ShopData Systems is an Employee Owned Company

ShopData provides and supports programmable post processors for FastCut CNC Applications.

QuickDuct CAM MASTER

The Industries Premier Duct Fabrication software package

Automatic Fitting Layout

Rectangle, Round & Flat Oval Library

DXF Import

Automatic Shape Nesting

Parametric Shapes

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Now with our new “Flying Window” Fitting Palette.
By using powerful Windows’ features, our new Fitting Palette makes it easy to select your fittings, input the dimensions, quantity and material type, and then see an actual 3D preview of the fitting and the 2D flat layout of the parts. One click of the auto-nest button nests the parts to optimize material usage and then you can view the nested plates as they will be cut.
You can even modify the finished patterns for special applications by using Industrial Fittings powerful “Workbench” drawing tool. You can place holes, chop pieces, scale or stretch them, and even merge two patterns together.

The power you need … with the features you want!
QuickDuct’s powerful features take the manual effort out of job takeoff, tooling, nesting and downloading. It includes the “extras” that you would find only in a system developed by sheet metal experts. A complete rectangle, round and flat oval fitting library and common 2D fabrication shapes gives you everything you need to design, input, nest and cut your own fittings and parts jobs.

- Automatic Fitting Layout
- Rectangle, Round & Flat Oval Libraries
- Import DXF
- Automatic Shape Nesting
- CNC Cutting
Comprehensive library provides over 2000 variations for ultimate flexibility

The QuickDuct Master Fittings library includes rectangle, round and flat oval fitting shapes including cones, offsets, elbows, wyes, branch fittings and square-to-rounds. Capabilities such as mitering, reducing, concentric/ eccentric dimensioning are available as well as selectable seam placement, selectable hole sizing, dual wall, tie rod holes and inside/outside diameter material compensation.

Incredible user-definable shop standards

ShopData™ allows you to customize your HVAC software. Use standard industry pressure classes, or define your own pressure classes and construction tables. Define seams, connectors, vanes, materials and more. Enter your actual costs for accurate job costing!

New Fitting Selection Screen

Our new fitting selection screen is formatted to make it easier than ever to use. Quickly find the fitting you are looking for.

3D active fitting

The active fitting rotates in 3D:

Ultimate customization for labels reports

Through the dynamic interactive capabilities of QuickDuct CAM Master™, you can design your own ShopData reports & labels! By interfacing Microsoft Access® and Seagate Crystal Reports™ with QuickDuct CAM Master™, you have the tools you need to extract critical data for estimating, production, shipping, inventory management, purchasing and more.

Easy to use tree-base Tool Manager

Quickly review and edit your Material Based setting in our new Tool Manager.

New Shop Standards Format.

Quickly find the Connector or Seam you need to modify and change it with our new Change Notch tool

Shape library

Over 66 commonly used shapes – such as lifting lugs, belt guards, flanges, gussets – even fan housings and augers, are pre-programmed and ready for use.

Advanced Shape Nest

QuickDuct CAM Master shape nest automatically nests parts side by side and rotates them to match interlocking angles and contours. Part "pairing" maximizes material usage through piece placement. HVAC Fittings nests parts inside internal cutouts for the highest nesting precision. Other nesting features include chain cutting, move & bump manual nesting with mouse-controlled part rotation.

DXF import & CAD drawing

Use ShopData Systems Software visual drawing tools to design the simplest or most complex parts. DXF files can be imported individually or in batches and automatically tooled, ready to nest and cut as parts!

With QuickDuct CAM Master incredible technology you can easily drag & drop, copy, move, and rotate parts, or move lead-ins and lead-outs anywhere along the tool path or on the nested sheet. You can work with multiple drawings simultaneously and utilize dynamic zoom capability for ultimate precision in your drawings. Automatically tooled parts for multiple tools using SDS’ innovative “layers” technology.

Part macro development

If you frequently cut similar parts with varying dimensions, ShopData’s Macro Programming Utilities allows you to build your own dimensionable shape library! Now you don’t have to redraw every variation of a given part type. This feature works great for multiple component assemblies such as containers, enclosures, curbs, even your own HVAC fitting design!

Personalized training & support

ShopData backs its software with 120+ collective years of metal fabricating experience and 35+ years in business. No cutting software company has more expertise! We offer hands-on, customized training at your site or ours. Take advantage of our 24/7 phone support through the annual Tech-Support & Update Subscription.
Fast, reliable, and easy to operate, the new G7 HVAC is a benchmark for what a cutting system should offer YOU. For cutting sheet metal all day long, nothing beats the new G7 HVAC CNC plasma cutting system in terms of value for your dollar.

**Features**

**HVAC Ducting Software** - The G7 HVAC comes standard with ShopData Systems HVAC ducting software. Use this software to quickly design and draw complex duct work and then send the files to NestMaster 2012 to nest all of the parts on a sheet.

**Remote Support** - When your operator has a question or the machine is experiencing a problem, the quickest way for us to help is to just take a look. Down the street or across the world, as long as your machine is connected to the Internet we can instantly take control and show you in real time what you need to know.

**Servo Motors** - Accuracy, smooth motion, and consistent repeatability are the results of using closed-loop servo motors to produce superior cuts.

**Friendly User Interface** - A 17” Flat screen interface and keyboard/mouse work together to make the G7 HVAC the easiest plasma cutting system to operate.

**What You Get**

- WELDED STEEL FRAME
- STRONG ALUMINUM GANTRY
- AUTO TORCH HEIGHT CONTROL
- FLAT SCREEN MONITOR
- ADJUSTABLE SLATE SUPPORTS
- SDS HVAC DESIGN SOFTWARE
- SDS DRAWING (CAD) SOFTWARE
- AUTO NESTING SOFTWARE
- WIRELESS REMOTE CONTROL
- REMOTE ASSISTANCE ONLINE
- SHAPE LIBRARY
- MATERIAL LIBRARY
- MULTI-GAS & HYDEFINITION READY
- DOWNDRAFT EXHAUST
- UNLIMITED SUPPORT

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