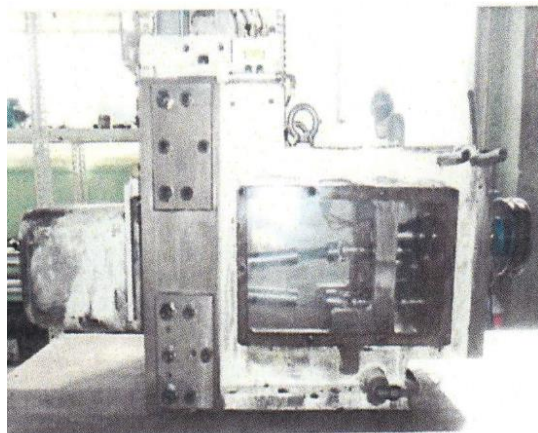
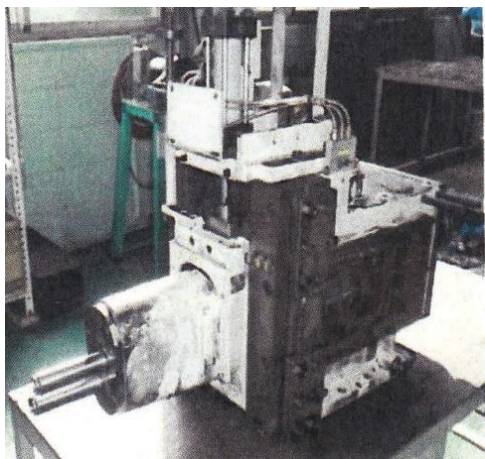


No.	003-24
job classification	preventive maintenance
target machine	Multi-heads

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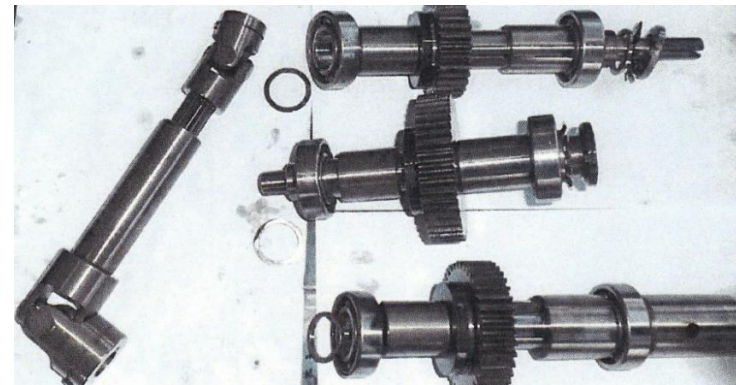
Manufacturer	
Model	Multi-heads
Task	Inspection & bearing replacement

## 【 Overview of repair machines 】



【Interior view when the side cover of the machine is removed.】

## 【 Key points of the exchange operation : Inspect for shaft & component damage in various parts, replace bearings 】



【Bearings and their components】

## 【 Implementation details and approximate man-hours 】

### Check accuracy before/after bearing replacement

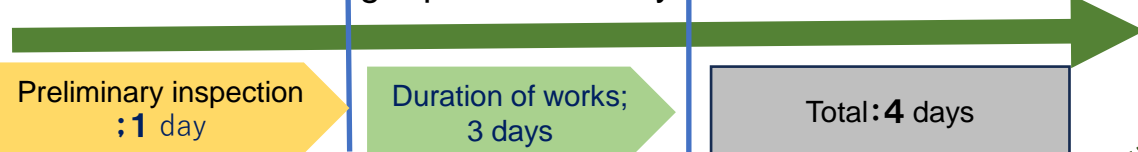
(Axial accuracy)

(軸頭正面から見る)



Before		①	②
	A	0.06	0.08
	B	0.004	0.002
	C	0.01	0.02
■ A: 上下方タ			
After		①	②
	A	0.01	0.02
	B	0.001	0.001
	C	0.004	0.006
■ A: 上下方タ			

### Man-hours for bearing replacement only ;



## 【 Overview of replacement works 】

### Preliminary inspection and preparation works

- ◆ One inspection day is required as a preliminary inspection of the machine's condition.
- ◆ All bearing parts are to be supplied by the customer.

### works

- ◆ The actual work for bearing replacement work is three days, provided that all parts are ready.

### Factors causing additional items

- ◆ In case of damage to shafts or other components other than bearings, delivery time will be separately discussed.
- ◆ Seals and other parts may need to be replaced due to cutting oil contamination.