling	D	B	B	BB
No . Of Stations	27	27	35	45
Max . Output(Tab/hr)	136.080	136.080	176.400	226.800
Max . Pressure	10 Tons	6.5 Tons	6.5Tons	6.5Tons
Max . Tablet Dia	25 mm	16 mm	16 mm	16 mm
Max . Depth of Fill	17.5 mm	17.5 mm	17.5 mm	11.1 mm
Electncals	3HP. 3 .A . C.	3HP. 3 .A . C.	3HP. 3 .A . C.	3HP.3 .A .C.

Depending upon the characteristics of material and shape & size of tablet

- With handwheel and Re-designed variable speed pulley.
- Turret of SG special grade casting.
- Sturdy and easy fit feed Frame.
- Central oil lubrication system with hand pump.
- Machine can be equipped to compress two-layered tablets (Optional)
- Totally enclosed design reduces noise level and to & flow of dust between compression zone and environment.
- Anti vibration mounting provided, hence no foundation required.
- Higher turret speed 15 to 42 RPM.
- Fly over on upper punch is provided to avoid the jumping of upper punches.
- Reverse direction motion protection is provided to avoid major accident.
- Imported needle roller bearing provided at the bottom of turret, which is immersed in oil for Frictionless rotation.
- Aluminium covers for rotor teeth.

RIDDHI PRESS

Single Rotary Tableting Machine GMP Model



SINGLE ROTARY TABLET PRESS (16 D TOOLING - 23 DB TOOLING)

Models	RDD3-16	RDD3-20	RDD3-23
Tooling	D	D	B/D Combined
No . Of Stations	16	20	23
Max . Output(Tab/hr)	40.320	50.400	57.960
Max . Pressure	10 Tons	10 Tons	10 Tons
Max . Tablet Dia	25 mm	25 mm	16 mm
Max . Depth of Fill	20 mm	20 mm	20 mm
Electncals	2HP. 3 .A . C.	2HP. 3 .A . C.	2HP.3 .A .C.

• Depending upon the characteristics of material and shape & size of tablet

- With handwheel and Re-designed variable speed pulley..
- Turret of SG special grade casting.
- Sturdy and easy fit feed Frame.
- Central oil lubrication system with hand pump.
- Totally enclosed design reduces noise level and to & flow of dust between compression zone and environment.
- Anti vibration mounting provided, hence no foundation required.
- Higher turret speed 15 to 42 RPM.
- Fly over on upper punch is provided to avoid the jumping of upper punches.
- Reverse direction motion protection is provided to avoid major accident.
- Imported needle roller bearing provided at the bottom of turret, which is immersed in oil for Frictionless rotation.
- Aluminium covers for rotor teeth

RIDDHI PRESS

12 Station Single Rotary Slugging & Compression Machine GMP Model



BOLUS / VETERINARY / 12 STN SINGLE ROTARY TABLET PRESS

Models	RD3SH-12	RD3SH-12
Tooling	Special	Special
No . Of Stations	12	12
Max . Output(Tab/hr)	15.840	15.840
Max . Pressure	12 Tons	12 Tons
Max . Tablet Dia	40 mm	40 mm
Max . Depth of Fill	30 mm	30 mm
Electncals	3 HP. 3 .A .C.	3 HP. 3 .A .C.

• Depending upon the characteristics of material and shape & size of tablet

- Hand wheel Provided.
- Turret of SG special grade casting.
- Sturdy and easy fit feed Frame.
- Central oil lubrication system with hand pump.
- Anti vibration mounting provided, hence no foundation required.
- Totally enclosed design reduces noise level and to & flow of dust between compression zone and environment.
- Fly over on upper punch is provided to avoid the jumping of upper punches.
- Higher turret speed 15 to 42 RPM.
- Reverse direction motion protection is provided to avoid major accident.
- Imported needle roller bearing provided at the bottom of turret, which is immersed in oil for Frictionless rotation.
- Aluminium covers for rotor teeth.

