

map

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building
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Duct board

The world's leading solution for pre-insulated duct manufacture



TOTAL SOFTWARE SOLUTION FOR PRE-INSULATED DUCT MANUFACTURING

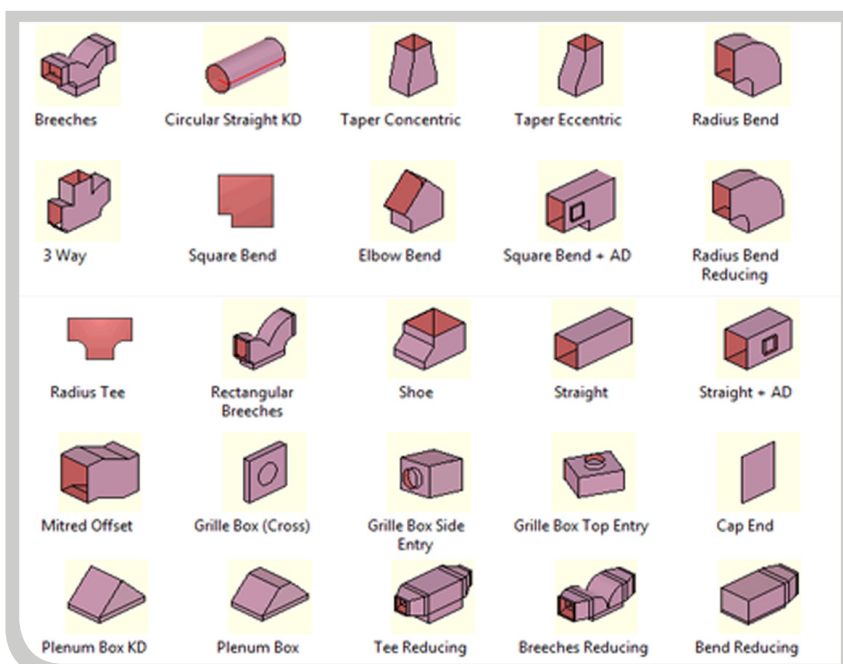
Ductboard is the total production solution that incorporates all the features necessary to efficiently control the manufacturing of pre-insulated duct work. The Ductboard System is manufactured from rigid phenolic insulation panels. It is a proven, innovative product that is easy to install and maintain, providing a new perspective in the fields of air distribution.

The Ductboard System virtually eliminates all the problems of traditional metal ductwork while at the same time offering extra advantages to both the consulting engineer and the fabricator/installer.

Ductboard has been utilised worldwide, pre-dominantly where fire performance and smoke emission have high specification requirements. The MAP **Ductboard** software solution is the perfect choice for use in the HVAC, dust extraction, industrial ventilation, nuclear, marine & offshore sectors plus other similar applications. The package contains a fully parametric library of fittings for usage.



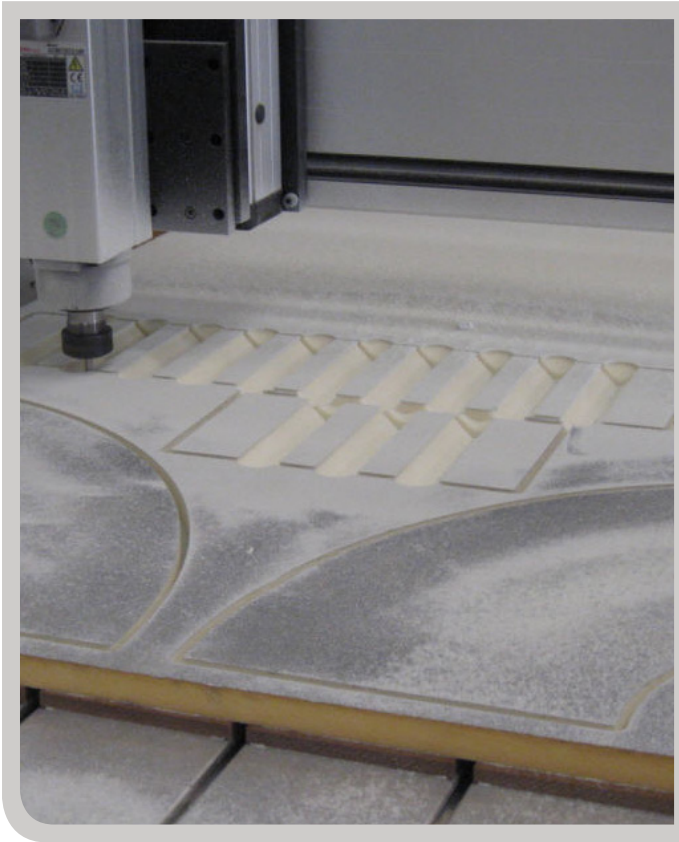
THE MOST COMPREHENSIVE AND PROVEN FITTING LIBRARIES



