

KTS 1000

The KTS 1000 is a robust, reliable tablet press, offering state-of-the-art performance for heavy duty tableting applications.

Main applications are:

- chemicals (dishwasher tabs, detergent tabs, fertilizers, pesticides, naphthalene, colour)
- food (soup cubes, sweeteners, sugar, dextrose, fructose, food tablets)
- sintered metals, ceramics, electrics (airbags, coal products)
- cosmetics (denture cleaners, bath salts)

The machine is available in two distinctive configurations:

- 2L (Mono/bi-layer machine)
- 3L (Mono/bi-layer/triple-layer tabletpress)

Highlights

- Extrem robustes Design für Presskräfte bis zu 120 KN
- Dreischicht-Tablettierung durch drei Pressstationen möglich
- Großer 840-mm-Teilkreis für hohe Leistung
- Hydraulischer Überdruck-Schutz
- Patentierte verschleißfreie Stempelbremsmagnete für konstante Rückdosierung
- Verfügbarkeit verschiedener Füllschuhsysteme für optimierte Pulverzuführung
- Spezielle Produktzuführung für zähflüssige Produkte



Technical Data

KTS 1000

Machine configurations	2L (mono-/bi-layer tablets)		3L (mono-/bi-/triple-layer tablets)	
Number of press stations	33	43	33	43
Tool type	KILIAN 56/54	KILIAN 45/54	KILIAN 56/54	KILIAN 45/54
Maximum tablet diameter (mm)	55	44	55	44
Maximum output (tablets/minute)*	2,300 (mono) – 1.150 (double)	3,000 (mono) – 1.500 (double)	1,000	1,300
Maximum die filling (mm)	45			
Maximum pre-compression force (kN)	120**			
Maximum main compression force (kN)	120**			
Main Drive Power (kW)	18.5			
Standard voltage	400 V - 50/60 Hz			
Compressed air	6-7 bar			
Weight (kg)	6,800		7,500	

* The output depends on tablet size and compressed material

** Maximum punch load dependant on tablet design

Dimensions