MINI PRESS- LAB MODEL TABLET PRESS - R & D TABLET PRESS

RIDDHI PRESS

Mini Press GMP Model



Models	RDB4- 10-I	RDD4-8-I	RDB4-10-II	RDD4-8-II
No . Of Stations	10	8	10	8
Tolling	B	D	B	D
Max. Output (Tab/hr)	18.000	14.400	18.000	14.400
Max . Pressure	4 Tons	4 Tons	4 Tons	4 Tons
Pre-Compression	1 Ton	1Ton
Max . Tablet Dia	16 mm	25 mm	16 mm	25 mm
Max . Depth of Fill	17.4 mm	17.4 mm	17.4 mm	17.4 mm
Electricals	1.5HP.Single .ac.	1.5HP.Single.ac.	1.5HP.Single.ac.	1.5HP.Single.a.c.

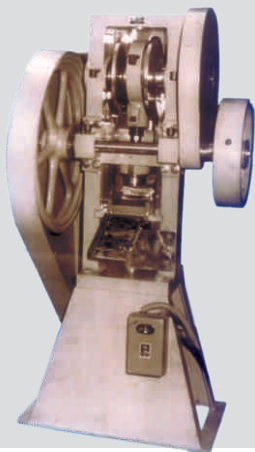
• Depending upon the characteristics of material and shape & size of tablets.

- Portable tablet press needs for compression of small batches.
- Designed to suit the needs of R & D sections and Pharmacy colleges.
- Drive from center Pillar by worm gearbox ensures perfect transmission
- Controlled by AC variable frequency drive.
- Turret fitted with thrust bearing at top & bottom.
- Equipped with inbuilt Pre-Compression and force Feeder (Lab Press II Machine)

HEAVY DUTY SINLE PUNCH TABLET PRESS UPTO 90 MM TAB. DIA

RIDDHI PRESS

HEAVY DUTY TABLET MACHINE 80 MM



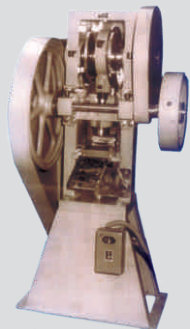
TECHNICAL DATA

Maximum size of tablet	: 100 mm (Special Size on Request & Order)
Maximum depth of fill	: 50 mm
Diameter of die	: 130 mm
Depth of die	: 90 mm
Maximum Stroke pressure	: 25-30 Tons app.
No. of strokes Per minute	: 20 to 25
Electric Motor	: 5H.P. /440V/50 CYLS/Phase/960 RPM
Lubrication	: Oiling and greasing nipples provided at Various points. Also available with Central Lubrication System at an additional cost.
Feed of Powders	: Gravitational
Stand	: Fabricated from MS Profile Spray Painted
Body	: Fabricated from MS Profile Spray Painted
Feed Frame	: Chrome Plated Gun Metal
Dies	: Made of HCHC/OHNS/EN38 Steel. One set of Dies Comprises of one upper punch, one Lower Punch and one die

SINLE STROKE TABLET PRESS UPTO 50 MM TAB. DIA

RIDDHI PRESS

SINGLE STROKE TABLETTING MACHINE



TECHNICAL DATA

Maximum size of tablet	: 50 mm
Maximum depth of fill	: 30 mm
Diameter of die	: 75 mm
Depth of die	: 40 mm
Maximum Stroke pressure	: 12 TO 15 Tons
No. of Strokes per minute)	: 30 TO 35
Electric Motor	: 2 H.P. / 440 V/50 CYLS/Phase/ 960 RPM
Lubrication	: Oiling and greasing nipples provided at Various points. Also available with Central Lubrication System at an additional cost.
Diameter of Plunger	: 60 mm
Feed of Powders	: Gravitational
Stand	: Fabricated
Body	: Fabricated
Feed Frame	: Chrome Plated Gun Metal
Dies	: Made of HCHC/OHNS/EN38 Steel. One set of Dies Comprises of one upper punch,One lower Punch and one die.



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