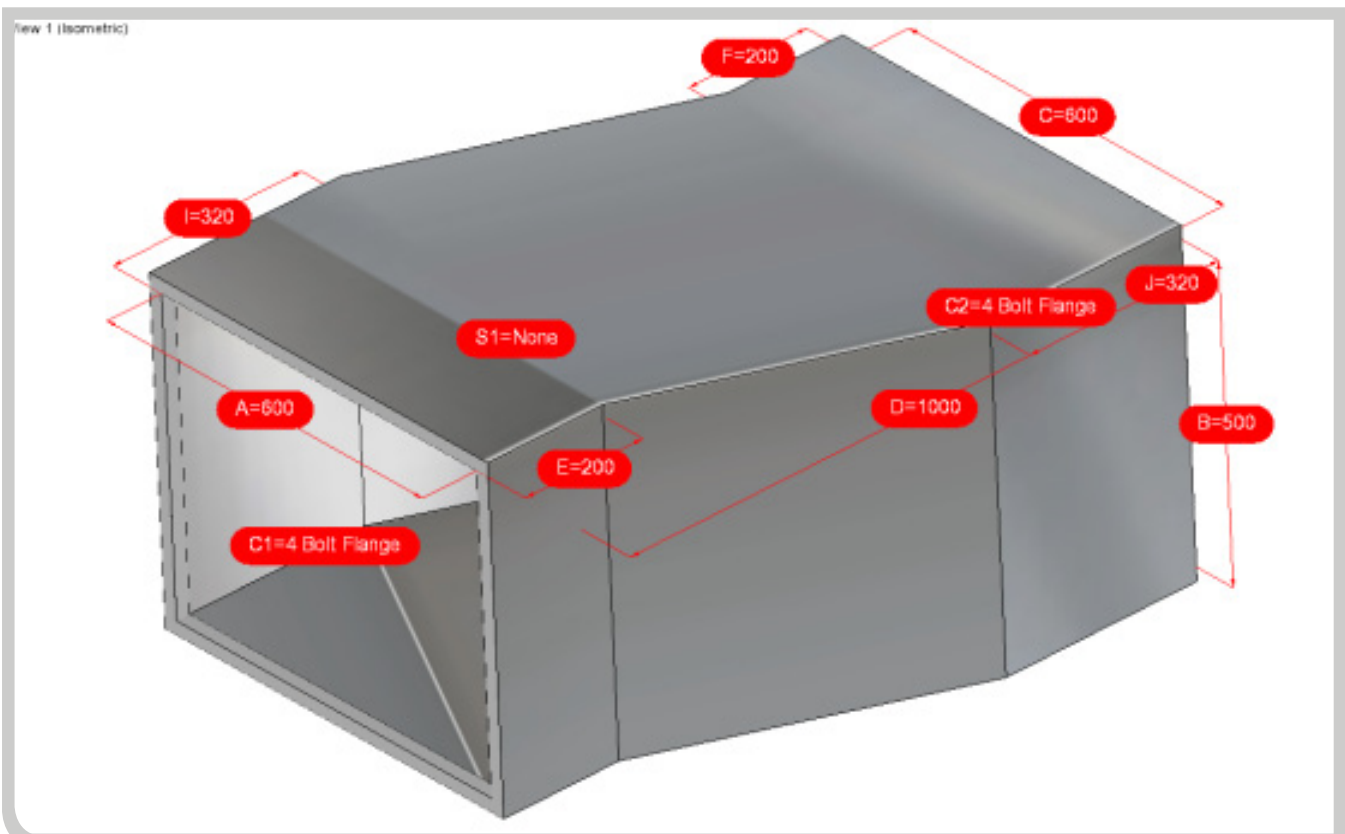
DuctBoard has extensive libraries of fittings available. These can be input with metric or imperial dimensions.

