



AUTOMATIC STRAIGHT SURFACE KNIFE GRINDER



AKG-2000

MAIN FEATURES :

- BOTH MAIN GRINDING AND FINE GRINDING WHEEL CAN BE MANUAL AND AUTOMATIC FEEDING. GRINDING INFEEED AND INFEEED LENGTH CAN BE SET UP. THE MINIMUM GRINDING INFEEED IS 0.005MM.
- MACHINE BODY IS BUILT INTO ONE PIECE BY COMPACT WELDED STEEL PLATES WHICH HAVE BEEN HEATING TREATED TO GET A HIGH RIGID CONSTRUCTION.
- SLIDING GUIDE WAYS HAVE BEEN REINFORCED, HEATING-TREATED AND FINE GROUND UPTO HRC 60°.
- SLIDING GUIDE WAYS ARE REPLACEABLE.
- SPINDLE OF MAIN MOTOR EQUIPPED WITH A COMPULSIVE COOLING SYSTEM TO ENSURE A BETTER COOLING EFFECT OF KNIVES.
- MACHINE LENGTH CAN BE PRODUCED FROM 1600MM TO 4000MM UPON CUSTOMERS' ORDERING. (OPTIONAL).
- GRINDING SEGMENT AVAILABLE FOR GRINDING SURFACE (THICKNESS) OF KNIVES. (OPTIONAL).
- AUTO LUBRICATING DEVICE IS SET UP FOR ALL SLIDING GUIDE WAYS BUT A MANUAL COMPULSIVE LUBRICATION IS ALSO AVAILABLE WHEN NEEDED.



STRAIGHT SURFACE KNIFE GRINDER



MAGNETIC FILTER OF GRINDING CHIPS



ANGLE ADJUSTABLE OF FINE GRINDING ATTACHMENT



MAGNETIC CHUCK



COOLING TANK



AUTO LUBRICATOR FOR SLIDING GUIDE WAYS



SAMPLES



CONTROL PANEL



MODEL NO. :	AKG-2000
MAGNETIC CHUCK (GRINDING CAPACITY)	2500 MM X 200 MM (OPTION: UP TO 2500MM)
ADJUSTABLE ANGLE RANGE OF MAGNETIC CHUCK	+90°—0°—90°
CROSS FEEDING SPEED OF GRINDING WHEEL	3—16 M/MIN
INFEDING OF GRINDING WHEEL (MIN.)	0.005 MM
MAX. HEIGHT OF GRINDING WHEEL	110 MM
SPEED OF GRINDING WHEEL	1435 R.P.M.(50 HZ) : 1720 R.P.M.(60 HZ)
SIZE OF MAIN GRINDING WHEEL	Ø 305 X 125 X Ø 25 MM
SIZE OF FINE GRINDING WHEEL	Ø150 X 75 X Ø 50.8 MM OR Ø100 X 50 X Ø 50.8 MM
TILTING ANGLE OF MAIN GRINDING WHEEL MOTOR	0—±5°
MOTOR OF MAIN GRINDING WHEEL	30 HP (22.5 KW)
MOTOR OF FINE GRINDING WHEEL	1 HP (0.75KW)
COOLING PUMP	1 HP (0.75KW)
MOTOR OF CROSS FEEDING	1/3 HP (0.25KW)
PACKING DIMENSION (L X W X H)	5610 X 1500 X 2100 MM
NET WEIGHT / GROSS WEIGHT	4200 KG / 5000 KG

***The machine design, specifications and constructions are subject to change without notice.



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