

Weinig OptiControl-



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The OptiControl is an electronic measurement and display system designed for obtaining tool data and adjustment information for a moulder. It plays a crucial role in various aspects of woodworking, offering benefits such as shortened setup times, increased flexibility in part production, and the prevention of material losses.

Key features of the OptiControl tool measurement system include:

Optical Measurement: The system allows for optical measurement of all tools, providing precise adjustment values directly on the machine. This eliminates the need for manual measurements and ensures accuracy in tool positioning.

Setup Time Reduction: By executing adjustment work outside the machine, the OptiControl contributes to a significant reduction in setup times. This efficiency is essential for improving overall productivity.

Touch-Free Measurement: The tool measurement system enables touch-free measurement of tool dimensions, including the radius (R) and height (H). This not only enhances accuracy but also minimizes the risk of damage to the tools during measurement.

Electronic Digital Displays: Precise measurement and display are facilitated through electronic digital displays, ensuring that the obtained data is accurate and easily readable.

Projector for Optical Measurement Recording: The inclusion of a projector with twenty-fold enlargement capability allows for detailed optical measurement recording, further enhancing the precision of the tool measurements.

Absolute Dimension for Distance Measurement: The system supports absolute dimension measurement, useful for distance measurement, for example, with saw packages.

Connectivity to PC: The OptiControl is designed to connect to a PC, allowing users to leverage PowerCom software for additional functionalities, data analysis, and management.

Benefits include:

Simple and Precise Adjustment Positions: Users can easily and precisely obtain adjustment positions for the moulder, leading to improved accuracy in the machining process.

Easy Operation: The system is designed to be user-friendly, allowing for manual data transmission to the moulder with ease.

Controlling Blade Concentricity: Tool measurement is crucial for maintaining blade concentricity, ensuring the quality of the machined products.

Setup Time Reduction for Profile Dimensions: Measurement of profile dimensions or distances from groove cutters or saw blades contributes to further reduction in setup times, enhancing overall operational efficiency.

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