

KTP 420X

The KTP 420X is a reliable, versatile, state-of-the-art pharma-tableting machine which has been developed for high overall equipment efficiency (OEE).

It is available in three configurations:

- Mono-layer tablet production
- Bi-layer tablet production
- Core tablets (Tab-in-Tab) at high speed and precise core positioning

Highlights

- GAMP conforming automation, qualification and validation
- Self-explanatory operating, control and regulating system
- Patented punch bellows to protect tablets from lubricants

- Hermetical separation of compaction and service area – no product in the machine compartment of the press
- Patented wear-free brake magnets
- Fast turret exchange via integrated slide-out system
- Long-life pressure rollers
- Energy efficient wear-free torque drive with integrated closed cycle cooling system
- Individual rejection of bad tablets / sampling of tablets
- Suitable for all kinds of granulates – even for poorly flowing products
- Special core positioning system with camera



Technical Data

KTP 420X

Machine configurations	Mono-layer; Bi-layer; Tab-in-Tab				
Number of press stations	50	45	37	30	22
Tool type* (EU and TSM)	B	B	B	D	KILIAN 35/45
Die type	BBS	BB	B	D	KILIAN 52/30
Maximum tablet diameter (mm)	11	13	16	25	34
Maximum output** (tablets/hour)	360,000	324,000	266,000	198,000	145,000
Maximum die filling (mm)	18			20	
Maximum pre-compression force (kN)	100***				
Maximum main compression force (kN)	100***				
Power (kW)	38				
Standard voltage	400 V - 50/60 Hz				
Compressed air	6 bar				
Weight (kg)	3,500				

* *Spezielle Werkzeuge/Formate auf Anfrage*

** *Die Leistung ist abhängig von der Tablettengröße und dem Pressmaterial*

*** *ist abhängig vom Tablettendesign*

Dimensions