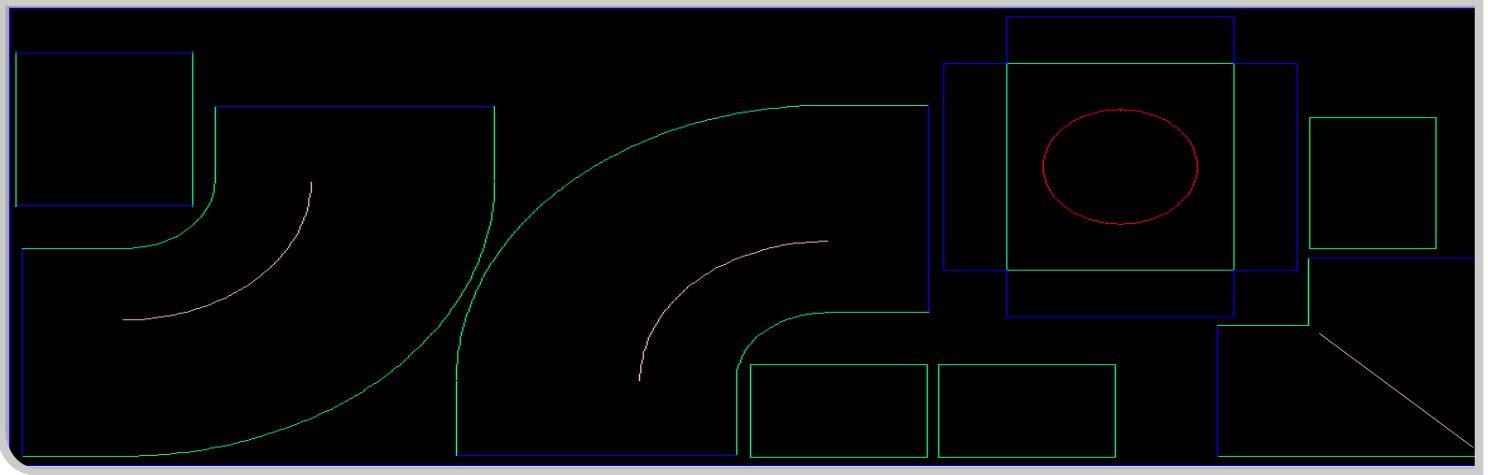
Each fitting can be customised to enable the fast entry of jobs. Create catalogue items for standard dimension components. Sub-assemblies can be created for standard “collections” of components.

FLEXIBLE, SCALABLE, ADAPTABLE AND INFORMATIVE



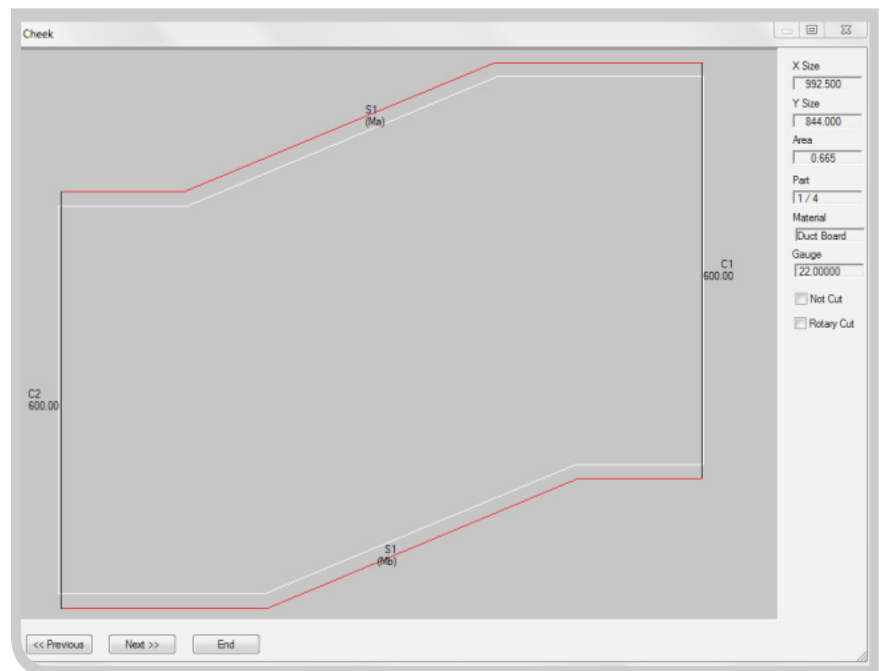
- **Flexible:** 'ease of use' ensures that sheet metal fabricators are immediately comfortable, while the software is powerful enough for the more sophisticated demands of the larger contractors.
- **Scalable:** from basic level operation to running in fully automated unattended workflows integrated with ERP and accounting system, **DuctBoard** delivers consistently and comfortably.
- **Adaptable:** **DuctBoard** can grow with your business and operate a wide range of CNC machines. For example, cutting machines using routing tools or tangential knives.
- **Informative:** jobs created in **DuctBoard** contain a wealth of information that can be output in printed or electronic form to assist in **BIM**, time lining, tracking, procurement and





