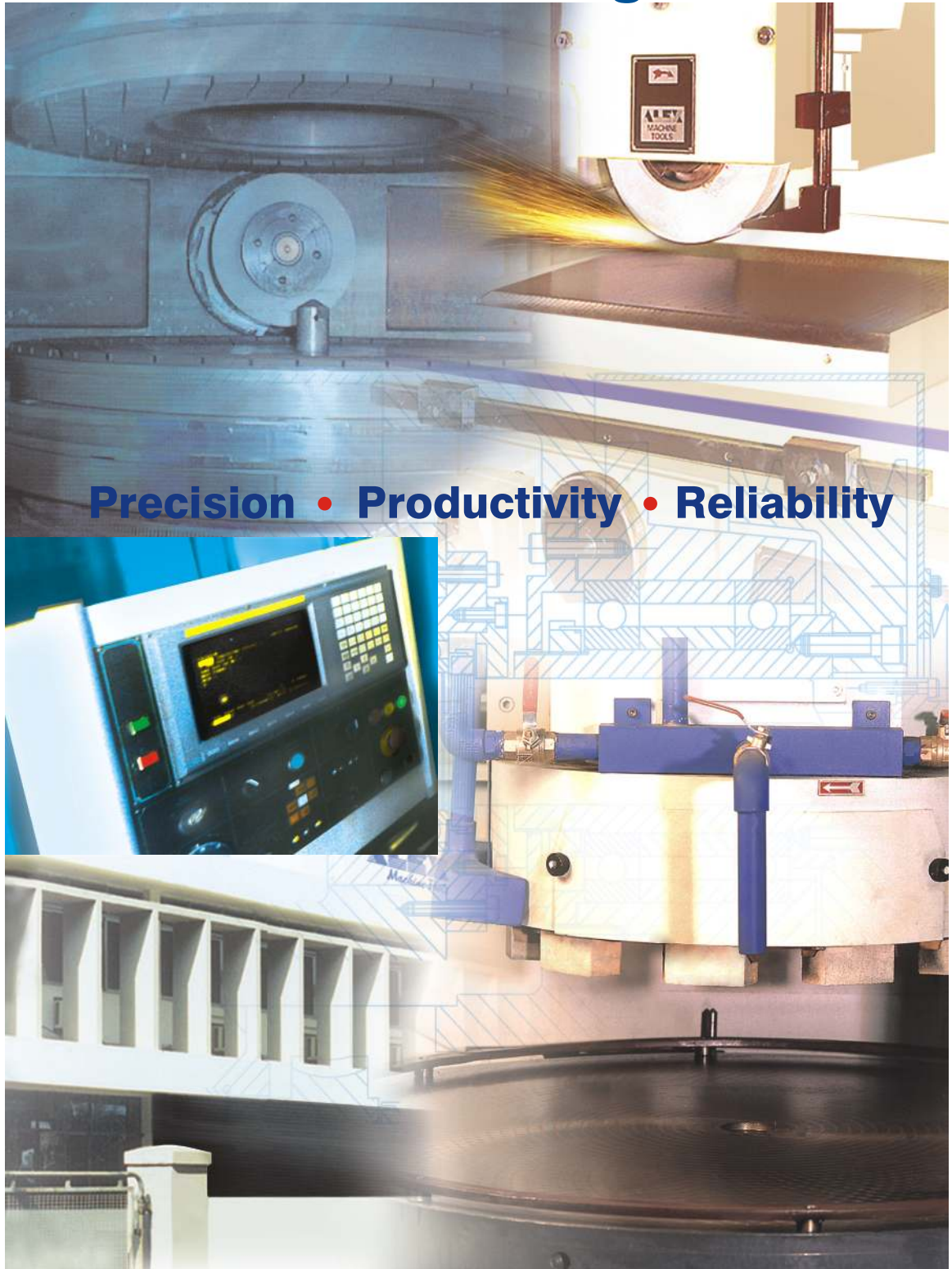




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Full Line Of Grinding Solutions



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RECIPROCATING SURFACE GRINDER NH / BW SERIES

- Hydraulic table drive
- Electromechanical Crossfeed
- Power elevation
- Manual infeed
- Optional: 1 or 2 Axis PLC; 1, 2, or 3 Axis CNC Control

NH Series - High Precision for Tool Room and Batch Production applications

BW Series - High Performance for large workpieces



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CREEP FEED GRINDER CF SERIES



- Focus on individual production solutions. Full cut auto cycle grinder in one pass of various forms in steel, tungsten carbides and ferrites.
- Table, Cross and Vertical axes with CNC Control
- Wheel dresser with single point or profile roller

ROTARY SURFACE GRINDER WITH HORIZONTAL SPINDLE RH SERIES



- Particularly suitable for high precision grinding of Circular and thin components like slitting Saws, Saw Blanks, Thin Valve Plates, Precision Gears and Similar items

ROTARY SURFACE GRINDER WITH VERTICAL SPINDLE RR SERIES

- Designed for flat grinding of one side of the job at a time for each table load
- For Production of a variety of components like Tool bits, Bearings, Engine Blocks, Gears, Machine frames, Valve Plates, Large Saw Blades, Refractory Slide gates, Dies.
- Machine can be delivered with Segmental wheel or Ring Wheel
- Optional: 1 Axis CNC Control



