

SPECIFICATION :

MODEL	JC-RT-16H	JC-RT-20H		JC-RT-24H
Type of tooling	EU "D" IPT "D"	EU "DB"	EU "B" IPT"B"	EU "BB" IPT"BB"
Tablet diameter Max.	25.4mm 1"	19mm (caplet) (0.74")	16mm (0.625")	13mm (0.50")
Production capacity 60HZ tablets / hours *	17,000-69,000	21500-86000		25900-103000
Revolutions of turret / Min (60Hz)	18-72 RPM			
Depth of filling adjustable to	19mm (0.75")		17mm (0.67")	
Max. operation pressure	10,000kgs (22,000lbs)			
Max. pre-pressure	3,000kgs (6,600lbs)			
Diameter of die	38.1mm (1.5")	30.16mm (1.1875")		24mm (0.945")
Die of height	23.81mm (0.9375")		22.22mm (0.875")	
Nominal diameter of punch body	25.4mm (1")		19mm (0.75")	
Turret P.C.D.	253mm			
Power consumption	3HP (2.2kw)			
Machine dimensions	850x790x1710mm (not including hopper)			
Net weight	1200kgs (2646lbs)			

* Subject to the characteristics of the powder.

* The manufacturer reserves the right to modify the design, specification, etc., to improve the performance of the machine without notice. All the specification shown are just for reference.

STANDARD FEATURES:

- | | |
|------------------------|---------------------------|
| 1. Slotted turret head | 3. Dust extraction nozzle |
| 2. Electric tachometer | 4. Epoxy paint type |

OPTIONAL FEATURES:

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|--|---|
| 1. Chromium coating device for die table | 4. Outside allover covered with SUS#304 |
| 2. Feeding hopper with vibrating device | 5. Tablet deduster |
| 3. Paint-free tableting zone | |



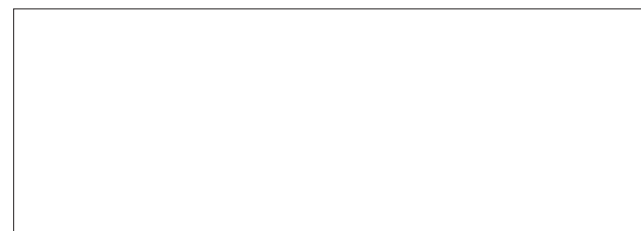
JENN-CHIANG MACHINERY CO., LTD.

No. 69, Hotso St., Feng-Yuan Taiwan.

P.O. Box 391, Feng-Yuan Taiwan.

TEL: 886-4-2532-3045 • 2534-7066 FAX: 886-4-2533-7545

E-mail: jcmco@ms8.hinet.net http: // www.jcmco.com.tw



High-Speed Rotary Tableting Machine "H" Series Presses Offer:

- Accurate tableting
- Compression in two stages
- Tableting compartment separated from drive mechanism
- Easy maintenance & cleaning
- Meets GMP



JENN-CHIANG MACHINERY CO., LTD.

