



PHARMA MACHINERIES

SINGLE ROTARY TABLETTING MACHINE STD MODEL



RIDDHI PHARMA MACHINERY LTD.

CIN: U33112GJ1995PLC028504

Manufacturer & Exporters of Pharmaceutical Machineries

MUMBAI OFFICE: Om-shivam soc., Tarun Bharat Bldg. No.2, Opp. Cigaratte Factory, Sahar Road, Andheri (East), Mumbai - 400 099. Maharashtra, India Tel.: +91-22-28321332 / 28382479
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REGD. OFFICE & FACTORY : Riddhi Estate, Gulab Nagar, Opp. AEC, Amraiwadi, Ahmedabad - 380026. India.





SINGLE ROTARY TABLET PRESS

DESCRIPTION

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.

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SINGLE ROTARY TABLET PRESS

Technical Specifications for Single Rotary Tableting Machine

Machine Model	Type	Max Tab. Dia.	Max Depth Of Fill W	Turret RPM		Output Per Min. Nos.*	OP. Force In Tons	Tooling Type v		Motor HP 440V	Case Dimensions L x W x H Cms.			Net Wt. Kgs.	Gross Wt. Kgs.	Remarks Max Length of DS.
				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 25 mm for DS tablet 19 mm for DS Tablet
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	
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	
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 W 30 mm on demand at extra charges. v D type .. punch/die dia 1" / 1 1/2" v B Type Punch/die dia 3/4" 13/16"

OUR RANGE OF PRODUCTS

FOR COMPRESSION DEPT. : v 10 Stn. Mini Press GMP v 12 Stn. Slugging Machine STD/GMP v 16/20/23 Stn Single Rotary STD/GMP v 27/33/35/41/45 Stn Double Rotary STD/GMP v 29/35/37/45 Stn Press GMP v Dies & Punches v 150/300 CFM Dust Extractor Units v Dedusting & Deburring Unit.	FOR GRANULATION DEPT. : v Mass Mixer v Multi Mill v Communiting Mill v Tray Drier v Fluid Bed Drier v Roll Compactor v Sifter	FOR COATING DEPT. : v 12/18/24/30/36/42/48/60/72 inch Coating machine v Polishing Pans for above M/c. v Spraying System	FOR LIQUID / OINTMENT DEPT. : v Colloid Mill-plain and water jacketed
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