

AG-12HD

Higher productivity with high-speed grinding and double loading system!

Asahi-Seiki Manufacturing Co., Ltd.



New Spring Ends Grinder

- *High-speed grinding stones 50m/sec. or more are available.*
- *Double grinding speed as compared to conventional models.*

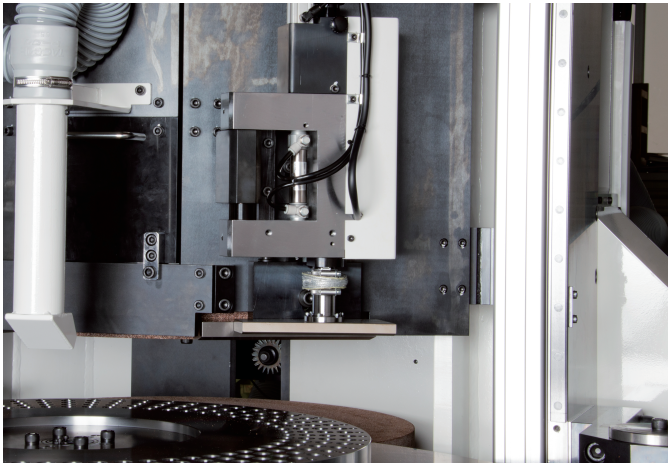
High-speed grinding stones 50m/sec. or more are available

▶ Faster grinding with high-speed grinding stones

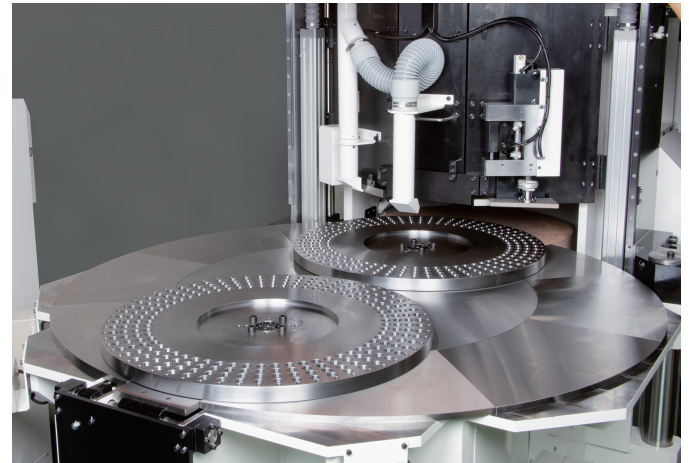
Double Loading System

▶ Labor saving with 2 loading plates

Down Feed Mechanism



Free length measuring device:
measures and monitors free length to control grinding amount



Double loading plate system:
allows off-line set-up while running

SPECIFICATIONS

Grinding stone	(mm)	Outside dia.:φ660 Inside dia.:φ150
Loading plate outside dia	(mm)	Φ740
Wire dia	(mm)	Φ3.0~12.0
Max. grinding outside dia	(mm)	Φ140
Motor capacity (kw)	Upper grinding stone rotating	11
	Lower grinding stone rotating	11
	Upper grinding stone up/down drive	0.5
	Loading plate drive	3.5
	Loading plate rotary	3.5

Grinding stone circumferential velocity	(m/sec.)	50 or more available
Upper grinding stone up/down driving speed	(m/min.)	3
Loading palte driving speed	(r.p.m)	Max. 55
Spring height	(mm)	400 or less available
Control system		NC control with PLC
External dimensions (mm)	Height	3502
	Width	1600
	Depth	3330
Weight	(kg)	6000

MACHINE CONSTRUCTION

STANDARD ACCESSORIES

Double loading device	Front rotary type	Grinding stone height sensor	Laser type sensor
Automatic dressing device	Built in backward of machine	Dust collector duct	Single duct
Free length measuring device	AG-12E type	Safety cover	Front cover (basic type)
Cooling blower	2.2kw×2pcs		

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