

ADEPT MINI



SINGHANIA[®]
TABLETING

50 YEARS OF EXPERTISE



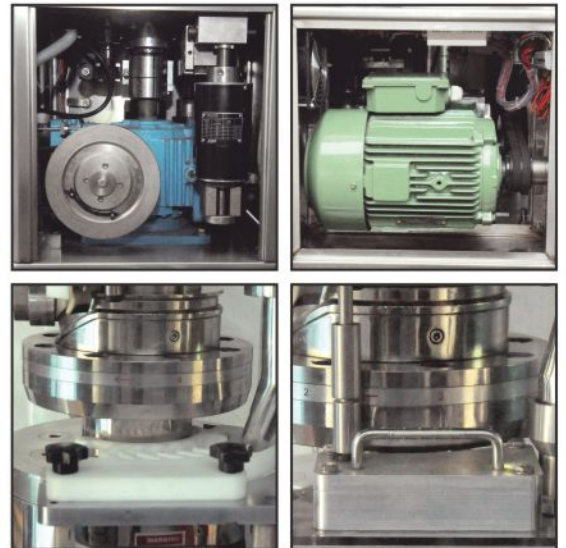
The Adept Lab Press is a mini rotary tablet press used mainly for R&D. It is also suitable for pilot batch production. This tablet press has been built as per cGMP standards. Special emphasis has been taken to ensure quick change over and trouble free operation.

SALIENT FEATURES

- **6 Tons Load Capacity** - This press is designed to take full load of 6 tons for compressing bigger tablets
- **Food Grade Gravity Feeder** - The Multi Chamber Gravity Feeder is made of polymer and ensures no metal contamination in tablets
- **Rotary Feeder and Pre Compression** to help make pilot scale batches

Other Features

- Centre drive mechanism for minimal maintenance
- Higher capacity gear box
- Main rollers are with Bearings to prevent jamming
- Upper punch keyway for Shaped toolings.
- VFD for speed control
- Front control for Main, Pre Compression & Weight Setting
- Hopper with butterfly valve
- All compression guards with sensor for safety interlock
- Turret is ENP plated
- Lower punch seals
- Quick changeover from Rotary to Gravity Feeder



Optional Features

- Rotary feeder
- Turret with SS die plate
- SS Stand with Storage
- Main Compression, Pre-Compression and Ejection Force Measurement
- Auto Rejection and Sampling

TECHNICAL SPECIFICATIONS

MODEL	STATION	TYPE OF TOOLING	ROUND TABLET MAX DIA	CAPLET-MAX LENGTH	MAIN COMPRESSION FORCE (TONS)	PRE-COMPRESSION FORCE (TONS)	DEPTH OF FILL (MM)	MOTOR* HP	TABLET OUTPUT PER HOUR		DIMENSIONS	WEIGHT
									@ 10 RPM	@ 30 RPM		
ATR D-D-8	8	D	25.0	25.0	6.0	2.0	18.0	3	4,800	14,400	L : 65 cm W: 85 cm H : 120 cm	Net: 450Kgs
ATR B-B-10	10	B	18.5	19.0	6.0	2.0	18.0	3	6,000	18,000		Gross: 600Kgs
ATR R&D-8	4	D	25.0	25.0	6.0	2.0	18.0	3	2,400	7,200		
	4	B	18.5	19.0	6.0	2.0	18.0	3	2,400	7,200		