

KTP 420X cool - fast - clean

The KTP 420X is a reliable, versatile, single-sided tableting machine which has been developed for excellent overall equipment efficiency (OEE) and lowest total cost of ownership (TCO).

Cool

- Reliable cooling of the process area to below 30 °C – ideal for processing temperature sensitive medications such as Ibuprofen
- Special compression rollers, bolts and bearings to ensure lowest friction
- Efficient cooling of the torque drive and the V-ring seal (for the die table)

Fast

- High speed: up to 360,000 tabs/h
- Excellent performance with challenging high volume products such as Metformin and Amlodipin
- Quick product and format changes: tablet chute and fill shoe can be swung out – no tedious readjustments
- Few product contact parts: minimal cleaning effort
- Tool-less format change

Clean

- Optimal hygienic design
- Hermetical separation between compaction and service area
- Patented, closed punch bellows to prevent tablet contamination



Technical Data

KTP 420X

Machine configurations	Mono-layer				
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	79,200
Maximum die filling (mm)	18			20	
Maximum pre-compression force (kN)	100***				
Maximum main compression force (kN)	100***				
Maximum power consumption (kW)	38				
Standard voltage (V), frequency (Hz)	400, 50/60				
Compressed air (bar)	6				
Weight (kg)	3,500				

* Special tools/formats available on request

** The output depends on tablet size and compressed material

*** Maximum punch load dependant on tablet design

Dimensions



