

Bundles & Functions DCAMCUT 9.1

Function	Description	Standard	Professional	Expert
EDMCAD I *	CAD-Kernel for Part Design only	•	•	•
EDMCAD II *	CAD-Kernel for Parts and Assemblies	—	○	○
EDMCAD III *	CAD-Kernel for Parts, Assemblies and Drawings	—	○	○
2D-Contour	2D-Contour definition based on sketches	•	•	•
2-Level Contour	Ruled Surface Machining via existing upper- & lower Instance and synchronisation lines (sketches)	•	•	•
2-Axis Pocketing Standard	Standard 2-Axis Pocketing	•	•	•
Standard Simulation	Standard Simulation incl. offset surface calculation & visualisation	•	•	•
Solidsimulation	Solidsimulation for 3D visualization incl. separation check & removability-analysis	•	•	•
Parametric	Associativity for existing EDM-Jobs to model changes (automatic re-calculation on solids, surfaces and sketches)	•	•	•
4-Axis Contour Definition	3D-Contour definition directly on surfaces, solids & faces of solids	•	•	•
Feature Recognition	Full-Automatic calculation and generation of all wireable contours on solids & surfaces incl. user-definaeable filter	—	•	•
Templates	Definition of contour-, job- & program templates for faster programming	—	•	•
NC-Browser	NC-Browser technology incl. graphic feedback	—	•	•
Partial Destruction Cut	2-Axis Partial Pocketing	—	—	•
Destruction Cut Islands & With Target Offset	2-Axis Pocketing with predefined islands & With Target Offset	—	—	•

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Function	Description	Standard	Professional	Expert
4-Axis Pocketing	4-Axis Pocketing, 4-Axis Pocketing with islands, 4-Axis Partial Pocketing etc.	—	—	●
Space Curve	Space Curve Machining for 3D curves	—	—	●
Approximation	Converts linked line elements by a user specified tolerance into arcs, circles & lines (optional CAD-Geometry output)	—	—	●
Advanced Drill-Processor	Advanced Multiaxis-Drill-Processor incl. Technologie Database	—	—	○
Multiaxis Module I	Machining module for erosive grinding incl. expanded Solidsimulation and extended NC-Processor	—	—	○
Multiaxis Module II	Machining module for erosive grinding & indexed multiaxis machining incl. expanded Solidsimulation and extended NC-Processor	—	—	○
Multiaxis Module III	Machining module for erosive grinding, indexed & simultaneous multiaxis machining, multiaxis output of 4-Axis contours incl. expanded Solidsimulation and extended NC-Processor, simultaneous wire EDM with single-axis rotary table connected with u/v-axis	—	—	○
MDSC-Modul Multi Dynamic Sequence Control	Für Mitsubishi, Sodick und Fanuc: Mehrfachauf-spannung mit entsprechenden Bearbeitungsprogrammen in einem Hauptprogramm erstellen. Ereignisse und Bearbeitungsgruppen an der Maschine verwalten (Losbearbeitung). NC-Programmausgabe an unterschiedliche Maschinentypen mit nur einem Programmierlauf erstellen.	—	○	○
Automations-Modul	Ablauffolgen der Bearbeitung mittels Farbcodierung und Namen automatisieren. D.h. Konturen auswählen, Kontureigenschaften zuordnen, Job-, Schnittfolgedefinitionen und Schneidschemen automatisch zuweisen.	—	○	○

- Functionality included
- Functionality NOT available
- Option (additional charge)

* = DCAMCUT Solo-System only

