



FastPIPE™

THE FAST WAY TO PROFILE PIPE ENDS



Ideal for Metal Fabricators

HIGHLIGHTS:

- SPECIFICALLY DESIGNED FOR HEAVY TUBE (PIPE)
- ELBOWS, STRAIGHT & PIPE BRANCHES
- WRAP-AROUND TEMPLATES
- FULL MANUFACTURING AND WELD DETAILS
- AUTOMATIC & EASY!
- INCH & METRIC
- MICROSOFT WINDOWS

Nuts and Bolts:

Dynamic Display changes shape as data is entered

Full 3D Viewing inc stereoscopic, Plan, Elevation & Isometric

'Cutaway' feature lets you see inside the development

Calculates Longitudinal Seam Offsets and more

Cut Width (Kerf) & Coated Pipe Allowance

Includes 2D Drawing System

Fast(CAM) and DXF Output

SIMPLIFY AND SPEED ALL TYPES OF PIPE DEVELOPMENT & ESTIMATION WORK

FastPIPE™ is a specialist version of the FastSHAPES® System for Thick Plate (see separate brochure). Where FastSHAPES® is for flat (pre-formed) Plate, FastPIPE™ is for profiling and adding penetrations to formed heavy tube.

Parts can be developed quickly and adjusted to seam locations etc., to ensure they fit available stock.

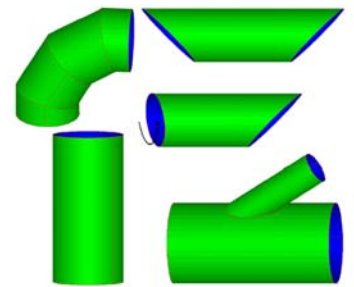
FastPIPE™ automatically produces meaningful data for the forming and joining of parts when appropriate.

FastPIPE™ also creates a detailed PartsList table which is ideal for estimation. No more guesswork!

FastPIPE™ produces a full length wrap around template as a pattern. If the diameter or length exceeds the capacity of the pipe cutting machine it can be created as a DXF or CAM file which can be edited in an external CAM system (or plotted).

In addition, the FastCAM® System (see separate brochure) can be used to add various details to the pattern. E.g. Slots can be added to a pipe intersection profile when reinforcing plate is to be inserted in the joint.

The system is sophisticated but uses familiar shop floor terminology making it very simple to use.



Four 'shapes' cover most pipe development needs:

Elbows: Transforming gored bends.

Pipe Branches: All types including "Set-on and Set-In" developments and offset branches.

Standard Pipes: Short square-cut stubs.

Mitred Straights: Short square-cut stubs, complete with mitred bend(s) and twists.

FastPIPE™ is for pipe cutting where the main jointing technology is welding.

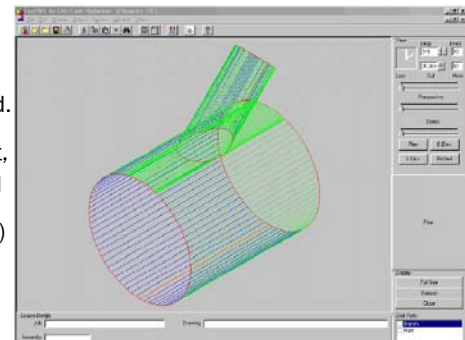
CO-ORDINATES FOR LOFTING AND WELD PREPARATION

Wrap around templates are produced in X, Y co—ordinates which also allows for 'manual nesting' of parts. Weld preparation is easily applied to a square-cut edge as a secondary operation (often after forming and/or removal of green).

Inside/outside mark and cut line edges are also handled, as are assembly markings.

Three standard weld types are accommodated:

- Fixed Butt (Groove) Weld.
- Combination, Butt—Fillet, or alternating Butt, Weld
- Square cut Butt (Groove) Weld



Simple wire frame view shows cutting and various markings as different colors.

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: BURNLY, LYNX, WESTINGHOUSE, ESAB, PICOPATH, CREONICS, HANCOCK, FANUC, C & G, PCS, KOIKE SANSO, 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 FASTPIPE™

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

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

FastSHAPES®—Thick Plate Development.

FastTRACK® -Remnant Tracking for Processed Plate.

FastCAM® QE—Comprehensive multi-user Quotation System for Profiles & Lengths with Optimizer.

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

FastFRAME®—Spaceframe development system.

FastBEAM®—Graphic Beamline programming system.

FastCOPY®—Digitize parts to NC.

FastCUT®—Optimize, Cost, Cut List.

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

FontGEN—Fonts into DXF.

Outline—Convert images to DXF.

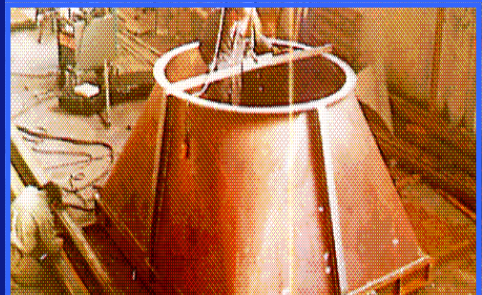
Simple 'Extras' that can be incorporated into the FastCAM® System include:

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 FastSHAPES® 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!