

## Horizontal Hydrostatic Rotary Surface Grinder

Y/Z-axis is standard with THK /NSK/SCHNEEBERGER linear guideway.

Z-axis with hydrostatic guideway is optional.

With exclusive hydrostatic technology design on rotary worktable and grind wheel spindle which can achieve the maximum wear resistance, a long service life and high accuracy.

Our products are 100% designed and manufactured in Taiwan. All casting components are processed of stress relieving to ensure the machine stability.

Automatic dressing compensation.

Worktable can be pivoted  $\pm 2^\circ$  for calibration.

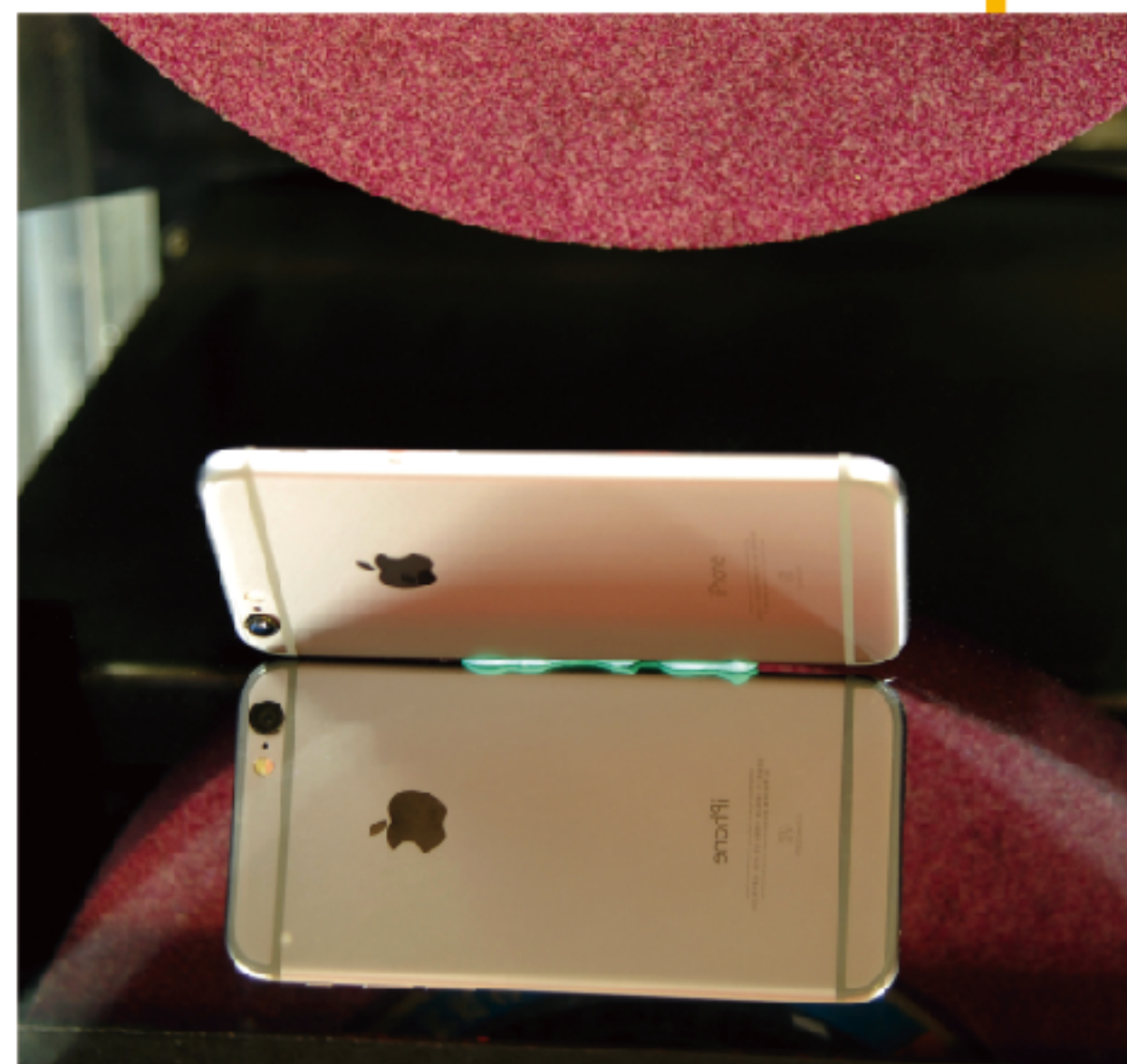
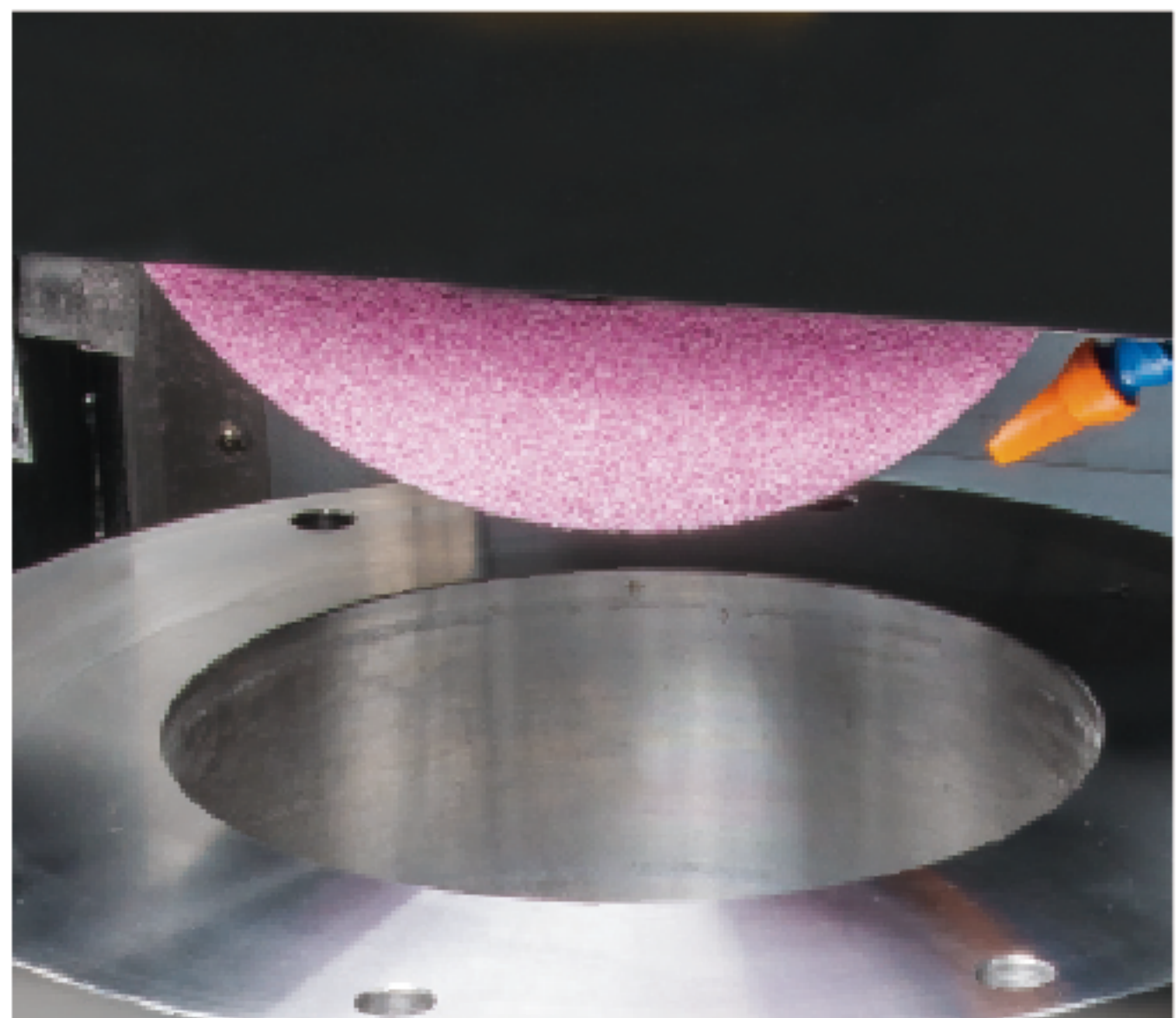
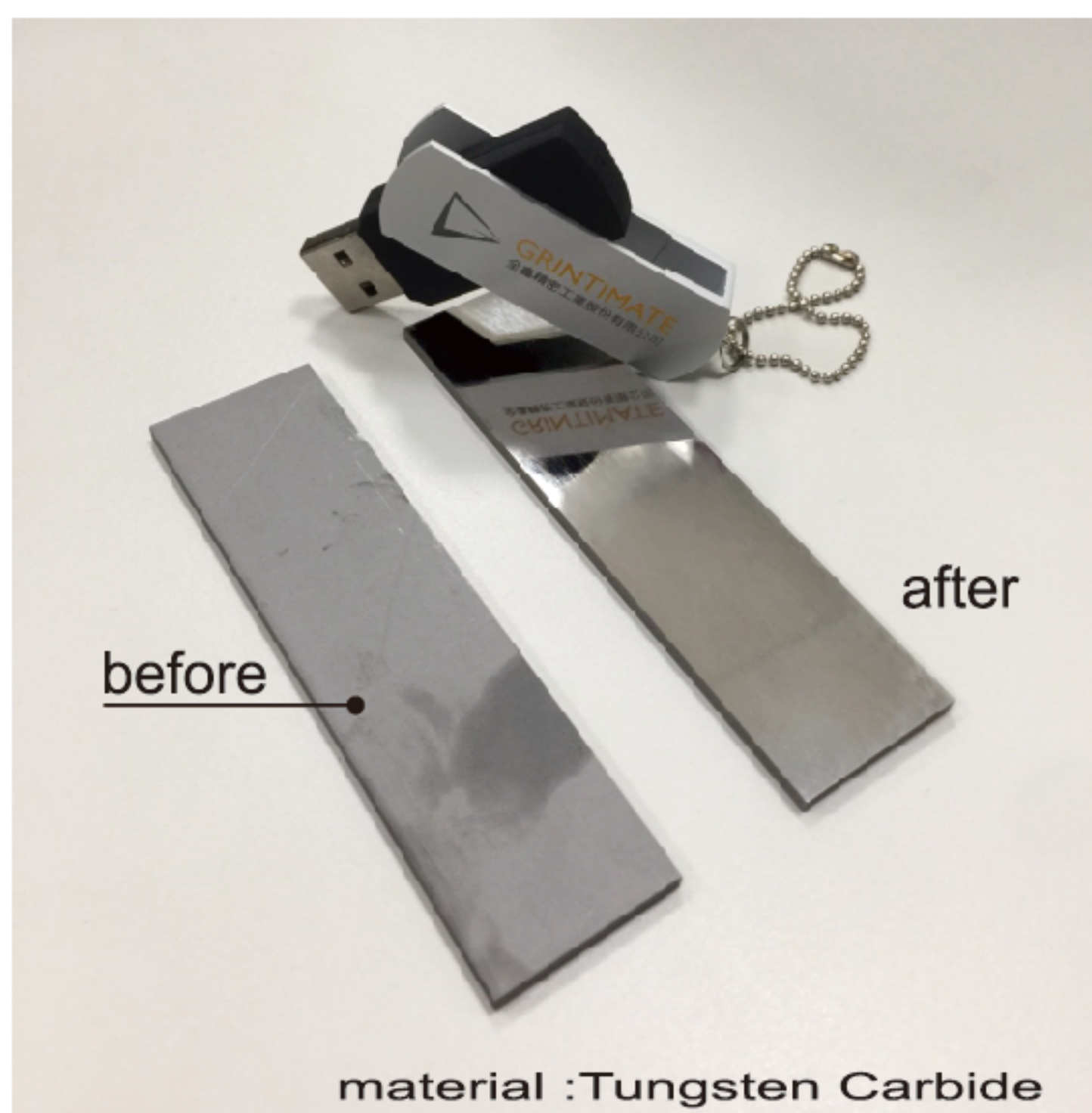
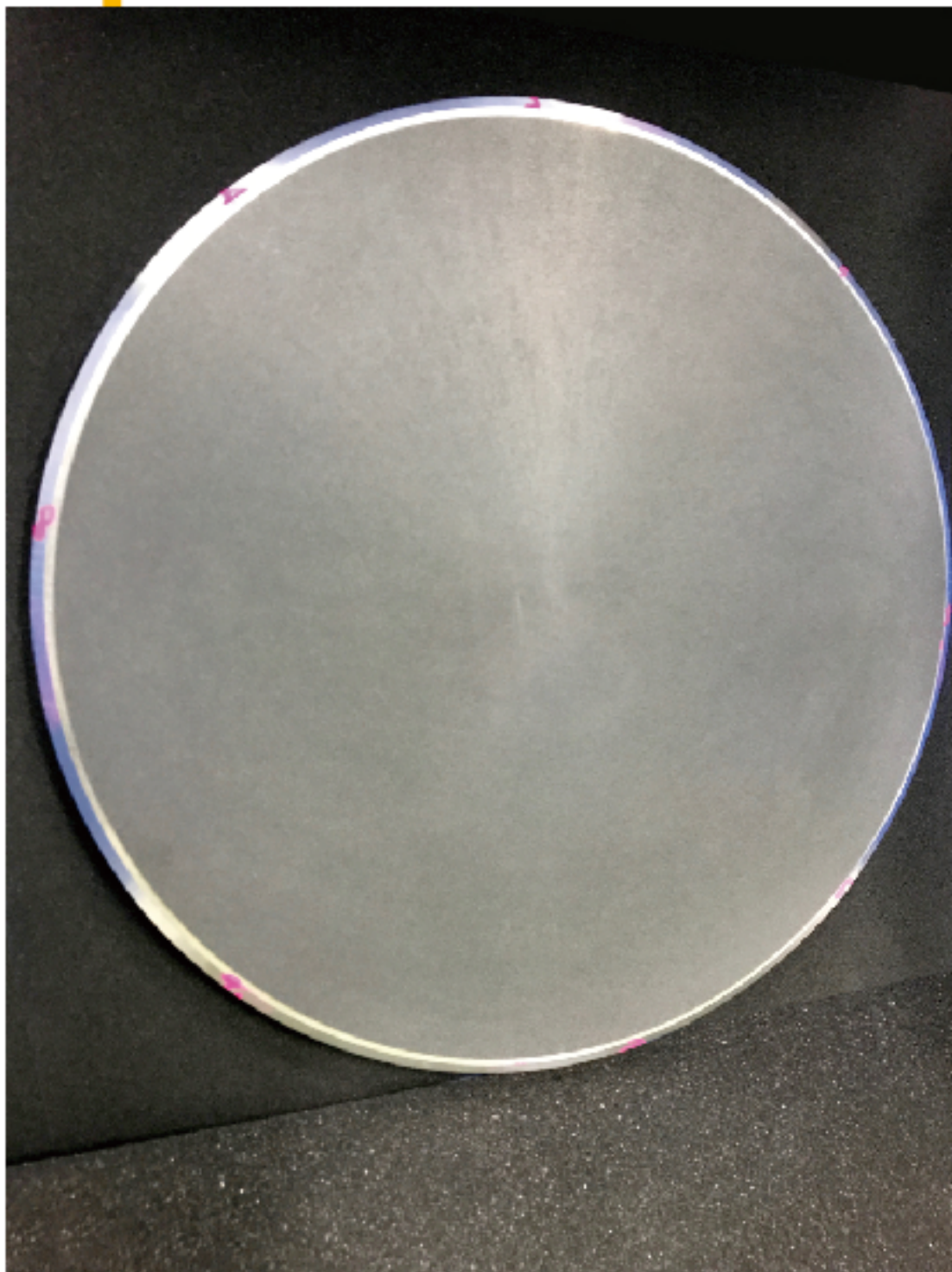
## Rotary Surface Grinder Features

