

K 720

The K 720 is a reliable, versatile, double sided, high speed tableting machine. Romaco Kilian has developed this press for highest Overall Equipment Efficiency (OEE) combining outstanding Performance, Availability and Quality.

It is available in three configurations:

- Mono-layer tablet production
- Bi-layer tablet production
- Combination of the above

Performance

- Up to 1,000,000 tabs/h as mono machine
- Few product contact parts, minimal cleaning effort
- Tool-less format change
- Powerful maintenance-free torque drive for fast start-up and reduced product loss
- Product scraper with magnets for minimised product loss

Availability

- Less maintenance due to
 - Low-wear pressure rollers
 - Maintenance-free torque drive
 - Wear-free lower punch brakes
- Longer production interval between cleaning times due to hermetical separation of the process area
- Fast support through Remote Assist with Call4Service button

Quality

- Patented bellow system for black spot free tablets
- Constant brake force for better relative standard deviation due to patented lower punch brake magnets



Technical Data

K 720

Machine configurations	Mono-layer; Bi-layer			
Number of press stations	85	77	63	51
Tool type* (EU and TSM)	B	B	B	D
Die type	BBS	BB	B	D
Maximum tablet diameter (mm)	11	13	16	25
Maximum output** (tablets/hour)	1,020,000	924,000	753,000	550,000
Maximum die filling (mm)	18			20
Maximum pre-compression force (kN)	100***			
Maximum main compression force (kN)	100***			
Power (kW)	38			
Standard voltage (V), frequency (Hz)	400, 50/60			
Compressed air (bar)	6			
Weight (kg)	5,600			

* Special tools/formats available on request

** The output depends on tablet size and compressed material

*** Maximum punch load dependant on tablet design

