Basic Vertical Milling Machine for a Broad Range of Manufacturing

Accessories for CMX 1100 V

Additional Axis
Chip Removal
Coolant Systems
Measuring
Tooling

Top products for peak performance
Comprehensive solutions in peripheral equipment for high productivity!
DMG MORI Qualified Products

Your **optimal source** for accessories!

- **Comprehensive solutions** for high productivity
  - Additional Axis
  - Chip Removal
  - Coolant Systems
  - Measuring
  - Tooling
  - Workholding
- **Pre-engineered accessories** and technical support
- Competitive pricing
- **2-year warranty** on all products

### ISCAR - Universal Product

**Tool Management System: Matrix Mini | Matrix Maxi**

- Stored items in Locked bins, Electronically Controlled by the (Matrix-TM)
- Standard Customizable Configurations
- Total Tool Management System to Control Inventory, **Streamline Purchasing and Drive Down Costs**

### Haimer - Universal Product

**Balancing System: Tool Balancer**

- **Simple and Accurate Balancing System** for Tool Holders, Grinding Wheels, etc.
- Less Wear on Spindle Bearings of Machine, Better Surface Finishes, Longer Tool Life, Higher Speeds for **Improved Productivity and Improved Precision**
- Protect Machine, Improve Process Reliability and Optimize Machining Efficiency

### Haimer - Universal Product

**Shrink Fit Technology: Induction Shrink Fit Machine**

- Enabling Tool Changes in Seconds with **Highest Degree of Repeatable Runout (0.00012")**, Balance
- The PC Comfort NG Machine: **Rapid Tool Changes with Multiple Holders.** The Intelligent NG Coil Eliminates the need for cumbersome stop discs, Making it Fast & Easy to Change Tools from 1/8” to 1-1/4”
- Integrated Cooling System means Tools are Cooled Perfectly in Only 30-45 Seconds
**DMG MORI - Additional Axis**
Rotary Table: DDRT 200X | 260X | smartTILT

- Equipped with DDM (Direct Drive Motor)
- Zero Backlash, Achieves High-Precision Indexing
- Offers Stable Machining through Powerful Clamping
- Allows High-Efficiency Machining using Additional Axis
- DDRT Additional Axis Included

**Koma Precision - Additional Axis**
Rotary Table: RNE-200R, RWA-250R 4th Axis | TWA-160 4th/5th Axis

- Heavy Pneumatic Clamp Force Eliminates the Need for Hydraulic Supply
- Speed and Drive Torque Along With Accuracy Equals Faster Better Parts
- Engineering Assistance Available for Layouts and Special Applications
- In House Integrations Division for Seamless Rotary Table and Hydraulic Integrations

**Lyndex-Nikken - Additional Axis**
Rotary Table: CNC302FA-M | 5AX-201FA-M

- Heat Treatment provides **Wear Resistance**, while Ion-Nitride Worm Wheel and Alloy Worm Screw Design **Optimizes Rigidity**
- Brake System can be Set to either Air or Hydraulic in order to Accommodate for High Production or Aggressive Milling Applications
- Compact Rotary Table Design minimizes the space required on the Machine Bed

**Technitron - Additional Axis**
Rotary Table: Integrator | Rotary Table Solutions | Turnkey Capabilities

- Additional Axis Allows for Machining on 4 Sides of a Part
- Setting Higher Standards with Professional Timely Field Installations
- Enhancements on existing and new machines
- Multiple Brand Solutions, One-Stop Solution for Milling Machining Centers
DMG MORI - Chip Removal
Chip Conveyor: Scraper | Scraper/Drum Types

- Transferring out long/short types of chips
- Any types of coolant can be used
- Efficient Filtration and Removal of Material
- Machine up-time to a Maximum

LNS America - Chip Removal
Chip Conveyor: Filtering | Magnetic | Hinge Belt Type

- Filtering: Aluminum or Mixed Coarse & Stringy Material; MH 250 Filters down to 250 Micron - Coolant Tank clean out is reduced
- Magnetic: All Cast Iron Applications and any material producing fine ferrous chips is ideal
- Hinge Belt: Coarse, Stringy, and Plastic Material
- Easy chip removal, increasing machine productivity

ATS Systems CoolJet - Coolant Systems
Coolant Unit: 70-36V Series

- Pressure - 300psi/20bar to 1,000psi/70bar Automatic Variable Volume (8gpm/30lpm)
- 5 Micron Dual Filtration Quick Change in Seconds making long stringy chips smaller and manageable
- Longer Tool life by 16x, Higher Speeds/Feeds by 10x, Improved Part Finishes & Overall 30% Productivity Increase
- Integrable 2-ton Chiller and/or 850 cfm Mist/Smoke Collector Mounting saves on Footprint

ChipBLASTER - Coolant Systems
Coolant Unit: D30-70

- Compact Design
- Casters for ease of movement
- Dual cartridge 10 Micron filters Changeable with zero downtime
- Faster Feeds/Speeds, Longer Tool Life, Better surface finish
**Quick Change Pallet System for Faster Set Ups**
- Quick Part Changeover with Micron Precision

**Quick Change 8” Manual Chuck for Holding Round Parts in a Mill**
- With Quick Jaw Change System, Serrated Jaws can be Changed Within Minutes with High Repeat Accuracy

**Self Centering Vice with 5” Jaws for Raw and Finished Part Machining**
- Repeat Accuracy of Up to ±0.01mm, Flat Design, Large Clamping Range

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**Blum-Novotest - Measuring**
Probe Device: Part | Table | Laser Tool Probe

- Reduce part setup time by touching off part geometries, record workpiece location and orientation within the machine tool
- Contact Solution for Measuring Tool Length, Radius, and Detecting breakage
- Non-Contact Monitoring Tool Breakage/Wear for Tool Length/Radius which updates Tool Offsets Automatically
- Recording these values requires no operator input once executed, avoiding errors that common arise from incorrectly entered tool values

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**Renishaw - Measuring**
Probe Device: PowerProbe 40 | Optical Tool Setter

- PowerProbe 40: Ultra-Compact Spindle Probe for Automated Part Set-Up and In-Cycle Gauging on Machining Centers
- Measurement System for Automated Part and Tool Setting
- OTS is a Cableless Tool Setting and Broken Tool Detection System for CNC Machining Centers
- This Twin Probe Optical System is up to 10 times Faster than Manual Methods, which Means Immediate Cost Savings

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**Sandvik Coromant - Tooling**
Versatile, Productive Milling, Boring and Hole Making Solutions

- CoroMill milling cutters for facemilling, shoulder milling, slot milling and profile millings with insert grade technology optimized for material and application
- Holemaking and Precision Boring solutions featuring innovative insert technology, replaceable tip drill productivity and broad rough/fine bore application range
- Smart Tooling Certificate program provides simplified, flexible tooling selection and order process, by product and by application

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**SCHUNK - Workholding**
Pallet System: NSL + | Chuck: ROTA-S + | Vice: KSC

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- Monitoring
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