

X 3


KORSCH
PRODUCT RANGE

Maximizing Mid-Range Production



Pharmaceutical Single
and Bi-Layer Rotary
Tablet Press

KORSCH
The Specialist.

Technical Data

KORSCH X 3 1-2-Layer

Number of Punch Stations		37	34	16/28	16/23
Press Tools	EU/TSM	BBS	BB	B	D
Main Compression Force	kN	80	80	80	80
Precompression Force	kN	40	40	40	40
Tamping Force Standard (Optional)	kN	5 (20)	5 (20)	5 (20)	5 (20)
Max. Tablet Diameter	mm	11	13	16	25
Max. Filling Depth	mm	18	18	18	22
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
Max. Tablet Output (Single-Layer)	Tabs/h.	266,400	244,800	115,200/ 201,600	96,000/ 138,000
Tablet Output (Bi-Layer)	Tabs/h.	133,200	122,400	57,600/ 100,800	48,000/ 69,000
Pitch Circle Diameter	mm	325	325	325	325
Max. Tablet Thickness	mm	8.5	8.5	8.5	8.5
Machine Dimensions	mm L x W x H	1,728 x 900 x 1,920 – Dimensions are identical for all versions			
Net Weight of the Machine	kg	2,800	2,800	2,800	2,800
Total Connected Electrical Load	kVA	27	27	27	27
Power Consumption	kW	10 – 12	10 – 12	10 – 12	10 – 12

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.