

Tool & Cutter Grinders

VGrind 360, 360E, 360S, 340S

Five-axis grinding machine for the complete machining of carbide tools up to 100 mm diameter. Tools are machined on two vertical grinding spindles for the highest level of productivity and precision. Intuitive NUMROTOplus software with 3D simulation and collision monitoring. Free software updates for life provided by NUM.

Tool Ø 0.3 mm – 100 mm* (0.01" – 3.93")

Automation options available



Erosion Machines for PCD Tools

VPulse 500

Highly efficient wire erosion machine for manufacturing and servicing PCD-tipped tools in wood and metal applications. Powerful erosion generator for maximum cost-efficiency and premium surface quality.

Tool Ø up to 320 mm* (12.59")

Tool length up to 500 mm* (19.68")

Automation options available



QXD 250

Disc erosion machine with 6 CNC axes for complete machining of PCD-tipped rotary tools. Intuitive ExLevel PRO software with 3D collision monitoring. Integrated wheel changer for up to six different erosion, grinding, and polishing wheels.

Tool Ø up to 320 mm* (12.59")

Tool length up to 250 mm* (9.84")

Automation options available



Grinding & Erosion Machine

VHybrid 260

Grind carbide tools and erode PCD tools in one machine! To avoid inefficient re-tooling processes, the bottom spindle has been equipped with a fully-fledged erosion unit. Ultra-precise erosion pulses enable surfaces up to a roughness of 0.1 µRa.

Tool Ø up to 150 mm* (5.9")

Tool length up to 360 mm* (14.17")

Automation options available



Circular Saw Grinders

CHC, CHP 840 or 1300

Top and face grinding of carbide-tipped circular saw blades for efficient use in aluminum, plastic, and wood applications. The CHP is also capable of metal applications. Complete machining of all common tooth geometries in just one cycle.

Saw blade Ø CHC or CHP 840	80 – 840 mm (3.15" – 33")
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Saw blade Ø CHC or CHP 1300	80 – 1300 mm (3.15" – 51")
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CHF 840 or 1300

Five CNC-controlled axes for the flexible and precise machining of tooth sides on carbide-tipped circular saw blades. Space saving design and ideal accessibility for operators. Storage for up to 4,000 programs.

Saw blade Ø CHF 840	80 – 840 mm (3.15" – 33")
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Saw blade Ø CHF 1300	80 – 1300 mm (3.15" – 51")
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CHX 840 or 1300

Versatile sharpening machine for TCT circular saw blades. Double grinding wheel technology for tooth face & top machining in one single setup! Optional automatic workpiece loader for up to 25 saws.

Saw blade Ø CHX 840	80 – 840 mm (3.15" – 33")
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Saw blade Ø CHX 1300	80 – 1300 mm (3.15" – 51")
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Automation option available for CHX 840



CHD 270 / CHF 270 Service Center

The CHD 270 for tooth top and face machining and the CHF 270 for tooth side machining can be combined with an optional handling system with up to 7 loading carriages to form a highly flexible service center with a capacity of up to 650 blades.

Saw blade Ø CHD or CHF 270	80 – 840 mm (3.15" – 33")
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Automation options available



& many more!

For the full range of machinery visit www.vollmer-group.com Live demonstrations are available at the new state-of-the-art showroom in Pittsburgh, PA or at the VOLLMER Group headquarters in Biberach, Germany. Please contact your local sales representative or our Pittsburgh office for more information.

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