CUTTING SOLUTIONS

OLESON Saw Technology

ISELI KHB 100

Precision sharpening for maximum circular saw blade performance



Fully automatic CNC sharpening system

The ISELI KHB 100 is a fully automatic CNC sharpening system designed for complete machining of carbide- and Stellite-tipped circular saw blades. By combining top and face grinding in a single setup, it delivers **exceptional accuracy, reduced setup time, and consistent results** across a wide range of blade geometries. Built with Swiss precision, the KHB 100 helps maximize cutting performance while improving operational efficiency.

iseli SWISS PRECISION

ADVANCED GRINDING CAPABILITIES

Complete machining in one setup
Simultaneously grinds tooth face and top surfaces without reclamping, ensuring alignment accuracy and reduced handling time

High-precision automatic zero-point detection
Grinding wheel probing automatically determines the tool reference point for consistent, repeatable results

Advanced CNC control (multi-axis system)
Up to 7 CNC axes, enabling fully programmable tooth geometries and complex profiles

Full geometry flexibility
Processes all tooth geometries—including bevel and chamfer—in a single setup

Optimized programming and setup
Fast, safe parameter input simplifies operation and reduces setup time

MACHINE FEATURES

Wide blade capacity
Processes circular saw blades from 7 to 34 inches in diameter

Programmable tooth parameters
Adaptable to various cutting applications and blade configurations

Automatic down feed grinding
Enables precise finishing in single or multiple passes based on application needs

Radius tracking feed system
Ensures smooth blade movement and accurate tooth positioning

Compact and ergonomic design
Space-saving footprint with user-friendly operation for efficient workflow

RELIABLE SWISS PERFORMANCE

Engineered and manufactured in Switzerland, the KHB 100 delivers long-term reliability and consistent sharpening quality. Its robust construction and advanced automation reduce manual intervention while supporting precision results, longer blade life, and improved cutting performance.

Distributed exclusively in the USA by Oleson Saw Technology, a Comact Cutting Solutions division.

Contact us to learn more.
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