

## **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**

- Extreme robust design for compaction forces up to 120 KN
- Up to 3 separate press stations for 3-layer production
- 840mm pitch circle diameter for high volume production
- Hydraulic compaction force overload system
- Patented magnetic punch brake system for constant redosing
- Various fill shoe systems available for optimal powder filling
- Special product feeding system available for powders with poor flow characteristics



**Technical Data**

KTS 1000

Machine configurations	2L (mono-/bi-layer tablets)		3L (mono-/bi-/triple-layer tablets)	
	Number of press stations	33	43	33
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 (V), frequency (Hz)	400, 50/60			
Compressed air (bar)	6-7			
Weight (kg)	6,800		7,500	

\* The output depends on tablet size and compressed material

\*\* Maximum punch load dependant on tablet design

### Dimensions



