

5-axis Machining Centers

Jyoti CNC's KX five series HSM CNC 5-axis machining centers enable machining operations in simultaneous 5-axis on five sides in one set-up part clamping with highest accuracies in contours and profiles. These machining centers are projected to be at highest level in 5-axis category with fixed portal ribbed structure and modular design allowing maximum flexibility in machine configuration to adopt to complex requirements with Integral Rotary table (TRIM) for movements of tilting in A-axis and rotation in C-axis.

K3X8 Five with X/Y/Z (780/700/500 mm) has Y-Axis on travelling-table while X and Z-axis on spindle head and 20-Tool ATC. Base is designed of step-up structure for dynamic behavior absorbing pulse cutting forces and spindle on bridge-type architecture with fixed gantry. High-Speed electrospindle with 24,000 rpm (25/20 kW, HSK 63A) comes as standard. Equipped with table (Ø500 mm) on 55° plane allowing it to move in -30°/+180° on tilting A-axis having 360° rotation capacity in C-axis, it can accommodate workpiece of Ø500X325 mm with capacity of machining even at 20° negative angle

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Source: Jyoti CNC Automation Pvt Ltd