Whip Mix’s Roland DWX-50 Dental Milling Machine is the result of more than 20 years of experience and ongoing development. The mill fits the needs of any size laboratory because it offers a compact design, clean, quiet operation, true precision machining and detailed anatomy.

The DWX-50 streamlines the production process with simultaneous 4 or 5-axis machining capabilities and a 5-station automatic tool changer. The well-made and well-tested mill is also compact, easy to set-up and easy to use. An integrated air blower system aids the removal of materials such as PMMA and Zirconia, along with a built-in dust collection tray that can be easily connected to any independent high-velocity suction system. In addition to all of that, the DWX-50 Mill offers automatic calibration, easy maintenance and a two-year parts and labor warranty.
The Roland Mill

The DWX-50 Dental Mill is ideal for the precision milling of wax, zirconia, and PMMA with a maximum machine speed of 3,600 mm/min and maximum spindle speed of 30,000 rpm.

- 4 or 5-Axis Simultaneous Machining
- 5-Station Automatic Tool Changer
- Fast milling speeds (2x faster than other mills)
- E-mail error notifications
- Open design for easy integration with any open scanner
- Multicast capable enabling you to increase production by connecting up to four machines to one computer

The Roland Mill from Whip Mix comes complete with:

- PC Tower
- Carbide Cutting tools (2mm, 1mm & 0.6mm)
- 1-year License Renewal
- 2-days Training at Whip Mix
- 3-year warranty on PC Tower
- 2-year parts & labor warranty on Roland

Accessories

SUM3D CAM SOFTWARE
SUM3D CAM Software is an intuitive, easy-to-use software solution mated specifically to the Roland Mill for problem-free milling. The 4 and 5-axis milling options feature customizable stock libraries and dynamic stock management. Re-use partially-milled discs with nesting control as the result of a predefined, optimized machining strategy library. In addition the software offers collision control on the tools, spindle, stock and components.

SUM3D 4 AXIS PRO
- Use smaller stock with the automatic inclination control
- Creates connectors automatically
- Automatically creates prep-lines on border collets
- Offers customizable report of milled items

SUM3D 5 AXIS FULL
- Use smaller stock with the automatic 5 axis inclination control
- Automatic undercut detection and management
- Manages implant bridges, interlocks
- Machining of internal edges of hexagon for abutments

VACUUM
Whip Mix offers a high velocity dust collector unit that ensures a consistently clean mill & work area.

CUTTING TOOLS
Additional cutting tools are available in Carbide, Gold (titanium nitride) and Diamond in the following sizes:

- 2mm for bulk reductions, 0.6mm for anatomy
- 1mm for shaping, 0.3mm for fine anatomical detail

WHIP MIX VERICORE MILLING MATERIALS
A complete line of Vericore® milling discs:
- Zirconia for copings & full contour crowns, bridges, inlays, onlays & veneers
- Wax for patterns used in casting & pressing
- PMMA for long term provisional restorations, patterns & diagnostic try-ins

TRAINING & SUPPORT
Whip Mix offers comprehensive and customizable, in-depth software and hardware training. Standard 2-day training course at Whip Mix is included with the purchase of a Roland Mill. In addition, Whip Mix offers free continual remote support.