



KORSCH
PRODUCT RANGE

XL 400⁴

The 4th Generation



Pharmaceutical
Single-Sided
Rotary Tablet Press

KORSCH
The Specialist.

Technical Data

KORSCH XL 400⁴ 1-/2-/3-Layer

Number of punch stations		47	44	35	29
Press Tools	EU/TSM	BBS	BB	B	D
Main Compression Force	kN	100	100	100	100
Precompression Force	kN	20/100	20/100	20/100	20/100
Tamping Force	kN	5	5	5	5
Tablet Diameter max.	mm	11	13	16	25
Filling Depth max.	mm	18	18	18	22
Filling Depth, Second and Third Layer max.	mm	10 – identical for all Versions			
Turret Speed, Single-Layer	RPM	5 – 120	5 – 120	5 – 120	5 – 100
Turret Speed, Bi-Layer	RPM	5 – 60	5 – 60	5 – 60	5 – 50
Turret Speed, Tri-Layer	RPM	5 – 50	5 – 50	5 – 50	5 – 40
Tablet Output, Single-Layer max.	tabs/h	338,400	316,800	252,000	174,000
Tablet Output, Bi-Layer max.	tabs/h	169,200	158,400	126,000	87,000
Tablet Output, Tri-Layer max.	tabs/h	141,000	132,000	105,000	69,600
Pitch Circle Diameter	mm	410	410	410	410
Tablet Thickness	mm	8.5	8.5	8.5	8.5
Machine Dimensions	mm/ L x W x H	1941 x 1199 x 2162 – Dimensions are identical for all Versions			
Net Weight of the Machine	kg	4300	4300	4300	4300
Electrical Load	kVA	18.5	18.5	18.5	18.5

Technical modifications reserved.

KORSCH tablet presses comply with the EC machinery directive, the current GMP and FDA regulations, as well as with the EMC guidelines. KORSCH tablet presses are delivered with CE certificate and meet the requirements of 21 CFR Part 11.

Peripherals delivered with KORSCH tablet presses also comply with these regulations.

The technical specifications included in this document represent optimal parameters and are dependent on product quality and machine settings. The maximum compression force varies in relation to tablet/punch size, and output. The maximum output varies in relation to material, tablet/punch size, and compression force.

Standard compression rollers are suitable for most applications. Heavy duty compression rollers are available at no extra cost for high compression force applications.

2C core-coated tablets technical data on request.