

# OP-Series

## Automatic Knife Grinding Machine

[www.abmgroup.com.tr](http://www.abmgroup.com.tr)



Automatic knife grinder for planer knives, all types of industrial blades, including paper knives, chipper knives for wood, recycling blades for plastic (granulating knives), peeling and veneer knives, slitter blades, guillotine knives, and tungsten carbide edged blades.



**abm**  
*Grinding Technologies*

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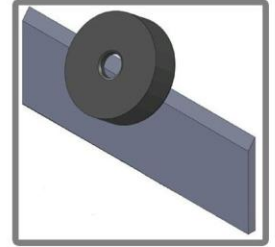
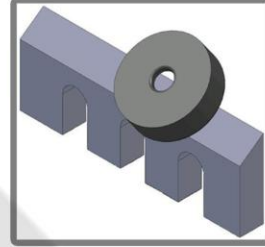
## Automatic Knife Grinding Machine

OP-Series is specially designed to grind the planer knives, all types of industrial blades, including paper knives, chipper knives for wood, recycling blades for plastic (granulating knives), peeling and veneer knives, slitter blades, guillotine knives, and tungsten carbide edged blades up to 3000mm length.

### General Features

- Automatic planer knife grinding up to 3000mm.
- Magnetic knife attachment.
- Microprocessor controlled.
- 24V control panel.
- Speed controlled between 0-11m/min.
- Grinding head riding on linear rails.
- High precision of 0,04mm infeed amount.
- 0,005mm infeed amount by optional step motor.
- Rigid machine base.
- Production conformed with CE standards.

### Purpose



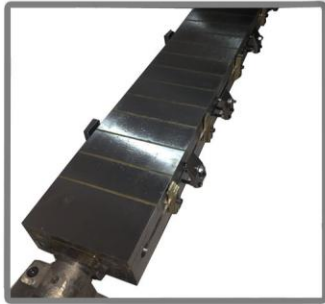
### OP SERIES

### Technical Specifications

Model	Grinding Length	Plate Dimensions(mm)	Wheel Diameter	Motor Power	Grinding Speed	Automatic Infeed
OP-850	850 mm	80x160x850 mm	Ø200 mm	4kW/1400 rpm	0-11 m/min	0.04 mm
OP-1050	1050 mm	80x160x1050 mm	Ø200 mm	4kW/1400 rpm	0-11 m/min	0.04 mm
OP-1500	1500 mm	80x160x1500 mm	Ø200 mm	5,5kW/1400 rpm	0-11 m/min	0.04 mm
OP-2000	2000 mm	80x160x2000 mm	Ø200 mm	5,5kW/1400 rpm	0-11 m/min	0.04 mm
OP-2500	2500 mm	80x160x2500 mm	Ø200 mm	5,5kW/1400 rpm	0-11 m/min	0.04 mm
OP-3000	3000 mm	80x160x3000 mm	Ø200 mm	7,5kW/1400 rpm	0-11 m/min	0.04 mm

Motor Power Upgrade is Optional

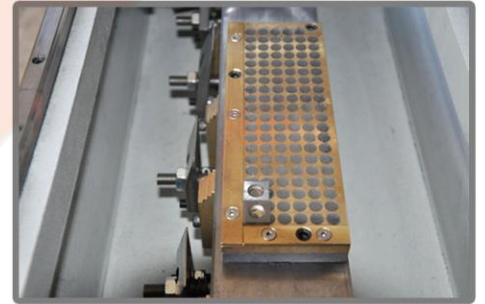
### Optionals



Mechanical T-Slot System on side of Magnetic Table



Wheel Dresser Attachment



Optional Magnetic Attachment For Replacable Inserts



Motor Control Infeed For Carbide Knives



Magnetic Separator



Manual Honing Attachment



Finish Grinding Unit