AUTODESK® FUSION 360®

Nesting & Fabrication Comparison Chart

		Fusion 360	Fusion 360 *PLUS* N&F Extension
PARTS	**Single document** Arrange multiple parts together inside the current (single) document.	✓	✓
	Multiple documents Nest multiple parts together from multiple different document sources.	-	✓
NESTING	**Basic arrange** Single-sheet nesting. Arrange multipe objects on a sketch/plane/face.	✓	✓
	Associative updates Automatically update nests in the event of a design change to any of the nested objects.	✓	✓
	Nest preparation Access additional settings to control how individual design items are nested (with options to include/ignore elements).	-	✓
	Advanced arrange* & advanced nesting Multi-sheet nesting of selected objects. Advanced nesting also provides automatic material, thickness, and quantity detection.	-	✓
	Advanced part & material controls Define and override parameters including part quanity, orientation, grain alignment, allowed rotations, cost, and more.	-	✓
	Process material library Improve collaboration across your team by building a cloud-based library of sheet stock with commonly used sizes and prices.	-	✓
	Nest reports Create custom HTML reports that can be saved and shared in PDF format.	-	✓
	Nest comparison Quickly compare nest studies, nests, and sheets with varying parameters to assist with raw material purchasing, quoting, and estimating.	-	✓
	Part labels (*coming January 2022*) Automatically generate custom part labels that can be affixed to cut parts for easier off-loading and/or tracking.	-	✓
FABRICATION	**Toolpath generation** Generate highly efficient toolpaths for use with laser, plasma, router, and waterjet cutting machines.	✓	✓
	Post-processors Access a library of post-processors to export NC code for different machine and NC controller types.	✓	✓
	Advanced workflow automation Streamline common operations by generating setups and toolpaths for existing nest results to reduce CAM programming times.	-	✓
	Automatic remnant cutting Generate sketches that can be used to separate remnants from the nested area on sheets for faster processing and off-loading.	-	✓
	DXF export with layer mapping Export nested sheet layouts as a DXF file (with data mapped to layers) for use with 3rd party CAM software.	-	✓

* Advanced arrange is currently available as an Extension Preview. It will eventually be included with the Nesting & Fabrication Extension

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