



Cool, fast, clean tableting

KTP 590X

Single-sided, high-end rotary tablet press for fast change over between mono- and bi-layer tablet mode and for high-speed effervescent tablet production.



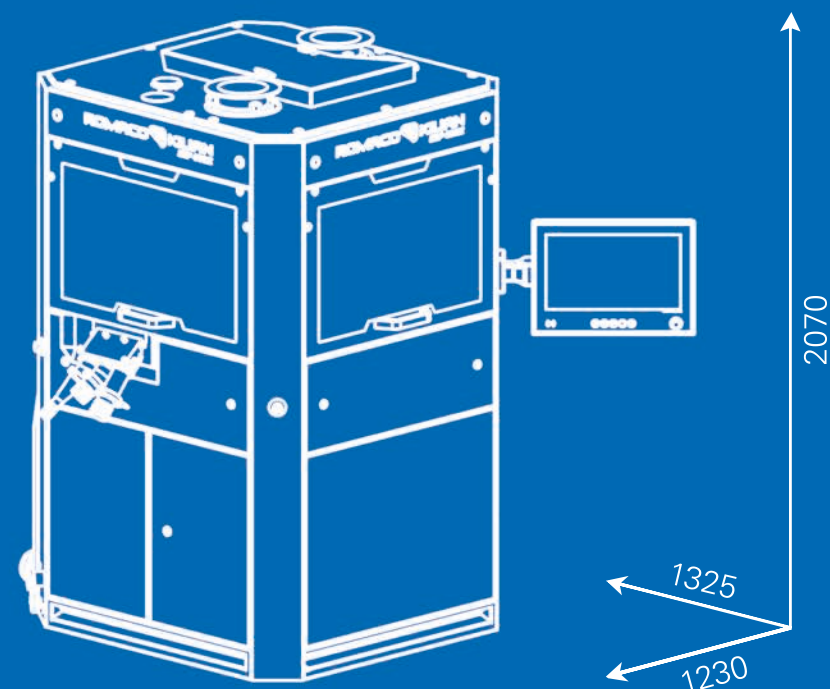
Technical Data	KTP 590X								
Number of press stations	96	71	64	64	54	44	44	44	33
Tool type* (EU and TSM)	RS12	B	B	B	B	D	D	28/41	35/45
Die type	Segments	BBS	BB	Segments	B	Segments	D	D	52/30
Max. die filling (mm)	18	18	18	20	18	20	20	20	20
Max. tablet diameter (mm)	12	11	13	18	16	24	25	27	34
Max. output Mono-layer** (tablets/hour)	691,200	511,200	460,800	460,800	388,800	290,400	290,400	290,400	118,800
Max. output Bi-layer** (tablets/hour)	691,200	511,200	460,800	460,800	388,800	290,400	290,400	290,400	118,800
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)	5,000								

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 590X rotary tablet press improves your eco-balance.

- 100% climate-neutral: certified calculation of the carbon footprint for manufacturing the KTP 590X
- 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 420X

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



Up to 475,200 tablets/hour

KTP 720X

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



Up to 1,380,000 tablets/hour

Romaco Kilian KTP 590X rotary tablet press

The KTP 590X 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 33 to 96 press stations for max. 691,200 tablets/hour.



Cool

- Effective 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)



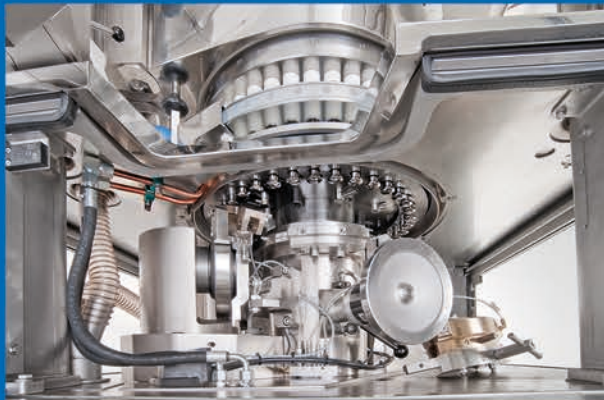
Fast

- High speed: up to 691,200 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
- No conversion of compression stations required for changing the machine configuration
- Tool-less format change



Clean

- Optimal hygienic design
- Few product contact parts: minimal cleaning effort
- Hermetical separation between compaction and service area
- Special closed punch bellows to prevent tablet contamination



Additional cooling loop to reduce heating



Dust-tight tablet chute on swivel arm



Wide dismantling points