



Tablet Press Cadpro A



Cadmach presents its latest addition to the C-Series – the Cadpro A, a High-Speed Double-Sided Rotary Tablet Press engineered to meet the demands of modern pharmaceutical manufacturing. Designed for precision, efficiency, and reliability, the Cadpro A ensures optimal performance, conforming to cGMP and FDA standards for quality production. With advanced features and unmatched engineering, the machine is an ideal choice for medium to high-scale production.

Key Specifications:

- High-Speed Double-Sided Rotary Press for maximum output.
- PLC with HMI & Printing Facility for seamless monitoring and control.
- Dial-less Operation: Fine-tune entire tablet parameters precisely through HMI.
- Pre-Compression System to ensure consistent tablet quality.
- Advanced Aesthetics: A modern design that enhances functionality and appeal.
- Turret Configurations: Available in 31-D, 39-B & 47-BB stations.
- Speed Range: Turret speed from 10 to 60 RPM for flexible production needs.
- Zero Clearance Force Feeding System with ACVFD Control for uniform powder feeding.
- Overload Pressure Release System controlled by a hydraulic power pack.
- Upper Cam Track made with Delrin Material for reduced wear and tear.
- Three-Piece Turret with Electroless Nickel Plating and SS 316 Die Table for longevity.
- Tablet Rejection System: Initial tablets are rejected automatically during machine start and stop.
- Auto Lubrication System for smooth and maintenance-free operations.
- Thick Acrylic Upper Guards with gas springs and seals for operator safety and noise reduction.
- Adjustable Upper Punch Penetration for versatile tablet production.

- Totally Enclosed Compression Zone with upper and lower doors equipped with safety alarms.
- Anti-Vibration Design: Vibration is minimized with anti-vibration pads for better operation.
- Powder Level Sensing Device ensures consistent tablet compression.
- SS 316 Contact Parts for contamination-free production.
- Designed for simplicity, easy operation, and quick product changeovers

Technical Specifications:

Parameter	Cadpro A-31D	Cadpro A-39B	Cadpro A-47BB
No. of Stations	31	39	47
Type of Tooling	D	B	BB
Rated Output (Tablets/Hour)	37200 to 223200	46800 to 280800	56400 to 338400
Turret Speed (RPM)	окт.60		
Max. Compaction Force - Main (kN)	100	65	65
Max. Compaction Force - Pre (kN)	20		
Max. Tablet Diameter (mm)	25	16	13
Max. Depth of Die Fill (mm)	20	17	17
Max. Tablet Thickness (mm)	8		
Upper Punch Penetration - Main Comp. (mm)	3 to 6		
Main Ele. Motor (kW / HP)	5.6 / 7.5		
Power Consumption (kW / HP)	7.2 / 9.7		
Power Supply	220 / 380 / 415 / 480 V +10%, 3 Ph., 50 / 60 Hz		
Overall Dimensions (cm)	142 W x 156 D x 198 H		
Net Weight - Approx (kg)	2350		
Case Dimensions - Approx (cm)	158 W x 193 D x 244 H		
Gross Weight - Approx (kg)	2660		