

## DIAMOND POLISHING BENCH

MODEL DPB-3 and DPB-1

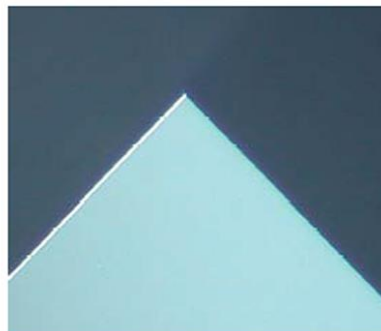
These polishing machines are for polishing and finishing of fashionable diamonds, single-crystal diamonds, natural or synthetic diamond tools.

- Main spindle is of a quenched grinding metal bearing and continuous lubricant supply enable a prolonged continuous stable operation
- Machine body made of cast iron has a good absorption frequency.
- The work table has a machined surface. So it enable to keep a parallelism between the scaife (polishing lap) and the work table.



DPB-3

The upper surface of scaife has extremely less vibration at a high speed rotation, so it can accurately do sharpening and surface polishing of single-crystal diamond.



$90^{\circ} \pm 0.05^{\circ}$  at 500 times power



Processed diamond tool

■ The motor attached on a special base so adjusting of best is easily done.

■ A special retainer can be attached on the upper surface of the table. Conventional tongs can be used.

■ TO POLISH DIAMOND TOOLS

We suggest to use modification specification of DPB-3 when you manufacture or re-polish single-crystal diamond tools and others.

■ It can equip a processable base surface.

■ Special processing spindle is included

■ Flat surface adjusting device to correct its flatness of the surface upper surface.

■ DIAMOND POLISHING BENCH MODEL DPB-1

The machine body is tough welded structure and has a cost-beneficial performance.



A modification specification of DPB-3



A welded structure frame of DPB-1

SPECIFICATIONS	DPB-3	DPB-1
Table size	..... 850 x 670 mm	..... 1,100 x 800 mm
Hight	..... 800 mm	..... 800 mm
Scaife(polishing lap) size	..... Φ250-310 mm	..... Φ250-310 mm
Main spindle rotation speed	..... 2500/3000r.p.m.	..... 2500/3000r.p.m.
Main spindle motor(Three phase, 200V, 50/60Hz)	..... 750 W	..... 750 W
Net weight	..... 350 Kg	..... 260 Kg

Specification subject to change without notice. 1407312

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