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Mycenter-2XiF "SPARKCHANGER"



Fine Surface Finishing-the Mycenter-2XiF "Sparkchanger" offers the highest accuracies available and features a state-of-the-art Kitamura-Fanuc 16iMB control with standard features that enable the achievement of higher feedrates, better finishes and improved accuracy. Standard features include our 16 million pulse encoder system, AI Nano control, HPCC by RISC Control (500 block look ahead), 1280 meters memory, NURBS Interpolation and a 16MB Data Server, giving you the flexibility and versatility for many different types of applications combined with high-speed and high precision machining capabilities.

The Mycenter-2XiF "Sparkchanger" spindle drive produces more torque per horsepower than any other machine in its class. The spindle motor is 15 HP AC with 10,000 min-1 standard (15,000 and 20,000 min-1 optional). Rapid feed on the (X) and (Y) axis is 1,969 IPM, and (Z) axis is 1,417 IPM. Also available is high-speed cutting, which has a feed rate of 1417 IPM on the X, Y, and Z-Axis.

Kitamura uses its original ATC design to achieve the fastest tool change time for No. 40 taper machines (1.2 sec). The ATC is designed for reliable, yet maintenance-free operation. The ATC magazine has a 24-tool capacity. Exceptional precision is

Technical Specifications			
Main Spindle Direction	V0	X Axis Travel (Inches)	20.0
Top Max .RPM	15	Y Axis Travel (Inches)	14.0
Top Max. RPM w/Option	20	Z Axis Travel (Inches)	18.1
Max. Number of Tools	24	Max HP (AC)	18
Max. Number of Tools w/Option	0	Tool Shank NST No.	40
Rapid (X,Y) (ipm)	1969	Table Length (Inches)	22.00
Rapid (Z) (ipm)	1417	Table Width (Inches)	14.00
Table Diameter (Inches)	0.00	Table Load (Lbs.)	220.0
Auto Pallet Changer Available ("O"ption,"S"tandard)	S		
Index Table ("O"ption,"S"tandard)	Y		
Rotary Table ("O"ption,"S"tandard)	Y		

achieved with $\pm 0.000078''$ positioning accuracy and $\pm 0.000039''$ repeatability for smarter, faster machining and moldmaking.

For machining in higher quantities, the Standard 180-degree rotating 2-pallet APC is both extremely quick and reliable. Here you will note the incredible speed of the pallet changes (5.0 seconds), allowing for work pieces to be presented to the spindle both quickly and positioned with the utmost accuracy.