

KORSCH XL 400 MFP Tablet Press Demonstration Unit Serial Number G1501001

KORSCH XL 400 MFP Tablet Press Demonstration Unit, manufactured in 2015. The XL 400 MFP is a single-sided, high speed rotary press with single-layer, bi-layer, and tri-layer capability.

Standard Features:

- ❑ Single-Layer Execution
- ❑ Exchangeable Turret Capability
- ❑ 35-Station, EU B Turret
- ❑ Keyways in Upper and Lower Turret
- ❑ GMP Compression Zone
- ❑ 100 kN Compression Roller Module – Precompression
- ❑ 100 kN Compression Roller Module – Main Compression
- ❑ Motorized Adjustment – Tablet Thickness
- ❑ Motorized Adjustment – Insertion Depth
- ❑ Motorized Adjustment – Dosing Cam
- ❑ Standard Feeder, 2-Chamber, 2 Paddle Execution
- ❑ Central Machine Control Diagnostic System
- ❑ Composite Cam Track Design
- ❑ Frequency Drive on Main Motor
- ❑ 3-Zone Central Lubrication System
- ❑ Additional Lubrication Zone on Ejection Cam
- ❑ 2-Channel Discharge Chute
- ❑ Tri-Clamp Connection on Material Inlet
- ❑ Full Set of Fill Cams (6 mm, 10 mm, 14 mm)
- ❑ Windows 10 Platform
- ❑ Siemens PLC
- ❑ HMI Touch Screen
- ❑ Password Login
- ❑ Product Recipe
- ❑ Event Log
- ❑ Alarm and Alarm History
- ❑ Fully Compliant with 21 CFR Part 11



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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

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

Ejection Force Monitoring:

- Instrumented Ejection Cam
- Display of Average Ejection Force
- Entry of Upper and Lower Stop Limits

Documentation Package:

- Installation Qualification (IQ)
- Calibration Qualification (CQ)
- Operation Qualification (OQ)
- Operation and Service Manuals
- Electrical Schematics
- Spare Parts List and Mechanical Drawings

KORSCH XL 400 MFP Tablet Press Demonstration Unit Serial Number G1501001

Additional Options:

- Gravity Feeder
- Upgrade to 3-Channel Discharge Chute
- Press Components for External Lubricant Spray System
- 29-Station, EU D Turret, Single-Layer Execution
- Internal Turret Lift Device
- Two (2) Turret Transport Carts
- Bi-Layer Conversion Kit (1.1 to 2.2)
- Additional Bi-Layer Cam Track for EU D Turret (2.2)
- Bi-Layer Conversion Kit (2.2 to 2.3)
- Additional Bi-Layer Cam Track for EU D Turret (2.3)
- Tri-Layer Conversion Kit (2.3 to 3.1)
- Additional Tri-Layer Cam Track for EU D Turret (3.1)
- Safety Arm for 5/20 kN Column
- 100 kN Column Lift Device
- Transport Cart for Compression Columns
- Integrated PharmaResearch® Data Acquisition System

KORSCH XL 400 MFP Tablet Press Demonstration Unit Serial Number G1501001

Machine Specifications (Single-Layer):

Punch Stations	35	29
Press Tools	EU B	EU D
Main Compression Force	100 kN	100 kN
Precompression Force	100 kN	100 kN
Maximum Tablet Diameter	16 mm	25 mm
Maximum Fill Depth	18 mm	22 mm
Press Speed	5-120 RPM	5-100 RPM
Output (Tabs/Hour)	252,000	174,000
Pitch Circle Diameter	410 mm	410 mm
Maximum Tablet Thickness	8.5 mm	8.5 mm
Net Weight	3,700 kg	3,700 kg
Electrical Load	18.5 kVA	18.5 kVA

KORSCH XL 400 MFP Tablet Press Demonstration Unit Serial Number G1501001

Machine Specifications (Bi-Layer):

Punch Stations	35	29
Press Tools	EU B	EU D
Main Compression Force	100 kN	100 kN
Precompression Force	20 kN	200 kN
Tamping Force	5 kN	5 kN
Maximum Tablet Diameter	16 mm	25 mm
Maximum Fill Depth	18 mm	22 mm
Press Speed	5-60 RPM	5-50 RPM
Output (Tabs/Hour)	126,000	87,000
Pitch Circle Diameter	410 mm	410 mm
Maximum Tablet Thickness	8.5 mm	8.5 mm
Net Weight	3,700 kg	3,700 kg
Electrical Load	18.5 kVA	18.5 kVA

KORSCH XL 400 MFP Tablet Press Demonstration Unit Serial Number G1501001

Machine Specifications (Tri-Layer):

Punch Stations	35	29
Press Tools	EU B	EU D
Main Compression Force	100 kN	100 kN
Precompression Force	20 kN	20 kN
Tamping Force	5 kN	5 kN
Maximum Tablet Diameter	16 mm	25 mm
Maximum Fill Depth	18 mm	22 mm
Press Speed	5-50 RPM	5-40 RPM
Output (Tabs/Hour)	105,000	69,600
Pitch Circle Diameter	410 mm	410 mm
Maximum Tablet Thickness	8.5 mm	8.5 mm
Net Weight	3,700 kg	3,700 kg
Electrical Load	18.5 kVA	18.5 kVA

Warranty:

The KORSCH XL 400 MFP Demonstration Unit is supported by a limited 12 month warranty.

For more information, please contact:

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