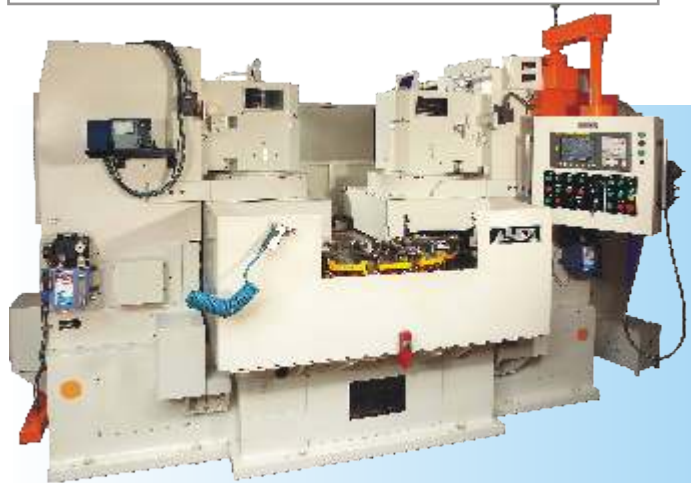
Optimal Grinding Solutions

RECIPROCATING SURFACE GRINDER NV SERIES



- Designed for quick flat grinding of workpieces
- Cross traverse is manual for infeed and powered for positioning Hydraulic drive for table

SINGLE PASS ROTARY GRINDER RA SERIES



- Workpieces are fed from one side of table and delivered at other end in a single pass in finished condition

DOUBLE DISK GRINDER WITH HORIZONTAL SPINDLE DDH SERIES



- This series uses powerful Double Disk grinding technology to simultaneously grind opposite and parallel surfaces flat, at unbelievable rates of production

DOUBLE DISK GRINDER WITH VERTICAL SPINDLE DDV SERIES



- This series is specifically designed for Thin components or to suit automation in work feeding

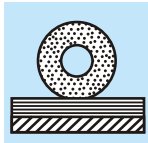
CNC CONTROLS AND PLC CONTROL

All machines can be provided with

- CNC control for automatic grinding cycle including wheel dressing & compensation
- PLC control with Servo motor for Auto Down feed
- Auto component gauging options can also be provided

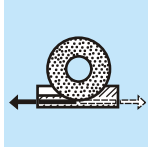


Horizontal Surface Grinding - Reciprocating Table



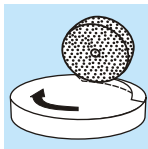
Model	Max. Surface Ground		Std. Grinding Wheel Dia		Spindle Motor	
	(mm)	(inch)	(mm)	(inch)	hp	(KW)
NH 500	500 x 250	(20 x 10)	200	(8)	2	(1.5)
NH 750	750 x 300	(30 x 12)	250	(10)	5	(3.7)
NH 8040	800 x 400	(32 x 16)	250	(10)	5	(3.7)
NH 1000	1000 x 250/300	(40 x 12)	250	(10)	5	(3.7)
BW 800	800 x 500	(32 x 20)	350	(14)	10	(7.5)
BW 1000	1000 x 500	(40 x 20)	350	(14)	10	(7.5)
BW 1200	1200 x 600	(47 x 24)	350	(14)	10	(7.5)

Creep Feed Grinding - Reciprocating Table



Model	Table Longitudinal Travel		Std. Grinding Wheel Dia		Main Motor	
	(mm)	(inch)	(mm)	(inch)	hp	(KW)
750 CF	500	(20)	300	(11.8)	5	(3.7)
BW 800 CF	800	(32)	350	(14)	10	(7.5)
BW 1000 CF	1000	(40)	350	(14)	10	(7.5)

Horizontal Surface Grinding - Rotary Table



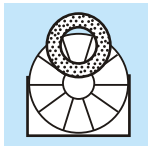
Model	Table Dia		Std. Grinding Wheel Dia		Spindle Motor	
	(mm)	(inch)	(mm)	(inch)	hp	(KW)
RH 500	500	(20)	250	(10)	5	(3.7)
RH 650	650	(24)	300	(12)	5	(3.7)
RH 1000	1000	(40)	350	(14)	10	(7.5)

Vertical Surface Grinding - Rotary Table



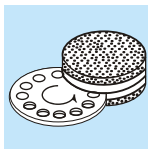
Model	Table Dia		Std. Grinding Wheel Dia		Spindle Motor	
	(mm)	(inch)	(mm)	(inch)	hp	(KW)
R 20	500	(20)	350	(14)	7.5	(5.5)
R 30	750	(30)	450	(18)	25	(18)
R 40	1000	(40)	550	(22)	30	(22)
R 50	1250	(50)	700	(28)	60	(45)
R 60	1500	(60)	810	(32)	75	(55)

Through - Feed Surface Grinding - Rotary Table



Model	Table Dia		Speed Range rpm	Std. Grinding Wheel Dia		Main Motor	
	(mm)	(inch)		(mm)	(inch)	hp	(KW)
R 30A (Single Spindle)	750	(30)	0.5-1	450	(18)	15	(11)
R 30A2 (Twin Spindle)	750	(30)	0.5-1	400 x 2	(16 x 2)	10 x 2	(7.5 x 2)
R 20A	550	(22)	0.5-1	300	(12)	7.5	(5.6)

Duplex Surface Grinding - Vertical and Horizontal Spindle



Model	Max. Clearance Bet. Wheel		Std. Grinding Wheel Dia		Main Motor	
	(mm)	(inch)	(mm)	(inch)	hp	(KW)
DDV 350	50	(2)	350	(16)	5 x 2	(3.7 x 2)
DDV 500	75	(3)	500	(20)	15 x 2	(11 x 2)
DDV 600	100	(4)	600	(24)	20 x 2	(15 x 2)
DDH 500	75	(3)	500	(20)	15 x 2	(11 x 2)
DDH 600	100	(4)	600	(24)	20 x 2	(15 x 2)
DDH 760	150	(6)	760	(30)	30 x 2	(22 x 2)

The range also includes adaptations on basic machines to suit special needs of end users including fully automatic cycle operations.