



FEATURES:

- *Hydraulic longitudinal feed. Direction changed by sensor & solenoid valve.
- *Automatic cross feed. Direction changed by stopping dog and limit switch.
- *Automatic vertical feed driven by AC servo motor.
- *Longitudinal: One flat and one vee way.
- *Cross: 2 Vee ways



Picture shown with magnetic chuck and AD5 automatic down feed, demagnetizer

SPECIFICATION:

MODEL	BMT 50100AHR BMT 60100AHR BMT 70100AHR	BMT 50150AHR BMT 60150AHR BMT 70150AHR	BMT 50200AHR BMT 60200AHR BMT 70200AHR
GRINDING SURFACE OF TABLE	500 x 1020mm(20" x 40") 600 x 1020mm(24" x 40") 700 x 1020mm(28" x 40")	500 x 1520mm(20" x 60") 600 x 1520mm(24" x 60") 700 x 1520mm(28" x 60")	500 x 2020mm(20" x 80") 600 x 2020mm(24" x 80") 700 x 2020mm(28" x 80")
TABLE TRAVEL(Y x X)	560 x 1150mm(22" x 45") 660 x 1150mm(26" x 45") 760 x 1150mm(30" x 45")	560 x 1650mm(22" x 65") 660 x 1650mm(26" x 65") 760 x 1650mm(30" x 65")	560 x 2150mm(22" x 85") 660 x 2150mm(26" x 85") 760 x 2150mm(30" x 85")
SPINDLE CENTER TO TABLE(Max.)	600mm(24"), Option: 800mm(31") & 1000mm(40")		
LONGITUDINAL FEED(Approx.)	5~25M/min		
RAPID CROSS FEED	60HZ-1100mm/min(44"/ min), 50HZ-900mm/min(36"/ min)		
CROSS FEED INCREMENT	5mm(0.2")/ Rev , 0.02mm(0.001")/ Graduation		
AUTOMATIC CROSS FEEDS	0.1~20mm(0.004"~0.8")		
VERTICAL FEED BY MPG	(x1)0.1mm(0.01"), (x5)0.5mm(0.05"), (x10)1mm(0.1")/ Rev (x1)0.001mm(0.0001"), (x5)0.005mm(0.0005"), (x10)0.01mm(0.001")/ Graduation		
RAPID VERTICAL FEED	800mm/min(31"/ min)		
WHEEL SPEEDS	60HZ-1750RPM, 50HZ-1450RPM		
WHEEL DIMENSION	406 x 50 x 127mm(16" x 2" x 5")		
SPINDLE MOTOR	10HP, 15HP(option)		
HYDRAULIC PUMP MOTOR	3HP		5HP
N.W./ G.W.	6000 / 6800kgs (13200 / 15000 lbs) 6300 / 7100kgs (13860 / 15620 lbs) 6600 / 7400kgs (14520 / 16280 lbs)	7200 / 8100kgs (15840 / 17820 lbs) 7500 / 8400kgs (16500 / 18480 lbs) 7800 / 8700kgs (17160 / 19140 lbs)	8400 / 9400kgs (18480 / 20680 lbs) 8700 / 9700kgs (19140 / 21340 lbs) 9000 / 10000kgs (19800 / 22000 lbs)
PACKING DIMENSION(L x Wx H)	376 x 228 x 228cm (148" x 90" x 90")	391 x 228 x 228cm (154" x 90" x 90")	477 x 228 x 228cm (188" x 90" x 90")

HIGH PRECISION SURFACE GRINDER

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*800 & 1000mm spindle center to table-can only be shipped by HQ container

FEATURES:

- 1.High tensile cast iron tempered and stress relief. Casting structure strengthens with ribs re-enforced for the best rigidity and stability.Machine base is casted in one piece.
- 2.Column and table are casted in double walls to ensure the best rigidity and stability.
- 3.Vertical and cross movement adopt C7 ballscrews and preloaded.
- 4.Series 50150AHR~70200AHR adopt 2 hydraulic cylinders.



