



Tablet Press C 300i



Cadmach presents its C-Series, Double Rotary Excellence – Direct Drive Torque Motored with C300i Tablet Press which is a fully automatic, high speed, interchangeable turret design machine and with technology incorporating Industry's requirements for performance & quality. This is the most successful & the most efficient tablet compression machine in the industry for Bi-layer Tableting. The C 300i is a High Scale Production Tablet Press offered in 49D, 61B, 73BB, 79BBS & 110 (Special Tooling) Turret configurations.

Specifications:

- 2500 Nm capacity of Torque main motor used with water cooling system
- High Speed of 100 RPM
- Very low Noise level will be achieved because of Torque Driven
- Biometric Fingerprint lock system in IPC
- Equal Pre & Main compaction of 100 kN
- Single Tablet Rejection even at highest speed of operation
- Servo motorised Machine
- Bi-Layer Tableting with a lot of ease and Separate first Layer Sampling available
- Zero Clearance, 3 – Paddles Force Feeding System
- Super Thick Upper Guards designed especially for Sound Reduction & Operator Safety
- Machine Interlocks with indicating alarms as a Safety Device
- Compaction Force Control (CFC) system for Auto Weight Control with 15" Touch-screen Computer Panel for SCADA

Technical Specification

MACHINE TYPE	C 300 <i>i</i> -49D	C 300 <i>i</i> -61B	C 300 <i>i</i> -73BB	C 300 <i>i</i> -79BBS
No. of station	49	61	73	79
Type of tooling	D	B	BB	BBS
Rated output (tablets / hour)*	58,800 to 588,000	73,200 to 732,000	87,600 to 876,000	94,800 to 948,000
Turret speed (rpm)	10 - 100			
Max. Compaction force-Main (kN)	100			100 **
Max. Compaction force-Pre (kN)	100			100 **
Max. Tablet diameter (mm)	25	16	13	11
Max. Depth of die fill (mm)	20	18	18	18
Max. Tablet thickness (mm)	8.5			
Upper punch penetration-Main & Pre comp. (mm)	2 to 4			
Torque direct drive (kW / hp)	15.7 / 21.0			
Power consumption (kW / hp)	22.4 / 30.0			
Power supply	220 / 380 / 415 / 480 V \pm 10%, 3 Ph., 50 / 60 Hz			
Overall dimensions (cm)	172 W x 172 D x 207 H			
Net weight (kg)	5350			