

# XL 400<sup>4</sup>

The 4<sup>th</sup> Generation



Pharmaceutical  
Single-Sided  
Rotary Tablet Press

# Technical Data

## KORSCH XL 400<sup>4</sup> 1-/2-/3-Layer

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