

|                    |           |
|--------------------|-----------|
| No.                | 0012-24   |
| job classification | Repairing |
| target machine     | Grinding  |

# SHIOZAWA NEWS

|              |                 |
|--------------|-----------------|
| Manufacturer | Tecno Wasino    |
| Model        | TFG-M1          |
| Task         | Repair of table |

## 【 Overview of repair machines : Table movement is not smooth 】



【Appearance of same type of machine】



【Removing the table section】

## 【 Key points of the repair : Lapping of roller bearing contact area 】



【Examination of roller bearing contact area】



【Inspection with strainer】

## 【 Implementation details and approximate man-hours 】

- ◆ Lapping is performed on the sliding surfaces while checking the contact of the roller bearings on the four surfaces that support the table's movement.
- ◆ Slideways are accurately checked for waviness by means of a strainer (straight edge) and then lapped.
- ◆ Roller bearings are replaced depending on the situation.

When performing the necessary strainers/parts as soon as they are available. ;

Works ; 2days

Total:2 days

## 【 Overview of replacement works 】

### Preliminary inspection and preparation

- ◆ Check the waviness of the sliding portion by using a strainer, and correct the sliding surface by lapping depending on the situation.
- ◆ The table movement is corrected using an accurate leveling device while checking the contact of the roller section.

### Works

- ◆ If the parts are available and the wear is of a level that can be corrected by hand wrapping, the work can be repaired in two days.

### Factors causing additional items

- ◆ The degree of wear on the contact area of the roller section will determine the nature of the work and the time required. If the wear is so severe that it cannot be removed by lapping, additional table grinding is required.