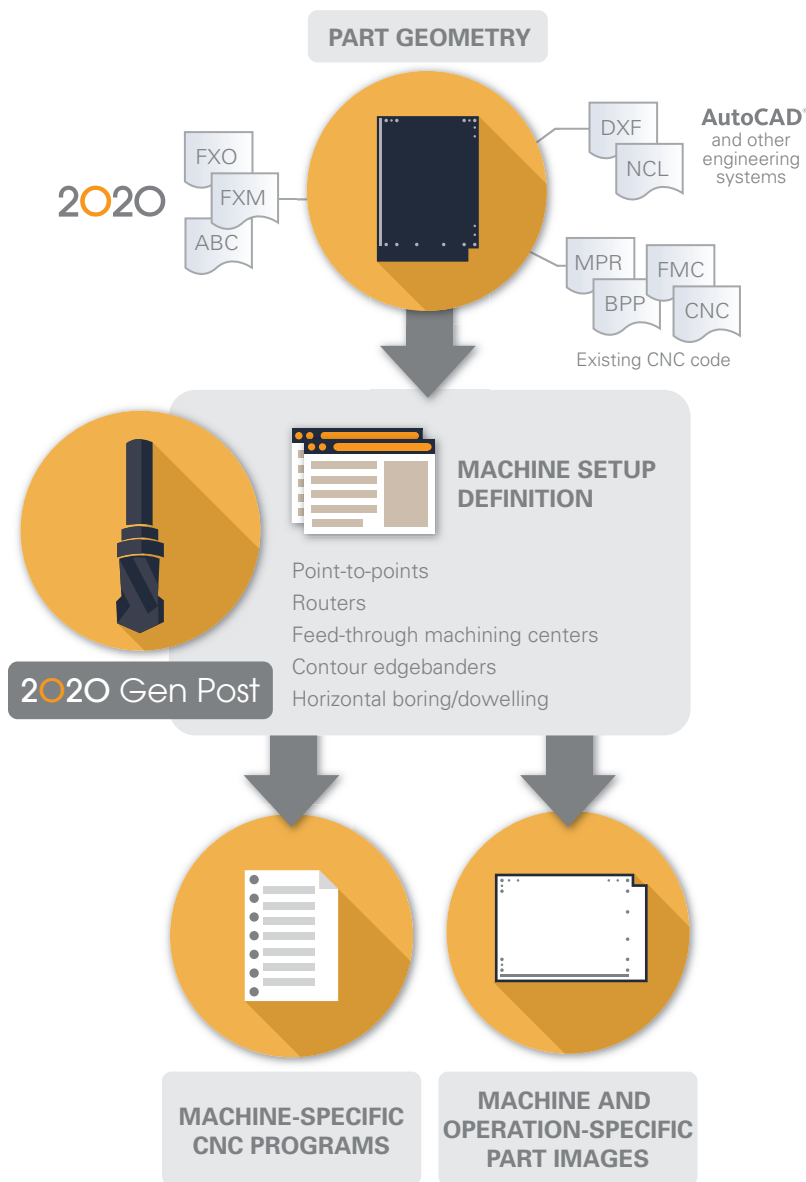


2020 Gen Post is a universal Computer Aided Manufacturing (CAM) post-processor application that generates CNC code for all machine types from one source—a part geometry file. 2020 Gen Post reads the part geometry file, and using a detailed machine definition, creates CNC programs that are optimized for both the part being machined and the machine being used.



Output CNC code to all machine brands, including:

| | | | | |
|------------|-----------|------------|-----------|-----------|
| Accusystem | Busellato | Koch | Northwood | Shoda |
| Alberti | CMS | Komo | Onsrud | Thermwood |
| Anderson | Heian | Morbidelli | SCM | Weeke |
| Biesse | IMA | | | |

Benefits

Reduce production overhead

Use a single application to generate CNC code for all machine types up to 3 -1/2 axis, from the same source content.

Realize equipment ROI

Quickly implement new machines by converting existing CNC programs from older machines, even if they are from different manufacturers.

Synchronize production

Synchronize production across multiple independent or connected machines to produce an optimized production flow.

Gain production agility

Split machining across different machines without manual intervention and send accurate CNC programs where they are needed, when they are needed.

Reduce errors

Automatically generate CNC code thereby eliminating manual intervention and reducing errors.

Enhance product innovation

Enhance the product innovation process by automating machine integration for both standard and custom products.

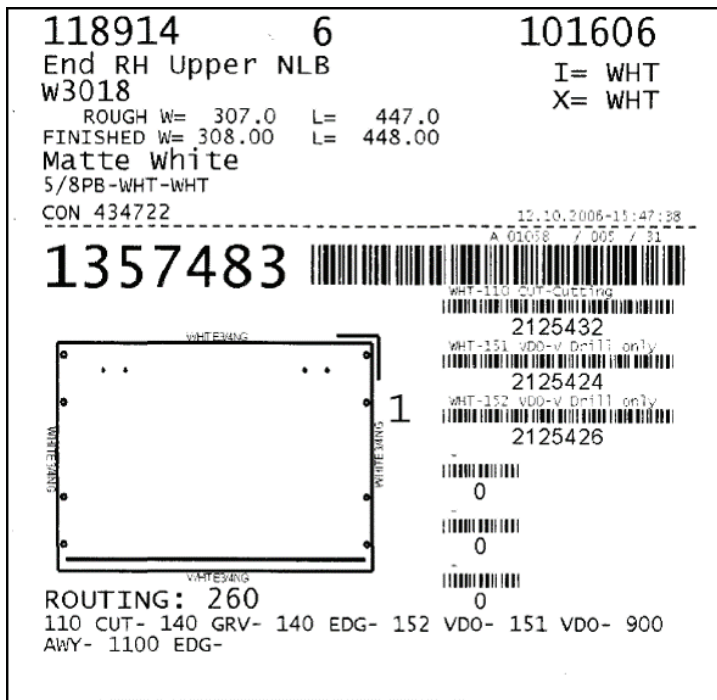
Flexible machine configuration

The highly-flexible machine configuration capability allows you to control tool assignment, machining sequences and split machining across different machines, all from a single input.

- Define machine characteristics such as table size, vacuum settings, limits, stops, spindles and tools
- Configure settings for part-specific rotation and orientation
- Configure processing settings like ramping, skinning and feed rates
- Define which types of machining to perform on any given machine

Detailed, graphic output

Configure image output to display details like operator instructions, part identification and quality assurance.



Use 2020 Gen Post machining images on labels to guide machine operators.

Features

Dynamically generate CNC code

Create CNC code for one or many CNC machines from one source. Take advantage of on-demand code generation for on-the-spot machining flexibility.

Define machine capabilities

Automatically split machining workload across multiple machines or machine families for a single part.

Reuse existing CAD data

2020 Gen Post recognizes many geometry inputs, allowing the reuse of existing Computer Aided Design (CAD) data, such as DXF, NCL, or existing CNC programs to create new code for any machine.

Support for all controllers

Supports proprietary machine controllers like Weeke, Biesse, SCM, as well as generic machine controllers like FANUC, Siemens, Allen-Bradley and more.

Make modifications as needed

Maintain and modify CNC post processor functions in-house.

Communicate graphically

Eliminate misinterpretation with detailed image output that shows machine-specific and machine-generic CNC data.

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