MANY ADVANTAGES

- **Increased accuracy** - bring a highly accurate design into **Ductboard** from CADduct to automatically manufacture.
- **Increased efficiency** - **Ductboard's** automatic nesting algorithms are some of the best in the industry, guaranteeing minimal waste and allowing remnant storage capabilities so that materials can be re-used.
- **Increased profits** - reducing waste and improving accuracy and efficiency.



HISTORY & EXPERIENCE

A proven track record with worldwide recommendations

MAP Software have over 25 years experience in developing HVAC software solutions. Our software is proven to be reliable, cost effective and designed in line with what our customers have told us they require. DuctBoard is in daily use in over 80 countries by thousands of satisfied customers.

MAP have unrivalled global knowledge of manufacturing, estimating and CAD solutions for HVAC Ductwork. We invest heavily in very active R&D programs that are customer driven and tested.



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ULTIMATE FUNCTIONALITY WITH DYNAMIC MANAGEMENT INFORMATION REPORTING

DuctBoard is more than just a tool to cut out ductwork fittings, **DuctBoard** drives factory production. **DuctBoard** provides workers with guidance & information to simplify tasks.

- The program displays to the machine operator the components to cut.
- Labels or worksheets to show how parts are to be assembled, with barcodes applied for traceability.
- Labels for delivery to the client or job site.
- Workshop reports: connectors, turn ring vanes, stiffeners, splitters, straight duct.
- Management reports: Material Usage, Machine "performance".
- Aide to stock control, purchasing & accounts. Stock Control Reports, Ancillary materials reporting.
- Generates 'Bills of Materials' and 'Delivery Notes' for shipping.
- Interoperability: With other software systems ERP/MRP 'enterprise' systems. Accounting, Order Processing.

Job: DUCTboard Demo
Floor: 1st Floor
Drawing No: DB01

map

Pattern Item Print

Description: Mitred Offset
Item No: DB01
CID: 955
Qty: 1
Status: Machine Cut

Material: DB
Specification: HVAC: DUCT
Order: 987653
Comments:

Dimensions

A	Left Width
B	Depth
C	Right Width
D	Depth
E	Left Extension
F	Right Extension
G	Offset Width
H	Angle
L	Left Extension
R	Right Extension

Connectors


C1	4 Bolt Flange	-3.75	-3.75
C2	4 Bolt Flange	-3.75	-3.75

Notes: Urgent Delivery

Date: 12/10/2010
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Ductboard

Individual item barcode tracking makes status management easy

DB01 

Section: 1st Floor

Project: Sample Label

Job No: DUCTboard Demo

Conn's

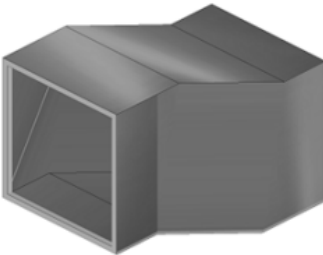
C1=4 Bolt Flange C2=4 Bolt Flange

Size1: 500 x 500 Size2: 500 x 500 Size3:

