



Fully Automatic Centering Machine

This machine is capable of centering and beveling lenses or plano workpieces in a fully automatic cycle, including loading and unloading of the workpieces by robot.

Productive

This machine is equipped with two integrated lens holding pallets. Depending upon the size of lenses to be processed up to 600 lenses can be loaded for automatic processing. Once processing parameters are set by the operator, the machine can run uninterrupted for 4 - 8 hours.

Efficient and Simple to Operate

This is a very efficient machine and also saves valuable factory floor space due to its small footprint.

Manufacturer:



SIDAI Precision Industrial Co., LTD., Korea

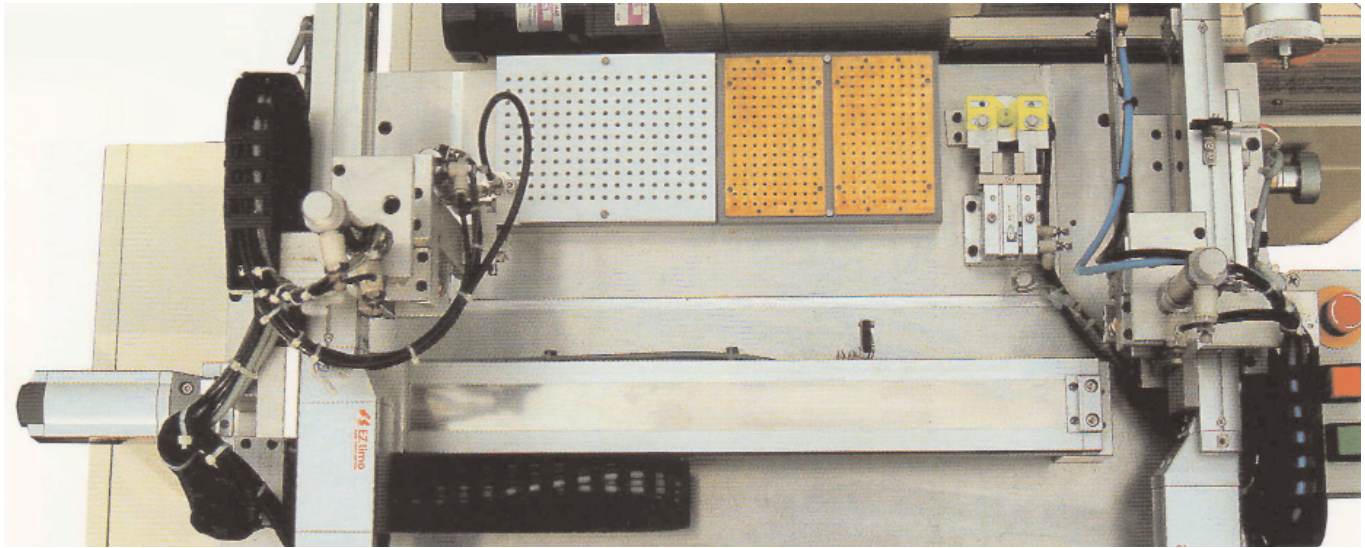
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#SIDAI_SPCM-M1-AT50_r12

Fully Automatic Centering Machine



Machine Specifications:

Components

Products Diameter	6 - 50mm, Optional 6 - 82mm
Volume of Pallet	2 sets (1 set up to 900ea.)
Operation Time	4 - 8 hours
Using Holder/Chuck	Dia. 4 - 75mm
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, 2p, 220v, 3-phase
Overall Dimension	1,500 x 1,200 x 1,900mm (LxWxH)
Net Weight	650 Kgs

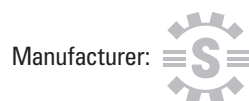
Machine Features

- 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.
- Standardized pallet size enables loading of various size of lenses and reduces extra costs for jigs.
- Easy operating system allows operation by operators with minimum experience
- Small errors which do not affect quality of finished product are ignored for un-attended processing (during the night without operator). However, the machine will stop production if the error is critical to the final quality of the product.

Lens Loading/Unloading Robot,
Top View

Special Accessories

- Thickness Inspection Device
- Lens Chucks
- Diamond Wheels



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