

XM 12

Certified Pre-Owned Tablet Press
Serial Number G1530065



1. Tablet Press Description

1.1 General Description

Certified Pre-Owned KORSCH XM 12 Tablet Press, fully refurbished in 2021. The KORSCH XM 12 Tablet Press is a small-scale press which is ideal for single layer, and optionally bi-layer, tablet development, clinical production, and mid-range production.

1.2 Key Features

- Single-Layer Execution
- Bi-Layer Execution
- 22-Station, EU-B 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 Feeder for single- and bi-layer
- Composite Cam Track Design
- Frequency Drive on Main Motor
- 3-Channel Discharge Chute
- 4-Zone Central Lubrication System
- Fill Cam (10 mm)
- Fully Updated Control System
- Windows 10 Platform
- Siemens SLC Modul




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- 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	16
Press Tools	EU-B
Main Compression Force	80 kN
Precompression Force	40 kN
Maximum Tablet Diameter	16 mm
Press Speed single layer/ bi-layer	10-120 RPM / 10-60 RPM
Output single layer / bi layer (Tabs/Hour)	158,400 / 79,200
Pitch Circle	252 mm
Maximum Tablet Thickness	8.0 mm
Net Weight	2,400 kg
Main Motor	5.5 KV
Main Power Supply	400/230 V, 3 Phase, 50 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 XM 12 is supported by a limited 6 month warranty.

7. Contact

For more information, please contact:

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