Mitred Offset Order: 987653

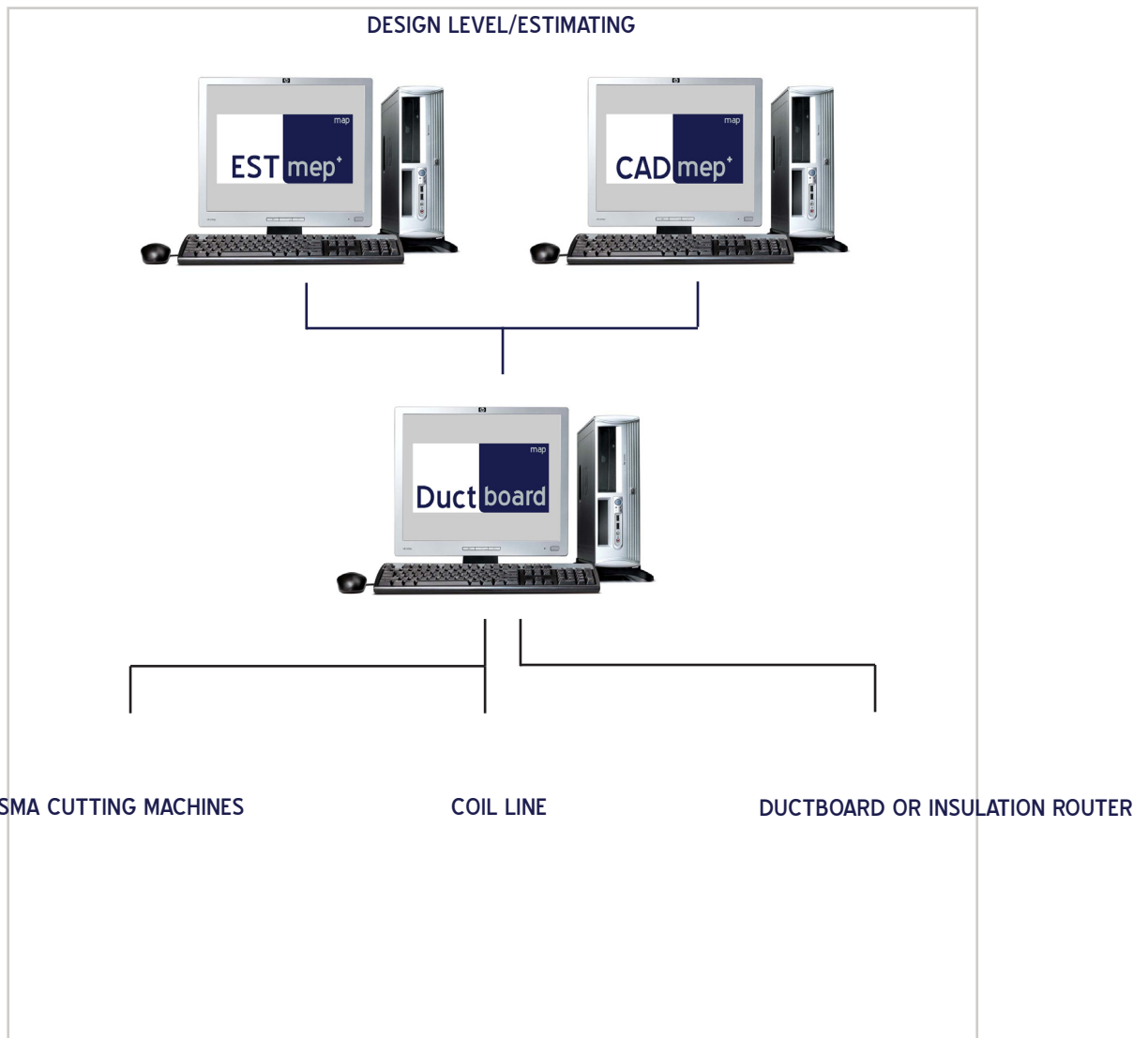
Notes: Urgent Delivery

Weight: 3.16 (kg)



- Bar Code labels can be printed for each fitting in the job.
- Labels can be tracked with Bar Code Scanners
- The Status of each item can be updated and management reports produced

THE POWER OF EXPANDABILITY & INTEROPERABILITY



DuctBoard fully integrates with the drawing office using CADduct, the estimating office using ESTduct and can manufacture directly from those files supplied with little or no alternation.

DuctBoard is the ultimate manufacturing software for today's pre-insulated fabrication professional.

If you would like to see DuctBoard in action, then MAP will be happy to introduce you to one of our many satisfied clients based in your region. We can also provide you with a web demonstration, or perhaps you would prefer an Onsite visit in order to fully investigate your exact requirements.

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Your Local Distributor