

X 5


KORSCH
PRODUCT RANGE

Single-Sided *M*aximized



High-Output
Pharmaceutical
Tablet Press

KORSCH
The Specialist.

Technical Data

KORSCH X 5 1-/2-/3-Layers

Description		Turret with Dies				Turret with Segments		
Number of Punch Stations		58	52	43	35	72	54	42
Press Tools	EU/TSM	BBS	BB	B	D	IH 12	B	D
Main Compression Force	kN	100	100	100	100	100	100	100
Precompression Force	kN	20/100	20/100	20/100	20/100	20/100	20/100	20/100
Tamping Force	kN	20	20	20	20	20	20	20
Max. Tablet Diameter	mm	11	13	16	25	11	16	25
Max. Filling Depth – Layer 1	mm	18	18	18	22	18	18	22
Max. Filling Depth – Layer 2 and Layer 3	mm	10	10	10	10	10	10	10
Turret Speed Single-Layer	RPM	5 – 120	5 – 120	5 – 120	5 – 100	5 – 120	5 – 120	5 – 100
Turret Speed Bi-Layer	RPM	5 – 60	5 – 60	5 – 60	5 – 50	5 – 60	5 – 60	5 – 50
Turret Speed Tri-Layer	RPM	5 – 50	5 – 50	5 – 50	5 – 40	5 – 50	5 – 50	5 – 40
Max. Tablet Output (Single-Layer)	Tabs/h.	417,600	374,400	309,600	210,000	518,400	388,800	252,000
Max. Tablet Output (Bi-Layer)	Tabs/h.	208,800	187,200	157,800	105,000	259,200	194,400	126,000
Max. Tablet Output (Tri-Layer)	Tabs/h.	174,000	156,000	129,000	84,000	216,000	162,000	100,800
Pitch Circle Diameter	mm	490	490	490	490	490	490	490
Max. Tablet Thickness	mm	8.5	8.5	8.5	8.5	8.5	8.5	8.5
Net Weight of the Machine	kg	5,000	5,000	5,000	5,000	5,000	5,000	5,000
Machine Dimensions	mm L x W x H	1,950 x 1,238 x 2,169 – Dimensions are identical for all versions						
Main Motor	kVA	18.5	18.5	18.5	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.