

## R & D Tablet Press cGMP with Instrumentation



Cemach Limited specializes in the manufacture of Pharmaceutical Tablet Compression Machine, also popularly known as Tablet Press. Cemach Limited is one of the largest manufacturer and exporter of Tablet Press Tooling Machine

Series of cams, punches and rollers makes up Tablet Compression Machine, sometimes mechanical devices are added for filling and ejecting Tablets. All the spares are precisely crafted and made from high quality materials which are corrosion free and robust. Cemach Limited is also expert in manufacturing containers which are important for precise weight control.

Whether you want to produce vitamin Tablets or Ayurvedic Tablets, or cosmetic products, whether you need a single station tablet press ,single-station /double station, high speed tablet press, manually operated Tablet press, or a heavy-duty, high-output, automated Tablet press, You can buy tablet press according to your need from our dynamic range of Pharmaceutical Tablet Press.

Some of the salient and unique features of Tablet machine from Cemach Limited;

Produces Precise, consistent, and accurate Tablets with Precise weight control technique  
Easy to operate, provides operator safety

Easy and Quick to clean, Hygienic operations

Pre-compression facility in High Speed Tablet machines

High quality material makes the machine corrosion free

Cemach Limited has many varieties of Tablet Press Machine like High Speed Rotary, Single Side, Double Side and R&D Machine; all these variants have subtypes too which helps achieve particular production goal.

## R&D TABLET PRESS MACHINE:

R&D Tablet Press Machine by Cemach Limited produces 2000 to 18000 Tablets per hour, is fully computerized system with force feeding through AC variables.

Promising unmatched quality, Safety with enhanced performance, clean ability and cost effective solutions are the most significant features of Tablet Presses of Cemach Limited.

Any high end Tablet press machine from Cemach limited can produce up to 540,000 Tablets per hour So whether you need high production with accurate and consistent Tablets or you want Compaq Lab Tablet machine for R&D in lab , Cemach Limited has all kind of Tablet compression machines.

Cemach Limited caters to all the types of the pharmaceutical machinery, with an array of models for all kind of the pharmaceutical production.

### SALIENT FEATURES :

- Fully Computerized System
- PLC-MMI/HMI Control System
- Turret Fully Electro less Nickel Plating
- Frequency Drive
- Force Feeding System - through AC Variable

### Technical parameters:

TECHNICAL SPECIFICATIONS			
Type	R & D - 8	R & D - 10	R & D - 12 MT
No. of Station	8	10	12
Type of tooling	D	B	D,B & BB
Output tablets / hour *	2000 to 14400	2000 to 18000	2000 to 7200
Maximum Operating Pressure	6 Ton	6 Ton	6 Ton
Maximum Operating Pre - Pressure	1 Ton	1 Ton	1 Ton
Maximum tablet diameter	19 mm(23mm caplet)	16 mm	19 mm(23mm caplet)
Maximum depth of fill	20.5 mm	17.5 mm	20.5 mm
Upper punch penetration	2 to 6 mm	2 to 6 mm	2 to 6 mm
Power	2 Hp / 1440 RPM	2 Hp / 1440 RPM	2 Hp / 1440 RPM
Gross weight (kg)	400	400	400
Over all dimensions (mm)	840 x 635 x 1200 H	840 x 635 x 1200 H	840 x 635 x 200 H
<i>* Depending upon the characteristic of material and shape &amp; size of tablets.</i>			