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CNC Bed type milling machine


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Details



CNC Bed type milling machine KNC-U1050

U1050 is designed for heavy machining and small-medium sized parts! it can support work piece up to 10,000kg. And it is the high performance machine featuring rigid construction with Flat-Ram design which cannot be disturbed with "inside-works", because all the transmission equipment (ZF gear box, Belt/Pulley) are located at the rear of the Ram. So this structure can be very stable with good rigidity suitable for both heavy duty rough operations and the accurate finishing machining. For the high accuracy, cross Y-axis Ball screw has the internal oil cooling system. And the high rigidity KORTA ball screw with hardened C3 class double nut ball screws are preloaded to minimize backlash, provide high precision movement, and reduce heat deformation on all axes. Also excellent accessibility to the working area, and the operator protections are provided including complete enclosures which allow a perfect chip disposal, coolant containment and can be the noise damper. Furthermore all the chips and coolant water can be protected perfectly and conveyor to the chip reservoir and coolant tank effectively.

Machine specification		U1050
TABLE		
Length	mm	2200/2700/3200
Width	mm	900
T-slot/Width/Distance	mm	7/22/125
Max permissible load	kg	8000/9000/10000
TRAVEL		
Longitudinal	mm	2000/2500/3000
Cross	mm	1050
Vertical	mm	1300/1600
FEED		
Axis	mm/min	10000
Rapid	mm/min	16000(X,Y,Z)
Drive motor	Nm	28(X), 21.6(Y), 28(Z)
SPINDLE		
Taper		ISO50
Speed	rpm	4000 (2 step : 0~1000, 1001~4000)
Drive motor	kW	24/38
WEIGHT	kg	19000/21000/23000