

*Shown with optional SD-2TV Video System



Manually Loading Lens Centering and Beveling Machine

This machine is capable of blemish free centering and beveling of lenses or plano workpieces. New treatment techniques of inner bore and work spindle housing ensure machine accuracy for a long lifetime of productive service.

Productive

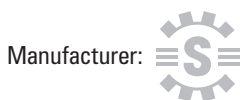
This machine employs a 7-step grinding control system mounted conveniently on the machine's front panel, including:

- Rapid advance speed
- Outside diameter grinding speed
- Right traverse speed
- Right beveling speed
- Left traverse speed
- Left beveling speed
- Rapid retreat speed

The operator can precisely monitor and control all infeed speeds by potentiometer making it easy to achieve blemish free lens diameters and bevels with excellent precision and repeatability.

Efficient and Simple to Operate

All controls are conveniently mounted for easy operator access and efficient operation. Lens chucks can be trimmed true directly on the machine's work spindles without removing them, thus achieving best chucking accuracy. Solid hard stops with micrometers are utilized to ensure repeatable diameter and bevel size manufacturing.



Manufacturer:
SIDAI Precision Industrial Co., LTD., Korea

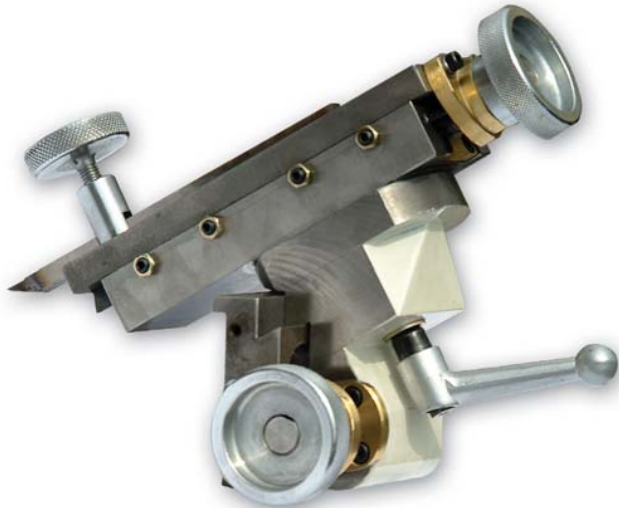
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Manually Loading Lens Centering and Beveling Machine



Holder Trimming Device



Dia. wheel spindle



Chuck spindle (left)



Chuck spindle (right)

Machine Specifications:

Components

Specifications

Lens Diameter	2 - 90mm
Operation Time	0 - 1,200 sec. (20 min.)
Using Holder/Chuck	Dia. 2 - 80mm
Lens Spindle Feed	0 - 10mm
Diamond Spindle Feed	0 - 10mm
Diamond Wheel	160φ
Diamond Wheel Speed	2,700 RPM
Diamond Spindle Motor	400w, 2p, 220v, 3-phase
Lens Spindle Motor	150w, 4p, 220v, 3-phase
Cam Motor	200w, 4p, 220v, 3-phase, Brake Type
Holder Motor	90w, 4p, 220v, 3-phase
Pump Motor	100w, 4p, 220v, 3-phase
Overall Dimension	1,250 x 700 x 1,450mm (LxWxH)
Net Weight	550 Kgs

Machine Features

- Seven step grinding feed speeds increase precision and productivity
- Adjustment of the holders can be accomplished without removing the spindles. This maintains the precision of the machine set-up.
- Easy operating system allows operation by operators with minimum experience

Special Accessories

- SD-2TV Video alignment system with vacuum lens holding during lens alignment
- Lens Chucks
- Diamond Wheels

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