

Mastercam X5 Update Training Course Outline

This one day class focuses on what is new in Mastercam X5 and it is design for current Mastercam X3 and Mastercam X4 customers.

Mastercam X5 Enhancements covered in this class

Design	Description
Colors for Solid faces and features	This new functions assign different colors to individual solid faces and features.
Creating a circle based on a tap size	The shortcuts have new options such as Quick drill tables and Tap tables.
Creating a circular solid pattern	Allows you to create a pattern of solid features by selecting source geometry and producing multiple copies on a part in a grid or around a center point.
Mill Level 1	Description
Tool assemblies	Associates a tool with a holder.
ISCAR HEM	ISCAR High Efficiency Machining ad speeds and feeds calculation are supported.
Machine Simulation	This new simulation allows you to backplot, verify and check the toolpath for collisions.
2D HST-Dynamic Area & Core Mill	Dynamic mill toolpath is split in two application-specific toolpaths : Dynamic Area Mill and Dynamic Core Mill.
2D HST-Dynamic Contour	Uses the high speed contouring strategy to remove material along the walls.
2D HST-Island facing	The island facing functionality is now included in: Rest Mill and Dynamic Rest Mill, Area Mill and Dynamic Area Mill, Core Mill and Dynamic Core Mill.
Transform Toolpath	Has new options to include origin and save views when transforming by Tool plane and other specific options for Rotate and Translate pages.
Mill Level 3	Description
HST-OptiRough toolpath	Machines very large depths of cuts. (Up to three times the diameter of the tool).
HST-Hybrid toolpath	This finish toolpath machines both steep and shallow areas.
Lathe	Description
Plunge turn toolpath	This new toolpath produces highly efficient grooving and turning toolpaths.