

FULLY AUTO  
TOOLING GRINDER  
MODEL:F6

AFAB MACHINERY AND TOOLS LTD.

## WHY NEED AUTO TOOLING GRINDER?

- Punch high quality parts [hole or slug]
- Reduce punch noise
- Increase machine uptime
- Extend tooling life. Get more punch hits

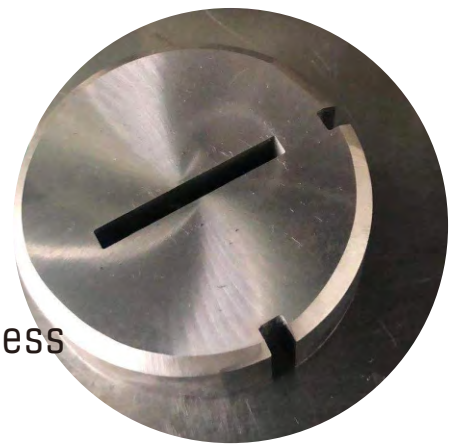


## WHEN SHOULD SHARPEN?

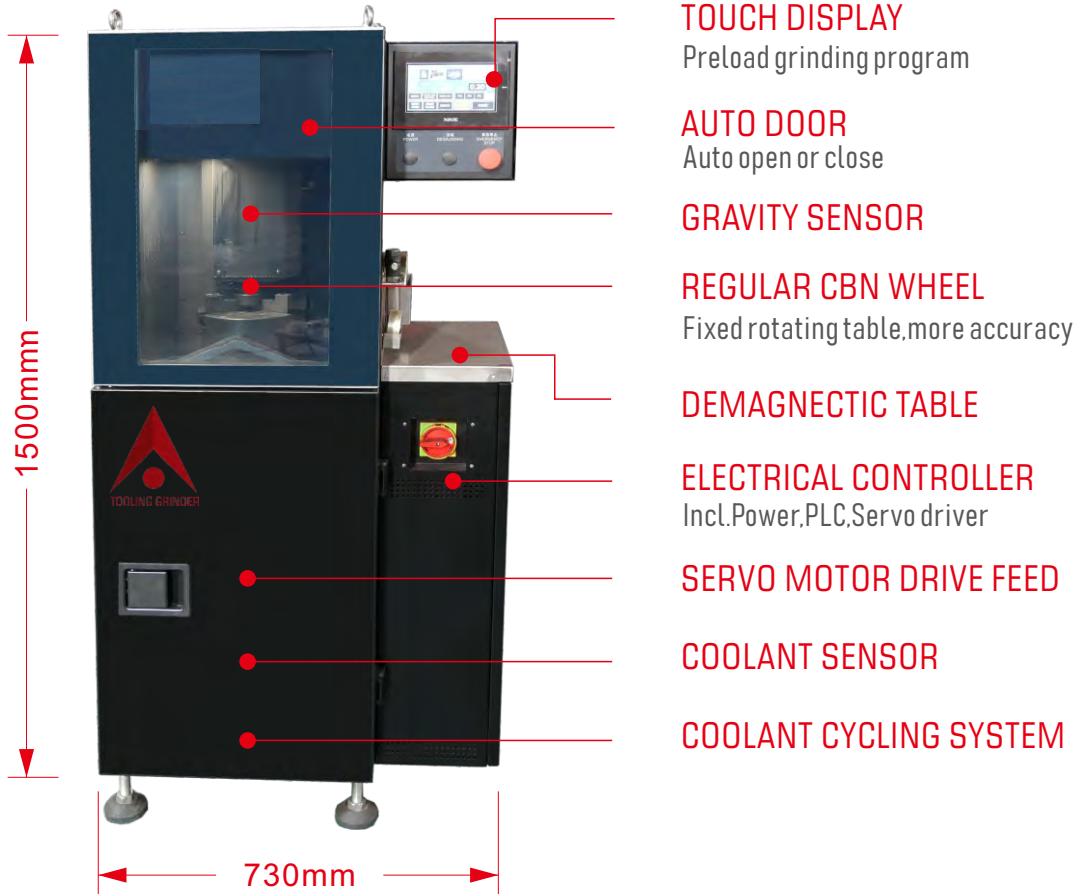
- Tool cutting edge worn over 0.15mm R
- Excessive burrs on hole
- Non-Normal punching noise
- Slug pulling out

