

PMC function									
Max. number of I/O	4096 / 4096	4096 / 4096	4096 / 4096	4096 / 4096	2048 / 2048	2048 / 2048	2048 / 2048	4096 / 4096	4096 / 4096
Max. number of I/O-Link	3	3	3	3	1	1	1	3	3
Max. number of PMC channels	5	5	5	5	3	3	3	5	5
Maximum steps	300 000	300 000	300 000	300 000	100 000	100 000	100 000	300 000	300 000
Block function	•	•	•	•	•	•	•	•	•
CNC functions									
3D Interference check	•	•	•	•	-	-	-	-	-
Dual Check Safety	•	•	•	•	•	•	•	•	•
Smart Machine Control	•	•	•	•	•	•	•	•	
Program Restart / Quick Program Restart	•/•	•/•	•/•	•/•	•/•	•/•	-/-	-	-
Nano Interpolation	•	•	•	•	•	•	•	•	•
Nano Smoothing	•	•	•	•	•	-	-	-	-
Fine Surface Technology	•	•	•	•	•	-	-	-	-
AI Advanced Preview / AI Contour Control	-/•	-/•	-/•	-/•	•/•	-/•	•/-	•/-	•/-
Macro Executor / C-Executor / FANUC Picture / FOCAS	•/•/•/•	•/•/•/•	•/•/•/•	•/•/•/•	•/•/•/•	•/•/•/•	•/•/•/•	•/•/•/•	•/•/•/•
MANUAL GUIDE <i>i</i> / MANUAL GUIDE <i>0i</i>	•	•	•	•	•/•	•/•	-/-	-	-
Tool Functions / Tool Management System	•/•	•/•	•/•	•/•	-/•	•/•	-/-	•/-	•/-
Tilted Working Plane / Tool Center Point Control	•/•	•/•	•/•	-	•/-	-	-	-	-
Smooth simultaneous 5-axis machining	•	•	-	-	-	-	-	-	-
Error Compensation / Volumetric Error Compensation	•/•	•/•	•/•	•/-	•/-	•/-	•/-	•/-	•/-
Technologies									
Milling	•	•	•	•	•	•	-	-	-
Turning	•	•	•	•	-	•	-	-	-
Grinding	•	•	•	•	•	•	-	-	-
Punching	•	-	•	-	-	-	•	-	-
Laser	•	-	•	-	-	-	-	-	-

All panels and screens shown are examples only.