

KTP 180

The KTP 180 is a small, rotary pharmaceutical tablet press, delivering state-of-the-art performance for R&D applications, clinical batches and small scale production.

The machine is available in 2 distinctive configurations:

- KTP 180 (Production)
- KTP 180 (Laboratory)

Highlights

- Interchangeable turret
- Mixed turrets for B+D tooling available
- Easy access to all product contact parts (weight of individual parts < 10kg)
- Unique scale-up functionality via scientifically designed approach

- Patented wear-free brake magnets
- 2 paddle force feed fill shoe available (option)
- Individual tablet rejection system by compressed air
- Fully automated machine including a weight regulation
- Operation via a 12" integrated touch panel HMI
- R&D machine version monitors: upper and lower compression forces, ejection force, pre-compression force, tablet scraping force, upper and lower punch displacement
- Magnesium stearate lubrication available
- Data acquisition system integrated in the operation software
- Smallest footprint amongst R&D rotary tablet presses



Technical data

KTP 180

Machine configurations	Production; Laboratory				
Number of press stations	8 (4+4)	8	13	16	19
Tool type (EU and TSM)	B+D	D	B+D	B	B
Die type	B+D	D	B+D	B	BB
Maximum tablet diameter (mm)	18 / 25	25	18 / 25	16 (18 for R&D)	13
Maximum die filling (mm)	17				
Maximum output* (tablets/hour)	16,800	33,000	54,600	67,200	79,800
Maximum pre-compression force (kN)	10				
Maximum main compression force (kN)	50**				
Main Drive Power (kW)	1.7				
Standard voltage	400 V – 50/60 Hz				
Compressed air	4-6 bar				
Weight (kg)	560				

* The output depends on tablet size and compressed material

** Maximum punch load dependant on tablet design

Dimensions



