

NX CAD Cloud Connected Products

Feature	Core Designer	Advanced Designer	Mold Designer	Scan to Part	Drafting and Layout
Translators/Interfaces					
IGES and DXF/DWG	•	•	•	•	•
2D exchange	•	•	•	•	•
STEP AP203/214	•	•	•	•	
Rapid prototyping	•	•	•	•	
Solid Edge open	•	•	•	•	•
SolidWorks open	•	•	•	•	•
Design licenses					
Solid and feature modeling	•	•	•	•	
Synchronous technology	•	•	•	•	
Core Convergent Modeling	•	•	•	•	
Drafting					•
NX layout					•
Assemblies	•		•	•	
Freeform Modeling Basic	•	•	•	•	
Freeform Modeling Advanced			•	•	
NX Sheet Metal	•		•		
User defined features			•		
Advanced Sheet Metal		•			
Industry specific					
Routing base		•			
Mold Wizard			•		
Industrial design					
Freeform shape				•	
Realize shape				•	
Advanced surface analysis				•	
Validation					
Optimization wizard		•			
Molded part validation			•		
HD3D visual reporting OOTB reports	•	•	•	•	•

NX CAM Cloud Connected Products

Features	CAM 2.5-Axis Milling	CAD/CAM 2.5-Axis Milling	CAD/CAM Turning	CAD/CAM 2.5-Axis Milling and Turning	CAM 3-Axis Milling	CAD/CAM 3-Axis Milling
Translators/Interfaces						
IGES and DXF/DWG	•	•	•	•	•	•
2D exchange		•	•	•		•
STEP AP203/214	•	•	•	•	•	•
Rapid prototyping		•	•	•		•
Solid Edge Open	•	•	•	•	•	•
SolidWorks Open	•	•	•	•	•	•
Design licenses						
Solid and feature modeling		•	•	•		•
Synchronous technology	•	•	•	•	•	•
Core convergent		•	•	•		•
Modeling		•	•	•		•
Assemblies	•	•	•	•	•	•
Freeform modeling basic		•	•	•		•
Validation						
HD3D visual reporting OOTB reports	•	•	•	•	•	•
CAM foundation						
CAM base	•	•	•	•	•	•
Visualize	•	•	•	•	•	•
Tool path editor	•	•	•	•	•	•
Work instruction authoring	•	•	•	•	•	•
NC Wizard Builder	•	•	•	•	•	•
Post processor	•	•	•	•	•	•
Post kinematics for table	•	•	•	•	•	•
Post configurator – Advanced	•	•	•	•	•	•
Post builder	•	•	•	•	•	•
Turning						
Roughing			•	•		
Finishing			•	•		
Threading			•	•		
Holemaking, including use of FBM			•	•		
Grooving			•	•		
Threading – OD/ID			•	•		
Cutoff and bar feed			•	•		
Generic motion control			•	•		
On-machine probing			•	•		

NX CAM Cloud Connected Products

Features	CAM 2.5-Axis Milling	CAD/CAM 2.5-Axis Milling	CAD/CAM Turning	CAD/CAM 2.5-Axis Milling and Turning	CAM 3-Axis Milling	CAD/CAM 3-Axis Milling
2.5-Axis milling						
Volume-based milling	•	•		•	•	•
Multiple Part machining	•	•		•	•	•
Feature based machining (FBM)	•	•	•	•	•	•
Multi-stage machining	•	•		•	•	•
Planar milling	•	•		•	•	•
Roughing	•	•		•	•	•
Face Milling	•	•		•	•	•
Holemaking, including use of FBM	•	•		•	•	•
Generic motion control	•	•		•	•	•
On-machine probing	•	•		•	•	•
Z-level finishing	•	•		•	•	•
3+2 Axis positioning	•	•		•	•	•
3-Axis milling						
Adaptive milling					•	•
Rest milling					•	•
Guide curves finishing					•	•
Spiral finishing					•	•
Helical finishing					•	•
Cut region control					•	•
Flow cut					•	•
Facet machining					•	•
Generic spline output					•	•
Sinumerik spline output					•	•