

Comparison matrix



Supported Files & Nesting Capabilities	Collection / Nesting Utility	TruNest
Inventor integration Nest sheet metal parts and assemblies directly inside Autodesk Inventor, updating the nest automatically with any model changes.	\checkmark	-
Import common CAD file formats Add Inventor parts or assemblies, DXF files, or work with other CAD file formats.	✓ (IPT, IAM, & DXF)	~
Automated, true-shape nesting Generate multiple sheet nests that optimize yield from flat raw material.	\checkmark	\checkmark
Nest editing Manually modify nests to move parts or align labels in situations where a specific layout is needed.	(in development)	~
Vault & PDM integration Pull parts from your product data management system along with appropriate metadata needed for nesting.	(in development)	~

Toolpathing & CNC Postprocessors	Collection / Nesting Utility	TruNest
DXF Export	\checkmark	\checkmark
Laser, waterjet, and plasma cutters	✓ (Inventor HSM)	✓
CNC routers	✓ (Inventor HSM)	\checkmark
Punch presses	-	\checkmark
Saw cutters	-	\checkmark
Ply cutters	-	~
Automatic cutting optimization Common line cutting, pierce reduction, skeleton cutting, tooling and cut sequence generation, automatic tabbing, and more.	-	\checkmark

Production Management	Collection / Nesting Utility	TruNest
Inventory and remnant tracking Manage inventory to track materials, inventory IDs, remnant IDs, quantities of material on hand, and material costs.	-	~
Multiple machine profiles Store machine profiles that include machine rates, setup time, size, current status, and facility and station information.	-	✓
Scheduling, capacity planning, and production management Enter and schedule part orders to control what parts are nested and when, with the ability to merge orders using common materials.	-	✓
Database and ERP integration Integrate with ERP and MRP systems to automatically schedule new orders and nest them, based on workload.	-	√
Automated lights-out operation Run your CNC machines unattended with highly reliable nesting output.	-	√

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