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SilverCNC Unveils Revolutionary 5-Axis Riser and Vise Solution to Overcome Machining Limitations

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5 axis vise - Thursday, January 30, 2025.

Submitted by [Mr. Liu](#).



The image shows a promotional graphic for SilverCNC's 5-axis vise. On the right, a photograph shows a blue industrial vise mounted on a machine table, with a circular inset providing a closer view of the vise's mechanism. On the left, the SilverCNC logo is displayed above the headline: "SilverCNC Unveils Revolutionary 5-Axis Riser and Vise Solution to Overcome Machining Limitations". Below the headline, a "CONTACT US" button is followed by a phone icon and the number "+86-18098920890", and a globe icon with the website "www.silvercnc.com".

SilverCNC, a leading innovator in machining solutions, proudly announces the launch of its latest product, the SilverCNC **5-Axis Vise** with an integrated base plate. This groundbreaking development is set to revolutionize the machining industry by addressing common challenges such as large five-axis travel restrictions and interference, significantly enhancing accessibility and efficiency for machinists worldwide.

"Our new **5-Axis Riser and Vise** offers a transformative approach to five-side machining, making it easier for operators to access all sides of a workpiece with minimal setup adjustments," said Mr. Liu (Sales Head) of **SilverCNC**. "This innovation reflects our commitment to providing high-quality, customizable solutions that meet the evolving needs of our customers."

Revolutionizing Five-Side Machining

The SilverCNC **5-Axis Vise** are designed to overcome the typical limitations of large five-axis travel restrictions and interference. By improving accessibility for machining on all five sides, this solution allows operators to achieve greater precision and efficiency in their work. The riser can be mounted directly and firmly on the machine table or set up and

removed on a 96mm distance zero-point base plate, offering unmatched versatility in machining operations.

SilverCNC has a history of pushing the boundaries of what's possible in the machining industry. The new **5-Axis Riser and Vise** are a testament to their dedication to innovation, providing machinists with tools that not only enhance productivity but also reduce setup time and effort. This new product is especially beneficial for industries that demand high precision and efficiency, such as aerospace, automotive, and medical device manufacturing.

Key Features of the SilverCNC 5-Axis Riser and Vise

Aerospace Grade Aluminum Construction

Built from high-strength aerospace-grade aluminum, the riser and vise offer exceptional durability and stability, ensuring long-lasting performance even under heavy-duty machining conditions.

Integration with SC96-S195 Zero Point Base Plate

The product is designed to seamlessly integrate with the SC96-S195 zero-point base plate, providing a stable and precise setup that can be easily adjusted or removed as needed.

Customizable Fixing Holes

Recognizing the diverse needs of machinists, SilverCNC offers customization options for the fixing holes, which can be designed based on the machine's T-slot size. This ensures a perfect fit and optimal performance for various machine models.

Thickness Tolerance: 0.05mm

The riser and vise are manufactured with a thickness tolerance of 0.05mm, guaranteeing precision and consistency in machining operations.

"This product not only addresses the common pain points in five-axis machining but also opens up new possibilities for our clients," stated Mr. Liu (Sales Head) of Product Development at **SilverCNC**. "The ability to customize the fixing holes based on T-slot sizes allows for a tailored fit, making it a versatile tool for any machining setup."

SilverCNC's latest offering is a game-changer for machinists looking to improve their workflow and achieve higher precision in their projects. By integrating the riser and vise with the SC96-S195 zero-point base plate, users can achieve the desired height adjustments with ease, enhancing the flexibility and capability of their machining operations.

Supporting Customization for Diverse Needs

Understanding that every machining operation is unique, SilverCNC supports customization requests for the **5-Axis Vise**.

Customers can send their 2D drawings to SilverCNC's sales team to have the fixing holes designed according to their specific machine T-slot size. This level of customization ensures that each product meets the exact requirements of the user, providing a bespoke solution that enhances machining performance.

Commitment to Innovation and Quality

SilverCNC has built a reputation for delivering high-quality, innovative solutions that address the challenges faced by machinists. With the launch of the **5-Axis Riser and Vise**, the company continues to lead the industry in providing tools that enhance precision, efficiency, and ease of use.

"We are committed to our customers' success and continuously strive to develop products that push the boundaries of what is possible in machining," added Mr. Liu, "Our new riser and vise are designed to do just that, providing a solution that is both practical and revolutionary."

Availability and Ordering Information

The SilverCNC **5-Axis Vise** are available for order starting today. Interested customers can visit www.silvercnc.com/product/5axis-riser for more information or contact SilverCNC's sales team at sales@silvercnc.com to discuss customization options and place orders.

About 5 axis vise

SilverCNC is a leading provider of advanced machining solutions, dedicated to delivering innovative, high-quality products that meet the evolving needs of machinists and manufacturers. Understanding that every machining operation is unique, SilverCNC supports customization requests for the **5-Axis Vise**. Customers can send their 2D drawings to SilverCNC's sales team to have the fixing holes designed according to their specific machine T-slot size.

[More about 5 axis vise](#)

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