

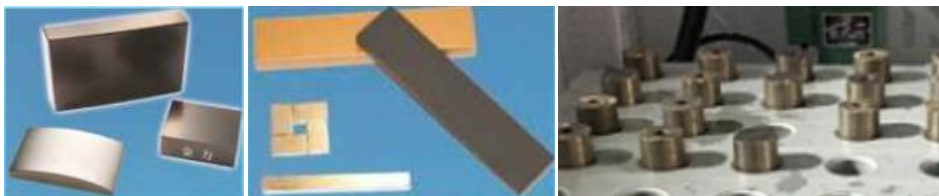
# S7 precise CNC lathe + Gantry loader in tray as the feeding system



Dalian Haisen Machinery Co.,Ltd. specialized in precise CNC lathe, gantry loader, and feeding system so on, below is a project introduction for the automotive parts industry application.

**Direct-Application:**

Below is some of the customer cases parts machined by our CNC LATHES for your reference.



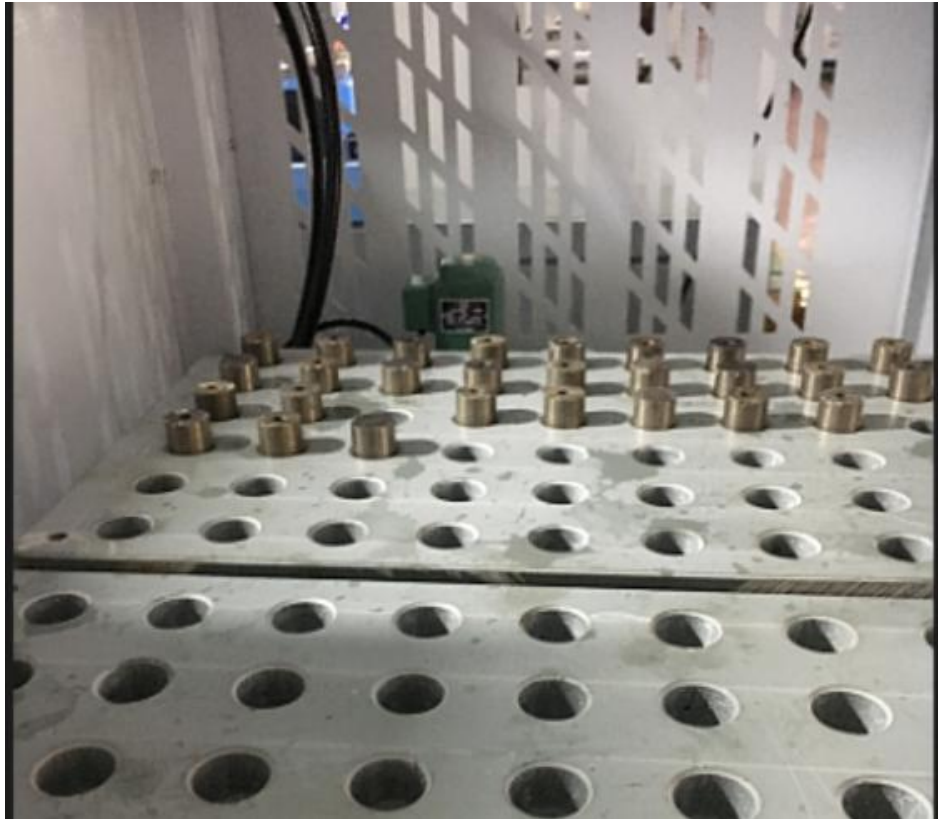
**Indirect application:**



**Typical customer:**

One MAG Rare-Earth Company

**Machining product:**



**Introduction:**

As for this product, considering customer's mass production requirement,

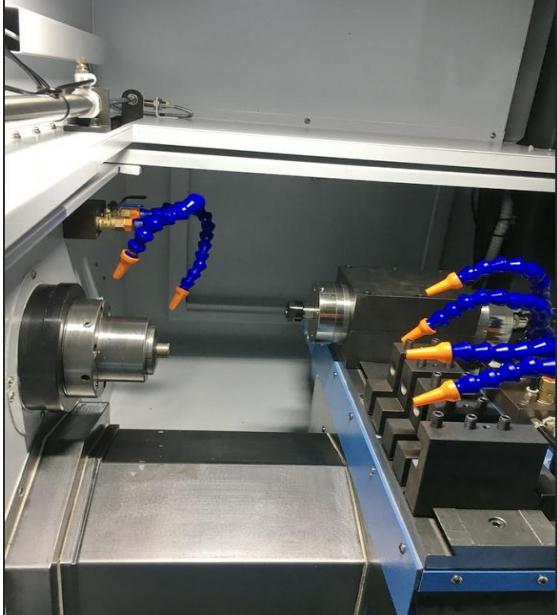
- We propose our precise CNC lathe with gantry loader, for saving the labor cost and improving the production efficiency.
- Due to the product has a high request on the roughness finish, we take the motor spindle (electric spindle instead of mechanical spindle) for improving the brightness and efficiency, and to get a better stability.
- Meanwhile due to the two ends need to be machined, we added one change-over ends device, for realizing change the ends automatically.
- Due to there is one hole needs to be machined, we added one electrical live tool to reach this request.

**Specify solution:**

In order to have a continuous production, we use S7 + Gantry loader in tray as the feeding system.

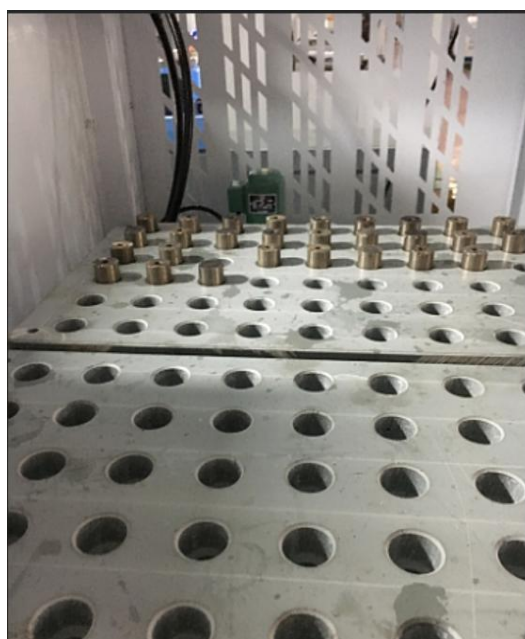


The other added devices i s as below:



Meanwhile due to the high efficiency request, we choose synchronous electric spindle for enhance the spindle rotation speed and cut the noise from driving pulley.

Also, for the gantry loader, we use SMC pneumatic system for more reliable running.



The last even well take care for the packaging

