ChronoCut

ChronoCut, featured in the V series, is now standard, enhancing the speed of Nakamura-Tome machines.



What is ChronoCut?



A unique function by Nakamura-Tome designed to reduce idle time. ChronoCut minimizes idle time during machine running without compromising accuracy, even without any changes to the cutting conditions.



We have accelerated more than 15 functions.

- Spindle synchronization
- C-axis positioning
- Return to the reference point
- · Rigid tapping

- Cutting off / Transfer
- Machine coordinate system positioning

We have sped up more than 15 functions, including those mentioned above.









3 Benefits

Enhance productivity

ChronoCut reduces idle time during machining, leading to shortened cycle time and lead time.



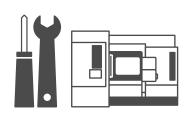
Not necessary to modify the cutting conditions

ChronoCut shortens only the idle time. As cutting conditions remain unchanged, there is no effect on the machining accuracy of the workpieces.



No complicated settings required.

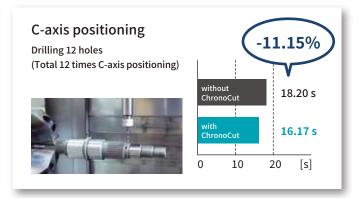
ChronoCut is a standard feature included in the designated machines. No special configuration is required, allowing you to use ChronoCut right from the day of purchase.

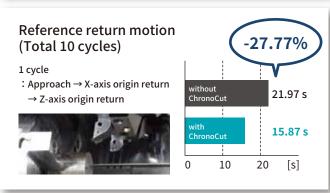


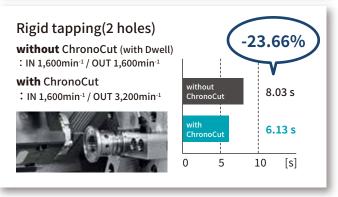


Obtained Results









^{*1} The obtained results may vary depending on changes in cutting conditions and/or the user environment.

Machine Models Equipped with ChronoCut (on machines shipped in May 2024 ex-factory)



- *2 ChronoCut will be standard equipment starting from the machines shipped in May 2024.
- *3 This function in not available for SC-250, SC-450L, and TW-8.
- *4 The full version of ChronoCut is installed only in the V Series, such as WY-100V.



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