## ADVANTAGE OF AUTO PUNCH DIE GRINDER

- Automatically detect surface of punch die
- More grinding, accurate material removal
- Prevent punch die over heat, reducing hardness
- Superior surface finish



## TOOLING GRINDER FEATURE

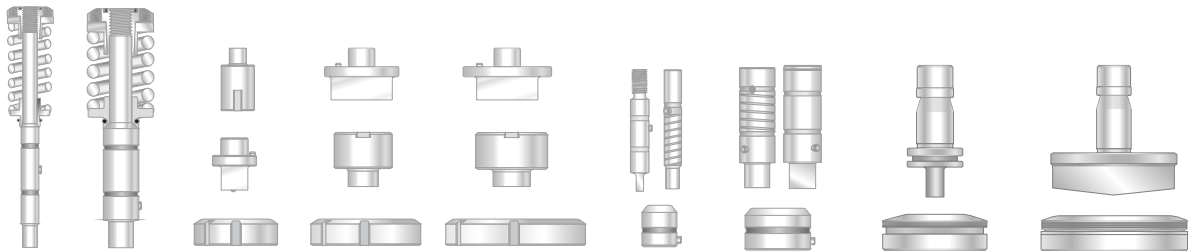


### Gravity sensor

- Auto detect tooling surface
- Adjust feed when wheel overload
- No need to clear water around wheel

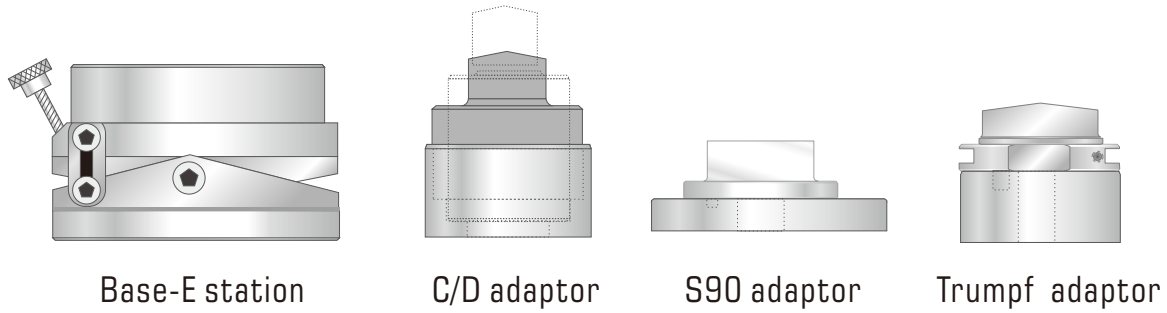
### Safety design

- Protect wheel crack tooling
- Grinding process, door lock
- Sharpening stop & alarm when coolant lack



Auto tooling grinder F6 sharpen a wide range of tooling type including thick turret basic, S90, ultra, trumpf tooling, murata punch die, salvagnini tooling.

## OPTIONAL ROOFTOP FIXTURE ADAPTOR



## Touch Screen Introduction

1. Wheel up by manual
2. wheel down by manual
3. Removal finished
4. Remain time
5. Set removal
6. Door open by manual
7. Door close by manual
8. Demagnetic function
9. Stop button
10. Start button
11. Grinding program



## F6 Tooling Grinder Specification

Voltage	AC380/220V,50HZ/60HZ
Power of main motor	1.1kw,2840rpm
Servo motor	0.75kw
Tooling sensor	Gravity position
Coolant system	Auto cycling
Alarm system	Auto for coolant,voltage
Grinding accuracy	+ -0.01mm
Wheel type	CBN Dia.135mm
Tooling size range	1.6-200mm
Dimension of machine	730mmx540mmx1500mm
Weight of machine	200kg