

No.	005-24
区分	修理
対象	マシニングセンター

SHIOZAWA NEWS

製造者	新潟マシン
型式	NH1000
内容	Y軸の精度不良

【 Overview of repair machines : Y-axis accuracy failure on horizontal machining center 】



【Y-axis column needs to be removed; to be done at customer's factory】

【 Key points of the exchange operation : After replacement of Y-axis turcite, accuracy of X, Y, and Z axes is checked.】



The Y-axis column was found to be inaccurate due to peeling of the turcite used in the Y-axis column, and only the Y-axis column was brought to our factory to have the turcite replaced.

【 Implementation details and approximate man-hours 】

- ◆ Y-axis is removed, turcite is pasted, and the accuracy is again improved by Kisage (Scraping).
- ◆ Y-axis column (7 tons in weight) is removed at the customer's factory and brought to the in-house factory.
- ◆ Worn sliding surfaces on the Z-axis are corrected by on-site lapping

【 Overview of maintenance works 】

Preliminary inspection and preparation

- ◆ At the customer's factory, we removed the column section from the machine and checked the slide section.
- ◆ Only columns are brought to the in-house factory for repair work.

Works

- ◆ Stripping the turcite from the column.
- ◆ Replacing turcite: 3 days + Kisage (Scraping) & installation work

追加項目の発生要因

- ◆ 現地での取付及び動作確認
- ◆ 精度出し

If it is to be installed after Turcite and other parts have been received. ;

