



# TOOLSHOP

ART Toolshop | USA

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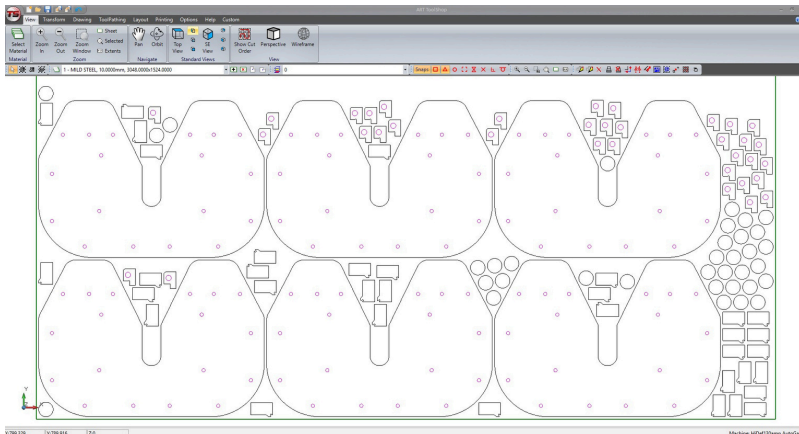


## CAD CAM SOFTWARE

NESTING & TOOLPATHING SOFTWARE FOR  
CNC ROUTERS CNC PLASMA & LASERS

**ART ToolShop** is an extremely flexible **CAD/CAM** and is a highly featured automatic nesting and toolpathing software created by ART. It has many features only found in much more expensive software and is extremely easy to use for all types of cnc operations.

**CAD TO CODE** in just a few clicks with our Advanced Nesting Package importing files with a CSV file.



The optional Automatic Toolpathing Module allows users to import multiple DXF files simultaneously. User can also specify quantities for each file. In addition user can choose from a list of options how the selected files will be processed. Here is the list of ATP module additions.

## BENEFITS OF TOOLSHOP

### Material cost savings

Powerful, high-yield nesting reduces your material costs and increases profitability.

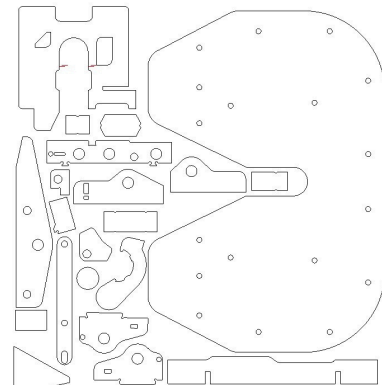
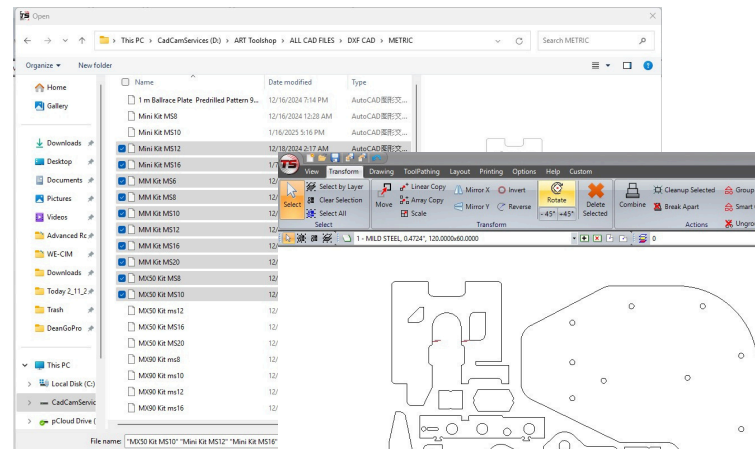
### Productivity

Faster, fully automated interface can reduce your programming time from hours to minutes, while specialized cutting techniques can reduce total cut time by up to 50%.

Breakthrough technologies

**ART Toolshop** provides full support for Hypertherm's technologies which are delivered automatically without operator intervention.

Designed to Run ART Plasma with Hypertherm Technology and ART Routers. Now open to the market to run lasers of many brands and routers and plasma cutting machines.



**CALL OR SCAN THE QR CODE FOR MORE INFORMATION / SCHEDULE YOUR DEMO!**



Inbuilt CAD systems modify or create parts to nest.



## CNC POST PROCESSORS

ART allows you to create your own post or machine driver. But if you need one of our applications team to create one we can do that as a service.

## MRP IMPORT OF CSV, XLS FILES

MRP/ERP integration makes your job easier by utilizing your existing Order Processing System. The following list shows just some of the features supported.

- CSV, XLS
- Automatic DXF File Cleanup
- Batch processing with User Defined sort
- Automatic Nesting
- Automatic CNC Code Generation



	BASE	STANDARD	ADVANCED
Auto File Clean-up & Repair	✓	✓	✓
Sorting (Internal / External)	✓	✓	✓
Move, Copy, Rotate, Array Parts	✓	✓	✓
Multiple Sheets / Pages	✓	✓	✓
Toolpath Saved Strategies	✓	✓	✓
Conventional & Climb Milling	✓	✓	✓
Continuous Spiral Multiple Passes	✓	✓	✓
Movable Lead-ins / Lead-outs	✓	✓	✓
Intelligent Lead-in placement	✓	✓	✓
Shape Node Editing	✓	✓	✓
2D/3D Tabs & Bridges	✓	✓	✓
Drill Centres	✓	✓	✓
Hatch/Island Fills	✓	✓	✓
Multiple Seperate Passes	✓	✓	✓
Auto Cut Ordering	✓	✓	✓
Manual Cut Ordering by drag-line	✓	✓	✓
Cut Width Compensation	✓	✓	✓
Over / Under Cut	✓	✓	✓
Multiple Machine Configurations	✓	✓	✓
Automatic Rail Cutting	✓	✓	✓
Supports Layers	✓	✓	✓
Printable Nest Reports	✓	✓	✓
Material/Sheet Library	✓	✓	✓
Pre-Piercing with seperate tools	✓	✓	✓
Chain Cutting	✓	✓	✓
Tangential Inkjet Printer Toolpathing	✓	✓	✓
3D Ramped Bridges / Lead-ins	✓	✓	✓
Auto Nest	✓	✓	✓
Easy to use Remnant Management	✓	✓	✓
Integrated CAD Module	✓	✓	✓
Draw - Line, Arc, Circle, Polyline etc.	✓	✓	✓
Edit - Trim, Extend, Fillet, Rotate etc.	✓	✓	✓
Layers, Dimensions etc.	✓	✓	✓
Label Printing for Part Identification	✓	✓	✓
Automatic Tool Path Processes:	✓	✓	✓
Auto Quantities	✓	✓	✓
Auto Sort (Hierarchy)	✓	✓	✓
Auto Clean-Up	✓	✓	✓
Auto Toolpathing	✓	✓	✓
Auto Nesting	✓	✓	✓
Auto Move Start Points	✓	✓	✓
Auto Cut Order	✓	✓	✓

