

XL 100 WIPCon

Certified Pre-Owned Tablet Press
Serial Number G1510222



1. Tablet Press Description

1.1 General Description

Certified Pre-Owned KORSCH XL 100 WIPCon Tablet Press, manufactured in 2014 and fully refurbished in 2021. The machine was used with Placebo only, 11 machine hours up to date. The KORSCH XL 100 WIPCon is an innovative tablet press for product development, scale-up, and clinical batch production.

1.2 Key Features

- KORSCH XL 100 WipCon Tablet Press
- OEB 4 Execution
- 10-Station, EU-B Turret
- Exchangeable Turret Capability
- Keyways in Upper Turret
- 10 kN Precompression Capability
- 60 kN Main Compression Capability
- GMP Compression Zone
- Multi-Function Column (MFC)
- Caster Base for Transport
- Open Gravity Feeder
- Variable Speed Force Feeder
- 3-Channel Discharge Chute
- Frequency Drive on Main Motor
- Motorized Dosing Cam
- Motorized Edge Thickness – Main Compression (Lower Roller)
- Motorized Edge Thickness – Precompression (Lower Roller)
- Full Set of Fill Cams (6 mm, 10 mm, 14 mm, 18mm)
- Siemens PLC Based Platform
- Panel Mounted Industrial PC and HMI



- WinCC HMI Application
- Windows 10 Platform
- Password Login
- Product Recipe
- Event Log
- Alarm and Alarm History
- Fully Compliant with 21 CFR Part 11

2. Press Force Control:

- Display of Average Force - Precompression
- Display of Average Force - Main Compression
- Display of Single Forces by Punch Station - Precompression
- Display of Single Forces by Punch Station - Main Compression
- Feedback to Dosing Cam for Tablet Weight Control
- Display of Standard Deviation of Main Compression Force
- Entry of Press Force Limits - Precompression
- Entry of Press Force Limits - Main Compression
- Press Force Trending and Storage for Batch Report
- Full Functionality with Reduced Tools Configuration

3. Integrated PharmaControl® Press Force Control

- Feedback to Dosing Cam for Automatic Tablet Weight Control
- Entry of Press Force Limits - Precompression
- Entry of Press Force Limits - Main Compression
- Entry of Srel Stop Limits
- Entry of Max Tip Pressure Stop Limit
- Real-Time Display of Single Forces by Punch Number
- Single Tablet Rejection Module
- Full Functionality with Reduced Tools Configuration

4. XL 100 WipCon® Execution

- WIP and High-Containment Execution (OEB 4)
- Inlet Air H14 HEPA Filter with Safe Change Execution
- Containment Isolator with Interlocked Glove Ports
- Monitoring of Negative Pressure in Isolator
- Quick Disconnect Fittings
- Air Assist for Drainage and Drying
- 316L Stainless Steel Compression Zone
- RTP with BETA Container
- Tri-Clamp for Material Inlet (Size to be Determined)
- Tri-Clamp Connections on Discharge Chute (Good, Bad, Sample Channel)
- Manual Spray Wand
- Manual Dust Extraction Wand

5. System Peripherals

- WIP Combi Unit by Krämer / Ceia
- WIP Tablet Tester by Kraemer Electronics Measuring Weight, Thickness, Hardness
- WIP Skid by Servolift
- WIP Air Handling Unit
- Piping and Connections
- Mounting / Integration for Split Butterfly Valve (butterfly valve not included)

6. Machine Specifications:

Punch Stations	10
Press Tools	EU-B
Main Compression Force	60 kN
Precompression Force	10 kN
Maximum Tablet Diameter	16 mm
Press Speed	10-120 RPM
Output single layer / bi layer (Tabs/Hour)	72,000 (B-turret)
Pitch Circle	118 mm
Maximum Tablet Thickness	8.0 mm
Main Motor	4.5 KV
Main Power Supply	400/230 V, 3 Phase, 50 Hz

7. Documentation Package:

- Installation Qualification (IQ)
- Calibration Qualification (CQ)
- Operation Qualification (OQ)
- Operation and Service Manual
- Product Contact Parts Specification
- Lubrication Specification
- Spare Parts List
- Electrical Schematics
- Mechanical Assembly Drawings

8. Warranty

The Certified Pre-Owned KORSCH XM 12 is supported by a limited 6 month warranty.

9. Contact

For more information, please contact:

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