- ▶ The independent but fully hydrostatic axial and radial movement mechanisms enable our hydrostatic rotary worktables to remain stable and vibrate very little, even under the stress of eccentric and high centrifugal forces.
- ▶ Non-friction design of our worktable, rotation accuracy within  $1\mu\text{m}$ .
- ▶ Its static stiffness of at least  $400\text{ kgf}/\mu\text{m}$  makes it ideal for heavy cutting.
- ▶ Diameter  $\varnothing 600\text{ mm}$  rotary worktable maintains a load capacity of 10,000 KG.
- ▶ Mitsubishi/Fanuc controller available, with human-machine interface (HMI) which features fast communication and convenient control for user-friendly operation.





# Workpiece after ground

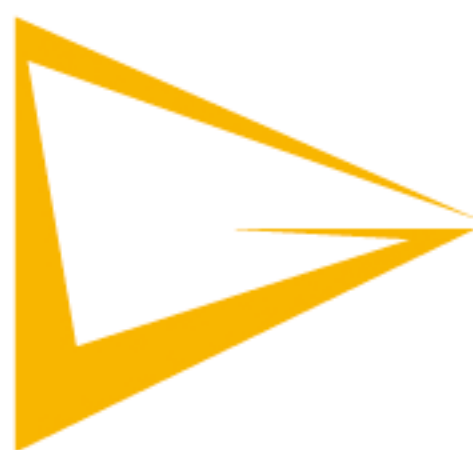


► Fragile, High precision requirement materials are suitable on our grinder, such as wafer, ceramics, etc.

## ►► Specification Table

MODEL	GRC-060	GRC-080
Rotary Table Diameter	Ø600 mm	Ø800 mm
Spindle Center to Tabel Surface	450 mm	450 mm
Angle of Inclination for Worktable	±2 deg	±2 deg
Diameter x Width x Bore	Ø355 x 38 x Ø127 mm	Ø355 x 50 x Ø127 mm
Wheel Spindle Motor	7.5KW/10HP	7.5KW/10HP
Weight	7000kg	7500kg

\* Specifications are subjected to change without notice.



GRINTIMATE



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