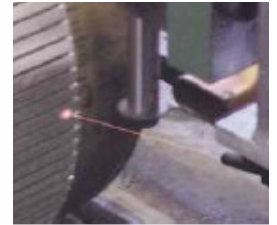


CU Automatic Lathe Undercutter

Automatic Undercutting... Reduces Need for Skilled Operators



Accurate Laser Indexing

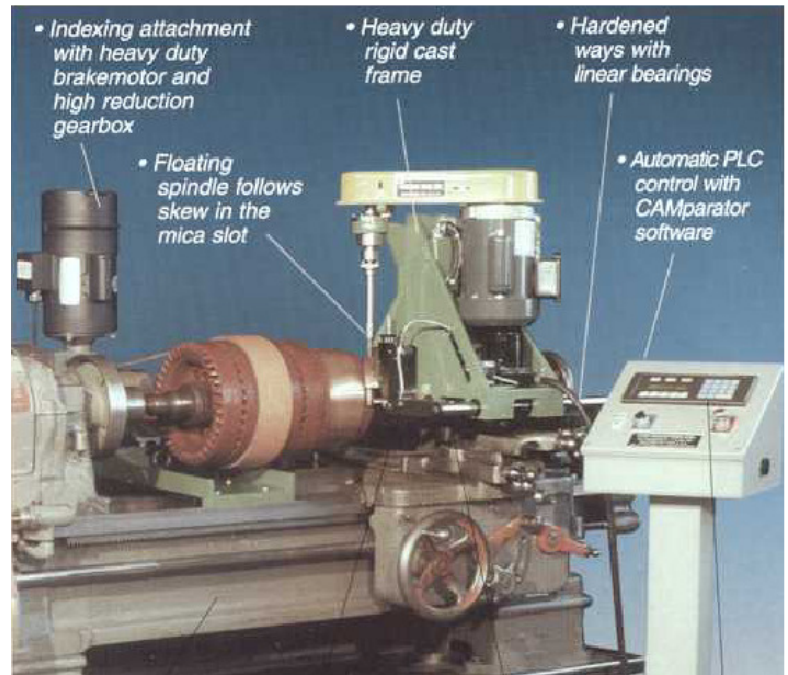
Set it up, Turn it on and Walk Away!

Designed specifically for shops undercutting small quantities of a wide range of DC motors, including traction motors, the CU Automatic Undercutter mounts on your existing lathe. It consists of three components; an indexing unit, a pedestal PLC controller, and the Undercutting head with its floating spindle and sensor system. Laser technology is used to detect each mica slot and automatically align the saw.

Sets up in minutes - Simply install the armature in your lathe, position the index belt, program the number of slots into the PLC controller, set the stroke length stops and activate the laser indexing sensor.

Consistent performance without an operator - Once placed in automatic mode no adjustment is required, so your operator is free to perform other shop tasks while the CU undercuts the commutator.

Repeatable high quality Undercutting made easy - So simple to use that anyone can do it after a few minutes of training. Ergonomically safe, the CU Automatic Mica Undercutter takes the skill and operator fatigue out of the process. It increases every shop's productivity and flexibility!



Loaded with all the Advanced Technology that Provides Better, More Consistent, High Quality Results.

Laser Sensor - for accurate mica detection and saw alignment - works automatically thus freeing operator to perform other shop tasks while machine works.

Variable Speed Control - allows adjustment of the carriage speed to optimize the cutting conditions.

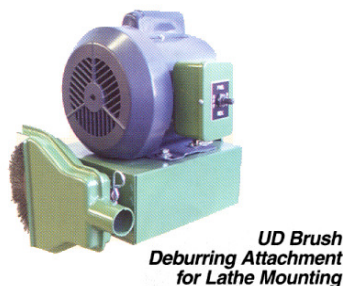
Carbide Saws - designed to stay sharper, last longer and cut smoother.

Climb Cut Saw Rotation - cuts from the top down into the mica providing smooth cuts with less burrs and better side mica removal.

Floating Saw Spindle - eliminates constant tracking adjustments and automatically tracks skewed mica.

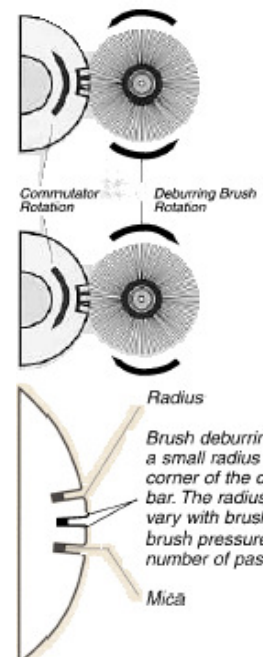
Adjustable Skew - easily repositions undercutter to follow severely skewed mica without shimming.

Built to Last - rugged, robust construction with a high strength aluminum cast frame, two case hardened stainless steel round ways with linear bearings mounted on a metal base.



UD Brush Deburring Attachment for Lathe Mounting

Brush bristle deflection by opposed contact during rotation removes burrs from one side of the undercut mica slot. By reversing direction, the burr is removed from the opposite side of the bar.



Save Hours of Hand Finishing Work

By adding CAM's Exclusive UD Brush Deburring Attachment to your CU Automatic Undercutting System you'll save hours of handwork by eliminating hand chamfering.



TEL: (717) 637-5988 FAX: (717) 637-9329
215 Philadelphia Street, Hanover, PA 17331 USA
caminnovation.com ■ custom-taping-machines.com