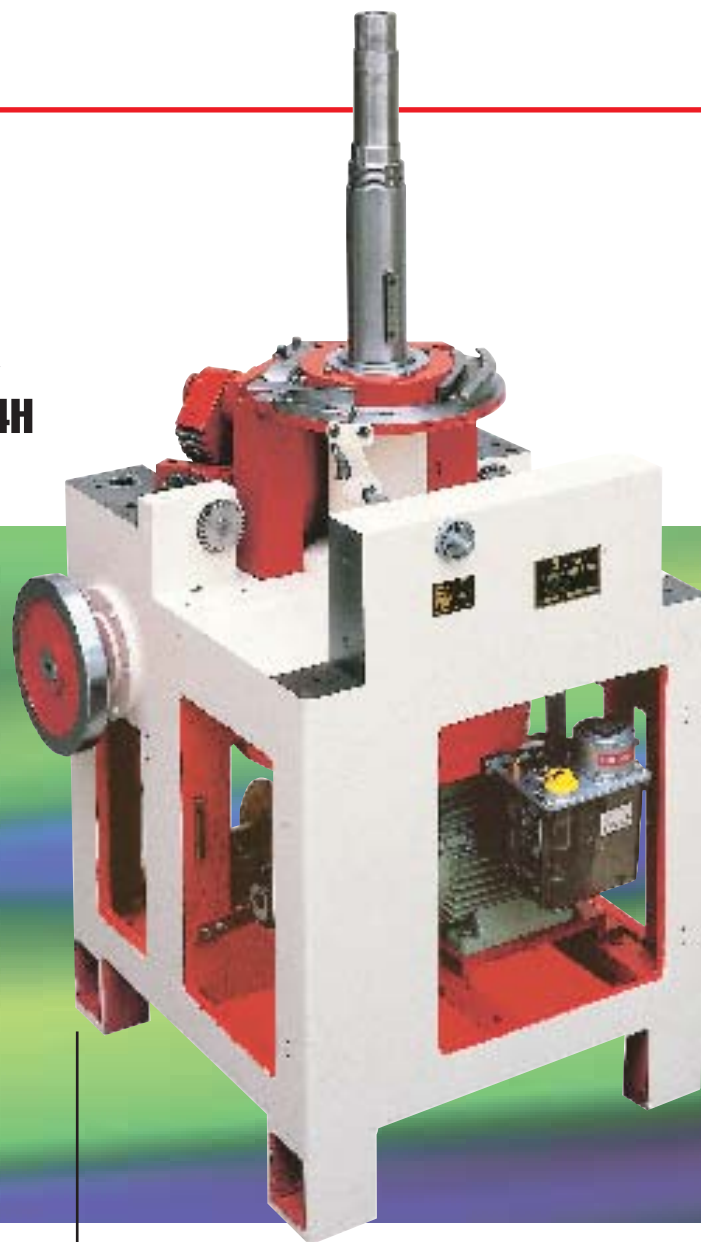
Our "H" series Rotary Tablet Presses, Models JC-RT-16H/JC-RT-20H/JC-RT-24H have proven to be reliable for:

- **Efficient medium size production runs, with capacity upto 100,000 tablets per hour;**
- **Laboratory and pilot plant studies.**



● CAM DESIGN & LUBRICATION

A central lubrication system supplies oil continuously to lower punches, while grease applied manually lubricates upper punches. The ejection cam is manufactured from special tool steel for extended life, while a double sided lifting cam is provided.



● DIRECT ROTATION OF TURRET

Direct rotation of the turret by the main shaft reduces the noise level; it provides maximum protection to the gears and the drive system.

● UPPER & LOWER PUNCH SEALS

The scrapers seals for the upper punches protect tablets from oil drip, while the dust seals on the lowers prevent the punches from binding and reduce wear on the cam. This combined with an efficient dust extraction system allows prolonged run with little downtime for cleaning.



● PRE-COMPRESS AND MAIN COMPRESSION

High pre-compression of 3000 kgs insures trouble-free processing of difficult granules. It helps in the direct compaction of materials, reducing lamination and capping. Pressure rollers are made of special tool steel that ensures uniform pressure application. The double bearings are fitted, which minimize wearing of the rollers.



● FEEDING MATERIAL

The feeder support platform is preset at the factory to the correct height and should not require adjustment. Quick release clamping screws allows removal of the feeder for cleaning and tool changeover without the need to disturb the feeder platform setting.

● MECHANICAL FEEDER

The two chambers feeding system has been improved further. It is driven from top by a variable speed motor. The unit can be assembled or disassembled easily.



● CLEANING AND TOOL CHANGEOVER

The detachable panels can be removed easily, which reveal the entire bottom punch cams. This allows easy removal of the bottom punches. Upper punch monitoring device is available that would switch off the machine in the event of punch tightness.