

XL 400

Certified Pre-Owned Tablet Press
Serial Number K1500062



1. Tablet Press Description

1.1 General Description

Certified Pre-Owned KORSCH XL 400 Tablet Press, manufactured in 2002 and fully refurbished in 2024. The XL 400 is a single-sided, high-speed rotary tablet press.

1.2 Key Features

- Bi-Layer Execution
- 35-Station, TSM B Turret
- Exchangeable Turret Capability
- Keyways in Upper Turret
- GMP Compression Zone
- Multi-Function Column (MFC)
- Compression Station - Precompression
- Compression Roller Column - Main Compression
- Motorized Adjustment – Tablet Thickness
- Manual Adjustment – Insertion Depth
- Motorized Adjustment – Dosing Cam
- Rotary, Force Feeders
- Central Machine Control Diagnostic System
- Composite Cam Track Design
- Frequency Drive on Main Motor
- 3-Channel Discharge Chute
- 3-Zone Central Lubrication System
- Additional Lubrication Zone at Ejection Cam
- Full Set of Fill Cams (10 mm, 14 mm, 18 mm)
- Windows 10 Platform
- Allen-Bradley ControlLogix PLC Platform



- HMI Touch Screen
- 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. Single Tablet Rejection:

- 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	29	35
Press Tools	TSM D	TSM B
Main Compression Force	100 kN	100 kN
Precompression Force	20 kN	20 kN
Maximum Tablet Diameter	25 mm	16 mm
Press Speed	5-50 RPM	5-50 RPM
Output (Tabs/Hour)	87,000	105,000
Pitch Circle	410 mm	410 mm
Maximum Tablet Thickness	8.5 mm	8.5 mm
Net Weight	3,700 kg	
Main Power Supply	480 V, 3 Phase, 60 Hz	

5. 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

6. Warranty

The Certified Pre-Owned KORSCH XL 400 is supported by a limited 6 month warranty.

7. Contact

For more information, please contact:

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