Column



Base



Table



Cross axis ballscrew



Vertical axis ballscrew



Limit switches for cross travel



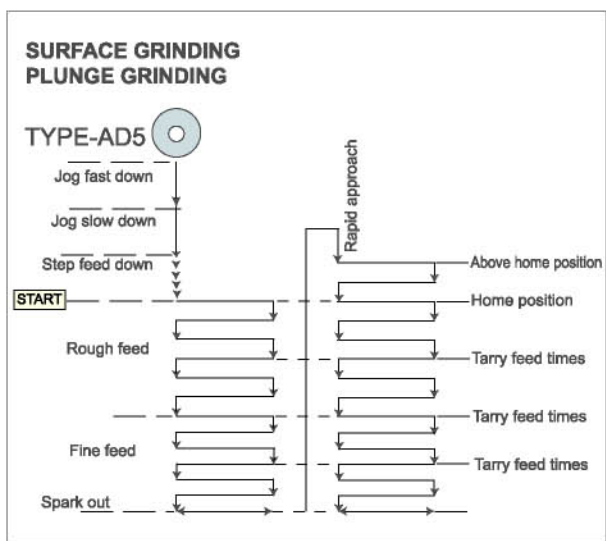
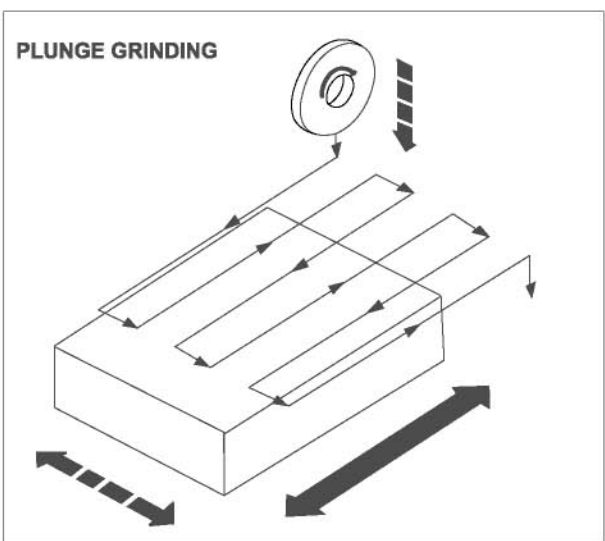
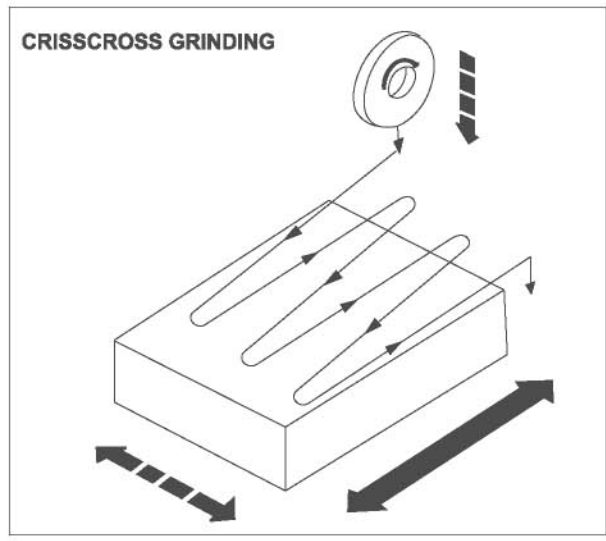
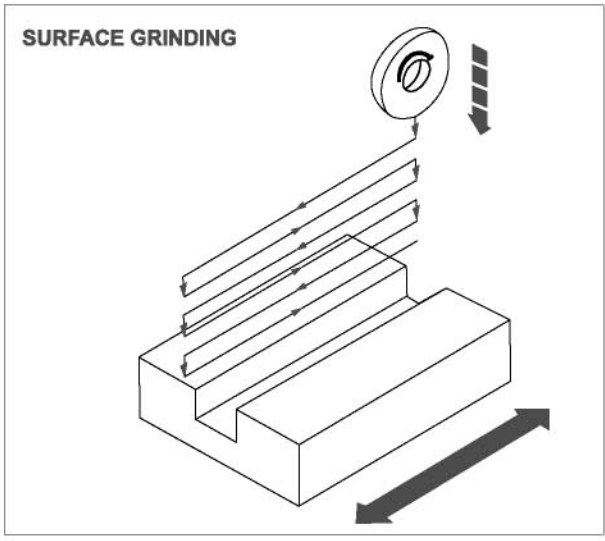
2 hydraulic cylinders

FEATURES:

- *Except "M" series, all models may install auto. down feed(AD5) to reach the best functions.
- *Crisscross feed is infinitely variable, a very wide range of cross feed can be obtained.
This grinding method is suitable for grinding thin workpieces and can increase grinding efficiency significantly.(Not available for M & H series)
- *Except "M" & "H" series, all models may install electronic cross feed stroke regulator. Cross feed stroke can be preset and regulated to save operation time.
- *NC automatic wheel dressing & compensation device can be equipped with AD5 auto down feed on AH models (This NC device has 3 speeds: fast, slow, jog).



AD5 automatic down feed control panel



Electronic cross feed stroke regulator



NC wheel dressing device



The control panel integrated with NC wheel dressing device