



PHARMA MACHINERIES



SINGLE ROTARY TABLETTING MACHINE GMP MODEL

RIDDHI PHARMA MACHINERY LTD.

Manufacturer & Exporters of Pharmaceutical Machineries

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SINGLE ROTARY TABLETTING MACHINE GMP - MODEL RDD3

SALIENT FEATURES FOR STD & GMP MACHINE

- Flywheel and Handwheel provided.
- Friction plate is provided on cam plate to minimise wear & tear of cam track which also facilitates its easy replacement.
- Re-designed Variable speed pulley.
- Separate Centre Pillar of Meehanite grade casting.
- Turret of Meehanite grade casting.
- Very rigid Gun-metal Feedframe with sufficient height to avoid spill over of powder.
- All Columns, Nuts and Flywheel rim are Electroplated.
- Central Oil Lubrication system with handpump.
- Pressure gauge provided to check compression load.
- Excellent finish, Accessibility for ease of cleaning, operation and Maintenance.
- Oil groove on top face of turret for collection of excess oil.
- Optional equipments like Dust Extractor unit and Deburring / De-dusting unit can be attached with the machine.
- Overload pressure release mechanism to give protection against excess pressure.
- Cam tracks and pressure rolls made out of alloy steel for maximum wear resistance and long life.
- Worm is made up of Phosphor Bronze.
- RDD3-23 station machine can compress D.S. tablet upto 19mm (3/4") in length.
- Turret with Keyslots essential for shaped tooling.
- Maximum Turret RPM for STD Machine is 30.

ADDITIONAL SALIENT FEATURES FOR GMP MACHINE

- Machine is totally enclosed, i.e. Top half of the machine (Compression zone) with S. S hood & acrylic covers and Lower half of the machine complete with Mat finished S.S. covers.
This reduces the noise level and to & fro flow of dust between compression zone and compression room.
- Antivibration mounting provided, Hence no foundation required.
- Large paint free compression zone with plenty of space for ease of cleaning & Accessibility of components.
- Electronic counter showing total output, output per minute, & RPM is provided on the control panel.
- Operating system same as standard machine and it is easy to operate and maintain the machine.
- Most of the components are common with the standard machine which reduces inventory of spares.
- Higher Turret speed upto 42 RPM gives higher output than standard machine.
- Upper punch dust covers are provided to avoid collection of dust on punch head.
- Maximum Turret RPM for GMP Machine is 42.

Technical Specifications for Single Rotary Tableting Machine

Machine Model	Type	Max Tab. Dia.	Max Depth Of Fill*	Turret RPM		Output Per Min. Nos.*	OP. Force In Tons	Tooling Type ♦		Motor HP 440V	Case Dimensions L x W x H Cms.			Net Wt. Kgs.	Gross Wt. Kgs.	Remarks Max Length of D.S.
				Min.	Max			Die	Punch							
RDD3-16	STD	23	20	16	30	260-480	10	D	D	2	120	127	183	980	1070	Max Dia. can be 25.4 mm on demand
RDD3-16	GMP	23	20	16	42	260-672	10	D	D	2	140	140	216	1070	1250	
RDD3-20	STD	23	20	16	30	320-600	10	D	D	2	120	127	183	980	1070	25 mm for DS tablet
RDD3-20	GMP	23	20	16	42	320-840	10	D	D	2	140	140	216	1070	1250	
RDD3-23	STD	16	20	16	30	370-690	10	B	D	2	120	127	183	980	1070	19 mm for DS Tablet
RDD3-23	GMP	16	20	16	42	370-966	10	B	D	2	140	140	216	1070	1250	

* Subject to the characteristic of the product ♦ 30 mm on demand at extra charges. ♦ D type .. punch/die dia 1" / 1 1/2" ♦ B Type Punch/die dia 3/4" 13/16"

OUR RANGE OF PRODUCTS

FOR COMPRESSION DEPT. :

- ♦ 10 Stn. Mini Press GMP
- ♦ 12 Stn. Slugging Machine STD/GMP
- ♦ 16/20/23 Stn Single Rotary STD/GMP
- ♦ 27/33/35/41/45 Stn Double Rotary STD/GMP
- ♦ 29/35/37/45 Stn Press GMP
- ♦ Dies & Punches
- ♦ 150/300 CFM Dust Extractor Units
- ♦ Dedusting & Deburring Unit.

FOR GRANULATION DEPT. :

- ♦ Mass Mixer
- ♦ Multi Mill
- ♦ Communiting Mill
- ♦ Tray Drier
- ♦ Fluid Bed Drier
- ♦ Roll Compactor
- ♦ Sifter

FOR COATING DEPT. :

- ♦ 12/18/24/30/36/42/48/60/72 inch Coating machine
- ♦ Polishing Pans for above M/c.
- ♦ Spraying System

FOR LIQUID / OINTMENT DEPT. :

- ♦ Colloid Mill-plain and water jacketted