



Cool, fast, clean tableting

## KTP 420X

*Mid-sized, single-sided high-end tablet press for pharmaceutical mono-layer applications – impresses with high availability as well as quick and easy format changes.*

## Technical Data

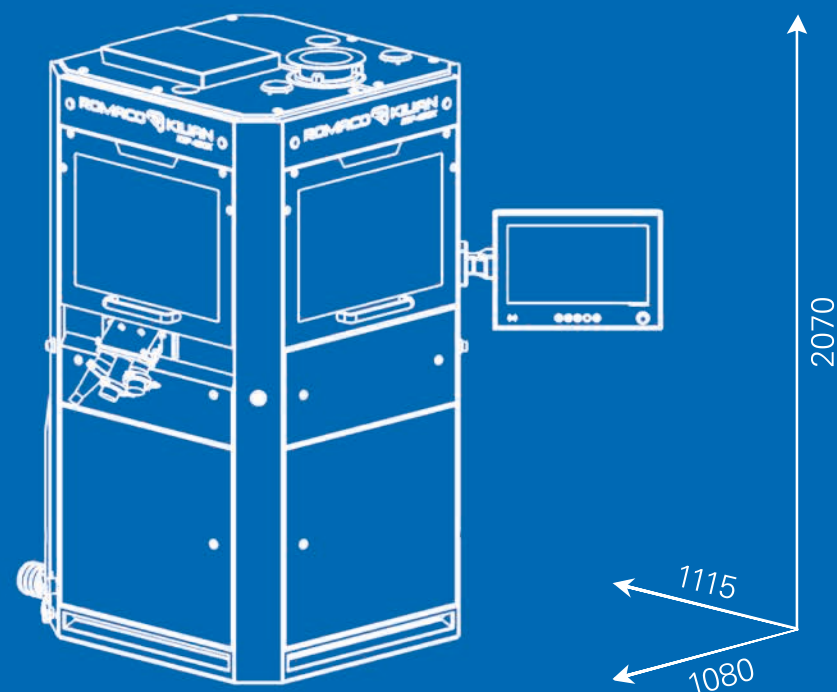
Technical Data	KTP 420X							
	66	50	45	45	37	33	30	22
Number of press stations	66	50	45	45	37	33	30	22
Tool type* (EU and TSM)	RS12	B	B	B	B	D	D	35/45
Die type	Segments	BBS	BB	Segments	B	Segments	D	52/30
Max. die filling (mm)	20	18	18	20	18	20	20	20
Max. tablet diameter (mm)	12	11	13	18	16	24	24	33
Max. output Mono-layer** (tablets/hour)	475,200	360,000	324,000	324,000	266,000	217,800	198,000	79,200
Max. pre-compression force*** (kN)	40	80			100			
Max. main-compression force*** (kN)	40	80			100			
Standard voltage (V), Frequency (Hz)	400, 50/60							
Compressed air (bar)	6							
Weight (kg)	3,500							

Technical changes reserved

\* Special tools/formats available on request

\*\* The output depends on tablet size and compressed material

\*\*\* Maximum punch load dependant on tablet design



# Sustainability - How we help you produce more sustainably

Romaco is committed to climate-neutral technologies, materials and machines.  
How the Kilian KTP 420X rotary tablet press improves your eco-balance.

- 100% climate-neutral: certified calculation of the carbon footprint for manufacturing the KTP 420X
- Small footprint in the cleanroom reduces energy consumption
- Reduced number of product contact parts reduces cleaning efforts and saves water



## Global Service

Through our network of local contacts, we are close at hand whenever you need us.

Call 4 Service and Remote Assist are our climate-friendly alternative to long-distance travel.



## Also in our portfolio KTP 590X

Single-sided tablet press  
for fully automatic high-  
volume production



**Up to 691,200 tablets/hour**

## KTP 720X

Double-sided tablet press  
for fully automatic high-  
volume production



**Up to 1,380,000 tablets/hour**

# Romaco Kilian KTP 420X rotary tablet press

The KTP 420X is a reliable, versatile, single-sided high-end rotary tablet press which has been developed for excellent overall equipment efficiency (OEE) and lowest total cost of ownership (TCO). It comes with 22 to 66 press stations for max. 475,200 tablets/hour.



- 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)



- High speed: up to 475,200 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



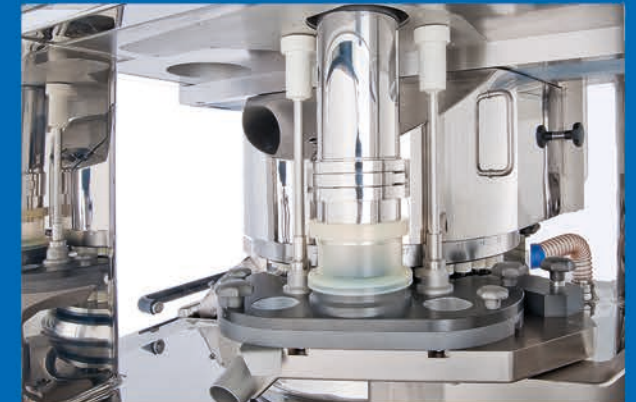
- Optimal hygienic design
- Hermetical separation between compaction and service area
- Special closed punch bellows to prevent tablet contamination



*Tablet chute mounted on swivel arm*



*Hygienic design*



*Highly efficient filling system*