

# XL 400<sup>FT</sup>

Certified Pre-Owned Tablet Press  
Serial Number K1500232



## 1. Tablet Press Description

### 1.1 General Description

Certified Pre-Owned KORSCH XL 400<sup>FT</sup> Tablet Press, manufactured in 2013 and fully refurbished in 2022. The XL 400 is a single-sided, high-speed rotary tablet press.

### 1.2 Key Features

- Single-Layer Execution
- 35-Station, TSM B Turret
- Exchangeable Turret Capability
- Keyways in Upper Turret
- GMP Compression Zone
- Multi-Function Column (MFC)
- Compression Roller Column, Main Compression
- Compression Roller Column, Precompression
- Motorized Adjustment – Tablet Thickness
- Motorized Adjustment – Insertion Depth
- Motorized Adjustment – Dosing Cam
- Rotary, 3-Chamber Force Feeder
- 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)



- Remote Stainless Steel Electrical Cabinet
- 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	35
Press Tools	TSM B
Main Compression Force	100 kN
Precompression Force	100 kN
Maximum Tablet Diameter	16 mm
Press Speed	10-120 RPM
Output (Tabs/Hour)	252,000
Pitch Circle	410 mm
Maximum Tablet Thickness	8.5 mm
Net Weight	3,700 kg
Main Motor	18.5 KV
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<sup>FT</sup> is supported by a limited 12 month warranty.

## 7. Contact

---

For more information, please contact:

**KORSCH America Inc. | Certified Pre-Owned | [sales@korschamerica.com](mailto:sales@korschamerica.com) | (508) 238-9080**



**KORSCH**  
CERTIFIED PRE-OWNED