

# FastCOPY<sup>®</sup> System

## OFFLINE DIGITIZATION OF 2D PARTS-CNC



**Ideal for Metal Service Centers & Fabricators**

CREATE ACCURATE COPIES OF PARTS AND TEMPLATES FOR PROFILE CUTTING

### HIGHLIGHTS:

- DIGITIZE 2D PARTS, TEMPLATES & DRAWINGS FOR CNC CUTTING
- PC-BASED (OFFLINE)
- PLUG & PLAY **36" x 48"** ROLL UP PORTABLE DIGITIZER INCLUDED
- SIMPLE OPERATION—CAD-FREE!
- DXF & NC OUTPUT
- MULTI-LANGUAGE SUPPORT
- MICROSOFT WINDOWS

FastCOPY<sup>®</sup> has been specifically developed for the simplest conversion of existing parts, templates, or drawings directly into NC code for oxy, plasma, laser, or waterjet profile cutting machines. FastCOPY<sup>®</sup> will quickly add value to any busy service center or business needing to cut complex parts or precision artwork from metal. A huge advantage is its simplicity. It compares to learning how to operate a fax machine.

FastCOPY<sup>®</sup> lets the machine get on with the job of cutting. If you have a library of templates for your optical machine you can remove the need to (slowly) digitize them with the machine and store the (large) files on the machine.\*



*A Simple & Practical Solution:*

**Anyone can copy 'off the street' parts in minutes!**

Easily copy old paper templates for electronic storage.

Nuts and Bolts:

Accuracy of +/- **0.010"** with a resolution of **0.0001"**

'Smart' calibration allows for any size template

True entity generation for compact code

Complex shapes are produced with minimum entities

Produces instant DXF files ready for editing or nesting

Outputs optimized NC code for most cutting machines

Supports all processes, e.g. marking, pop-mark

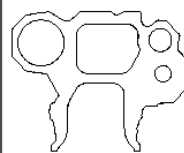
\*Machine tracing often creates large files with many small entities resulting in jerky, slow, inaccurate cutting.

### SPEED & QUALITY CUTTING

FastCOPY<sup>®</sup> has built in functionality to ensure complex shapes are designed with as few entities (lines, arcs, circles) as possible, creating a tight and accurate NC program that can be stored as a DXF file and/or directly sent to your profile cutting machine.

Compare the advantages in speed and accuracy.

	FastCOPY	Other image scanning methods
	Existing Paper Template	Existing Paper Template
Time to Scan Image	0	2
Thinning of image	0	2
Conversion time	3	2
Correcting Vector	0	5
Pathing vector	0	1
<b>Total Time (Minutes)</b>	<b>3</b>	<b>12</b>
<b>Accuracy of Part</b>	<b>+/- 0.01"</b>	<b>+/- 0.125"</b>



FastCAM has been supplying PC-based software for Burning, Shearing and Sawing/Drilling machines for over 25 years. The flagship product FastCAM® offers unique integrated postprocessors, NC verification and NC code nesting that still sets it apart from other CAM and CAD/CAM systems. The new generation of FastCAM® software is used in many countries, in many languages and in many different environments.

Today the product line has been expanded to include dozens of trademarked products offering a wide range of solutions for metal fabrication and Service Center operation. FastCAM has OEM and Business Partners in North America, South America, China, Australia, New Zealand and Europe (Poland, UK, Czech, Hungary). We welcome all enquiries.

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FASTCAM SUPPORTS: BURNY, LYNX, WESTINGHOUSE, ESAB, PICOPATH, CREONICS, HANCOCK, FANUC, C & G, PCS, KOIKE SANZO, TANAKA, MESSER, FAGOR, FARLEY, ANCA, SIEMENS, JHE, HYBRID, MYNUC, ANCA, PDF32 AND MANY OTHERS. THIS IS NOT A COMPLETE LISTING — CONTACT YOUR RESELLER OR FASTCAM DIRECTLY FOR MORE.

FastCAM® will operate on most Pentium based PC's with Microsoft Windows 98/ME/XP or NT4/2000 however the recommended system, particularly for nesting, is a Pentium IV 256/512Mb RAM 80Gb HDD 17" Monitor & Windows XP.

### ADDING FUNCTIONALITY TO FASTCOPY®

The following are trademarked products and are separate, complete programs that can be used alone or in conjunction with FastCUT® :

**FastCAM® System**—Integrated Drawing, Nesting and Post Processor with 'One Click' CAD import.

**FastNEST®** - Nesting System.

**FastSHAPES®**-Shape set for NC.

**FastCUT®** -Rectangular & Linear Optimizer with Cutting List.

**FastCAM® QE™ Plate**-Parametric Estimator for Cut Plate.

**FastCAM® QE™** —Comprehensive Optimized multi-user Quotation System for MSC's.

**FastCAM® MTO**—Fast, automatic material take-off specific to steel.

**FastFRAME® and FastPIPE™** — Tubular and Pipe Development Programs.

**FastBEAM®**—Graphic Beamline programming system.

**FastTRACK®**—Graphic Remnant Plate Tracking.

**FastLINK™**—Fast DNC download from PC to cutting machine.

**FontGEN**—Fonts into DXF.

**Outline**—Convert images to DXF.

**Simple 'Extras'** that can be incorporated into the FastCAM® System include:

**Textmarker**—for marking/identification of processed parts.

**Common Cut Pairs**—Cut parts with a common edge.

COMBINING FASTCAM® WITH OTHER PROGRAMS OFFERS THE MAXIMUM IN PRODUCTIVITY GAINS

#### SQUARE TO ROUND TRANSITION



Using Tradesman in a Box™, this square to round transition was completed quickly and accurately first time. The development even included the line marking and number of degrees for forming every bend!