



Technology for the World

KURAKI

KBM-11EM



- + High speed true style Horizontal Boring Mill 5000rpm.
- + Box Way! The fastest feed in class, 944 in/min (24m/min) in Rapid, 472 in/min (12m/min) in Cutting!
- + High capacity of Table load 8,800 lbs! (4000 kg)

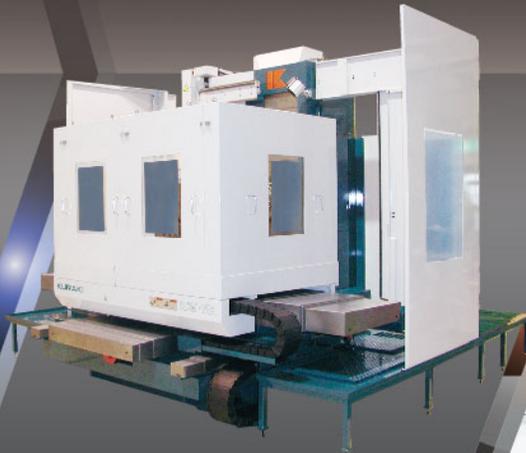


KURAKI CNC Horizontal Boring & Milling Machine

KBM-11EM



FANUC Control



Optional Splash Guard



Standard Boring Spindle

+ Machine Specifications

	UNIT	KBM-11EM
Stroke		
X-axis	inch (mm)	59.06(1500)
Y-axis	inch (mm)	47.24(1200)
Z-axis	inch (mm)	27.56(700)
W-axis	inch (mm)	13.78(350)
Spindle		
Boring Spindle Diameter	inch (mm)	4.33 (110)
Spindle Speed	RPM (min ⁻¹)	5~5000
Spindle Motor	HP (Kw)	35(26)(30min) / 30(22)(cont.)
Spindle Taper		7/24 Taper No.50 Dual surface contact (BIG PLUS system)
Table		
Table Work Space	inch (mm)	37.40 x 41.34(950 x 1050)
Table Max Load	Lbs(Kg)	8800(4000)
T-Slot Size	inch (mm)	0.87(22) 7 T-Slot
T-Slot Pitch	inch(mm)	5.12(130)
Table auto. Indexing	deg	0.001(every 90 index by locator pin)
Feed		
Rapid Feed (X,Y,Z - axis)	inch/min (m/min)	944.88(24)
Rapid Feed (W-axis)	inch/min (m/min)	472.44(12)
Cutting Feed (X,Y,Z - axis)	inch/min (mm/min)	1~472.44(1~12000)
Cutting Feed (W-axis)	inch/min (mm/min)	1~393.70(1~10000)
Table (B-axis)	RPM (min ⁻¹)	3.0
Automatic Tool Changer(ATC)		
Tool shank		CAT 50
Pull stud		MAS P50T-1 (45 deg)
Tool storage capacity	pc	30
Max. tool diameter [vacant adjacent pots]	Lbs(Kg)	4.92(125) / 9.45(240)
Max. tool length	inch(mm)	19.68 (500)
Max. tool weight	Lbs(Kg)	55(25)
Tool selection system		Shortcut rotation at random
Dimensions		
Machine height	inch(mm)	125.98(3200)
Floor space(Not incl. opt)	inch(mm)	196.06x188.97(4980x4800)
Machine weight	Lbs(Kg)	33440(15200)

Standard Features

- ※ Scale Feedback (X, Y, Z-axis)
- ※ Spindle thermal distortion compensation
- ※ AICC II cutting function
- ※ Coolant through spindle interface for Chip Blaster



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