

# XL 400 MFP

Certified Pre-Owned Tablet Press  
Serial Number G1501051



## 1. Tablet Press Description

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### 1.1 General Description

Certified Pre-Owned KORSCH XL 400 MFP Tablet Press, manufactured in 2014 and fully refurbished in 2021. The XL 400 MFP is a single-sided, high-speed rotary tablet press with single-layer, bi-layer and try-layer capability.

### 1.2 Key Features

- Single-Layer Execution
- Bi-Layer Execution
- 29-Station Turret
- Exchangeable Turret Capability
- Keyways in Upper Turret
- GMP Compression Zone
- Multi-Function Column (MFC)
- Compression Roller Station, Precompression
- Compression Roller Station, Main Compression
- Motorized Adjustment – Tablet Thickness
- Motorized Adjustment – Insertion Depth
- Motorized Adjustment – Dosing Cam
- Rotary, 2-Chamber Force Feeder
- Central Machine Control Diagnostic System
- Composite Cam Track Design
- Frequency Drive on Main Motor
- 2-Channel Discharge Chute
- 4-Zone Central Lubrication System
- Additional Lubrication Zone at Ejection Cam
- Fill Cam (10 mm)
- Fully Updated Control System



- Windows 10 Platform
- Siemens PLC Modul
- HMI Touch Screen
- Password Login
- Product Recipe
- Event Log
- Alarm and Alarm History
- Fully Compliant with 21 CFR Part 11



## 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:

| <b>Punch Stations</b>                      | <b>29</b>                 |
|--|---------------------------|
| Press Tools                                | EU-D                      |
| Main Compression Force                     | 60 kN                     |
| Precompression Force                       | 20 kN                     |
| Maximum Tablet Diameter                    | 25 mm                     |
| Press Speed single layer/ bi-layer         | 10-100 RPM                |
| Output single layer / bi layer (Tabs/Hour) | 174,000                   |
| Pitch Circle                               | 410 mm                    |
| Maximum Tablet Thickness                   | 8.5 mm                    |
| Net Weight                                 | 3,700 kg                  |
| Main Motor                                 | 18.5 KV                   |
| Main Power Supply                          | 400/230 V, 3 Phase, 50 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 400 MFP is supported by a limited 6 month warranty.

## 7. Contact

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For more information, please contact:

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