

# XL 100

Certified Pre-Owned Tablet Press  
Serial Number K1510055



## 1. Tablet Press Description

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### 1.1 General Description

Certified Pre-Owned KORSCH XL 100 Tablet Press, manufactured in 2010 and fully refurbished in 2021. The KORSCH XL 100 is an innovative tablet press for product development, scale-up, and clinical batch production.

### 1.2 Key Features

- 8-Station, TSM D or 10-Station, TSM 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)
- Variable Speed Force Feeder
- Real-Time Display of Average Precompression Force
- Real-Time Display of Main Compression Force
- Real-Time Display of Ejection Force
- 3-Channel Discharge Chute
- Large Product Hopper (10 Liter Capacity)
- Frequency Drive on Main Motor
- Touch Screen Control
- Set of Fill Cams (6 mm, 10 mm, 14 mm, and 16 mm)



## **2. Press Force Control**

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- 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. Single Tablet Rejection:**

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- Rejects an Individual Tablet at All Press Speeds
- Records and Displays Punch Station as Tablets are Rejected
- Entry of Maximum Rejects from a Single Punch Station
- Entry of Maximum Rejects from All Punch Stations
- Reject Set-Up Parameters Stored in Product Recipe
- Reject Log Report

## 4. Machine Specifications:

Punch Stations	8	10
Press Tools	TSM D	TSM B
Main Compression Force	60 kN	60 kN
Precompression Force	10 kN	10 kN
Maximum Tablet Diameter	25 mm	16 mm
Press Speed	20-60 RPM	20-120 RPM
Output (Tabs/Hour)	29,000	72,000
Pitch Circle	118 mm	118 mm
Maximum Tablet Thickness	8 mm	8 mm
Net Weight	860 kg	
Main Motor	4.5 KV	
Main Power Supply	220 VAC, 3 Phase, 60 Hz	

## 5. Documentation Package:

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- 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

## 6. Warranty

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The Certified Pre-Owned KORSCH XL 100 is supported by a limited 6 month warranty.

## 7. Contact

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For more information, please contact:

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