



## ***Tab-in-Tab Press CPC 20***



Cadmach has been at the forefront in introducing new concepts for formulation manufacturers, especially in the area of tablets. Tablet in tablet press (also called tab-in-tab press) is an innovative concept developed and implemented successfully in the market for over 15 years, where a tablet is compressed with a core tablet in the center. Special knowledge & experience is essential to achieve this format of tablets. Cadmach has achieved the perfection in production of tablet-in-tablet dosage forms & and is one of the few suppliers in the world to achieve this efficiency in Tablet in Tablet compression machine.

### **Important Specifications:**

- cGMP Model
- PLC with HMI & ACVFD for main motor
- Production of normal Tablet or Tablet Cores
- Production of Bi-Layer Tablets
- Production of Inlay Tablets in Mono Tablets
- Production of Core Tabs for Coated Tablets in Mono Tablet
- Production of Core Tabs for Coated Tablets in Bi-Layer Tablet

## TECHNICAL SPECIFICATION

MACHINE TYPE	CPC-20
No. of station	20
Rated output (tablets / hour)*	12,000 to 24,000
Max. Compaction force-Main (kN)	85
Max. Tablet diameter (mm)	20
Max. Depth of die fill-Total (mm)	18.5
Max. Depth of fill-1st Layer (mm)	11.5
Max. Depth of fill-2nd Layer (mm)	7
Max. Tablet thickness (mm)	9
Upper punch penetration-Main comp. (mm)	2 to 5
Main ele. motor (kW / hp)	2.2 / 3.0
Power consumption (kW / hp)	2.6 / 3.5
Power supply	220 / 380 / 415 / 480 V $\pm$ 10%, 3 Ph., 50 / 60 Hz
Overall dimensions (cm)	103 W x 98 D x 186 H
Net weight (kg)	1075