



Hob Resharpening Machine *HBS1520/CNC*

Special Features

- This machine is developed and designed by Ogasawara Precision Laboratory Ltd. and constructed under our supervision by Saikuni Manufacturing Co. Ltd.
The purpose, to create a machine which can realize finish grinding of Ogasawara AAA Precision.
- With this machine and our instruction, resharpening hobs to original Ogasawara AAA precision can be obtained.
- This machine can perform ultra precision grinding in $1\ \mu\text{m}$ increments, leaving mirror surface finish ($R\ \text{max}\ 0.1\ \mu\text{m}$).
- CNC Control makes for easy setup and fully automated operation, which reduce costs dramatically.
- Our original grinding wheel dresser system is also available.



Specifications

Hob Size	OD ϕ 10~150 mm
Hob Material	Tungsten Carbide/High Speed Steel
No. of Flute	1 ~ 99
Axis Range	X : 300 mm Y : 100 mm Z : \pm 15 mm
Axis Speed/Max.	X : 6 m/min Y : 6 m/min Z : 0.6 m/min
Grinding Wheel Dia. Max.	ϕ 150 mm
Grinding Wheel Speed Max.	5,000 rpm
Machine Dimensions	W : 1,950mm D : 1,330mm H : 1,800mm
Weight	1,800 kgwt

Accessories

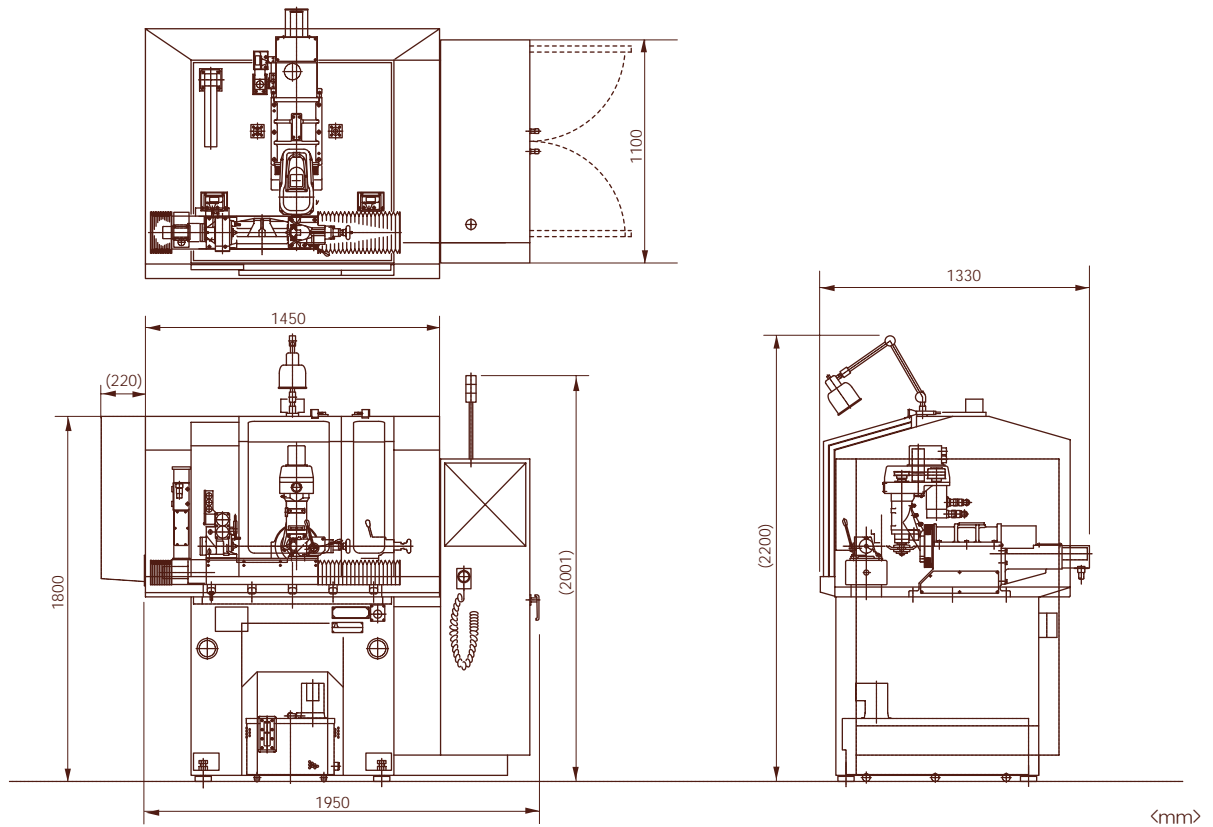
Standard

- Diamond or CBN wheel with flange
- Tool set for wheel zero setting
- Coolant system
- Tool set

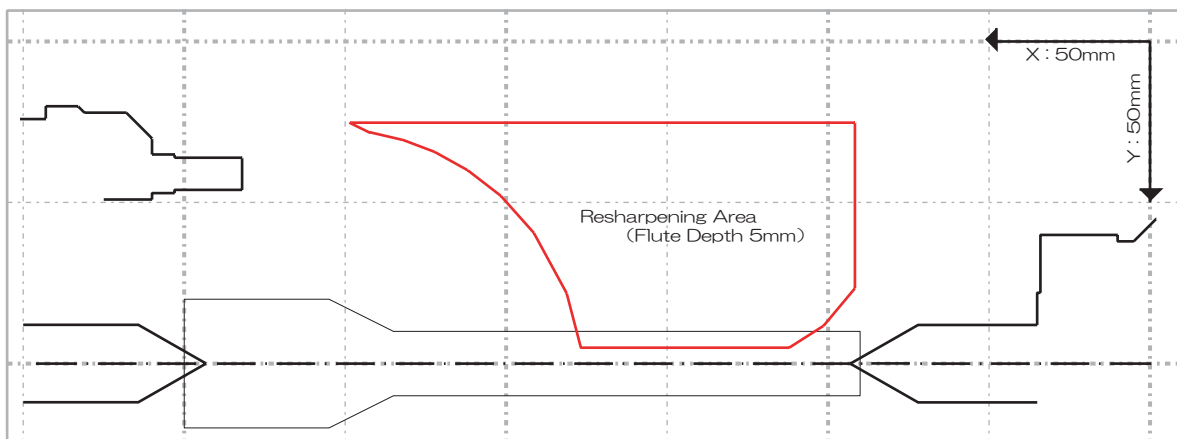
Optional

- Cycle signal lamp
- Lamp
- Hob arbor with nut
- Coolant Filter
- Oil mist collector
- Hob arbor clamping tool
- Resharpener wheel dressing equipment

Machine Dimensions



Resharpener Range (Area indicated by redline)



*Effective resharpener area in relation to flute depth and arbor size