

DIAMOND TOOL POLISHING MACHINE MODEL DTP-3A

The DTP-3A is used to polish ornamental diamonds, single crystals and poly crystal diamonds, natural and synthesized diamond tools through the finishing processes.

- This has an ultra-precision air bearing onto the highly absorbent casting body.
- The machine body is made of cast-iron frame with a high - vibrational absorption.
- The work table is a machined surface. So it enables to keep a parallelism between the scaife (polishing lap) and the work table.



It is enable to attach a high precision true edge of diamond tools to processing surface and edge with an extremely less vibration of high rotating scaife.



Sample

- Motor is in the separate space. Adjustment of belt is easily done.
- You can use traditional shaped tongs by attaching a special retainer onto the table.



Machine mounted special polishing equipment

<To process diamond tools>

Special polishing equipment is needed to process or to re-polish such as single crystal diamond tools.

(The right figure is the machine mounted four special polishing equipments.)

- The processed diamond tool is to be attached onto the tip of jig, called Tang, of special polishing equipment.
- The tang is available to be dismantled from the equipment, so you can easily check the polishing surface condition.
- We have the special model which has air bearing in the main spindle.

SPECIFICATION

Table size	670 x 850 mm
Height	820 mm
Main spindle rotation	300 ~ 3000 r.p.m.
Scaife (polishing lap) size	Φ250 ~ 310 mm
Motor (3Φ200V 50/60Hz)	750 W
N/W	Approx. 360 kg

Specifications are subject to change without notice.

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