



FREEDOM FROM  
HEAVY METAL

# Pippin

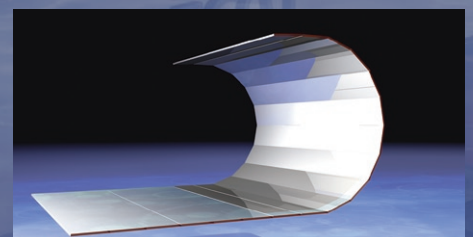
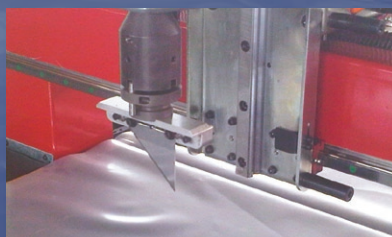
## Building Products

PRESENTS

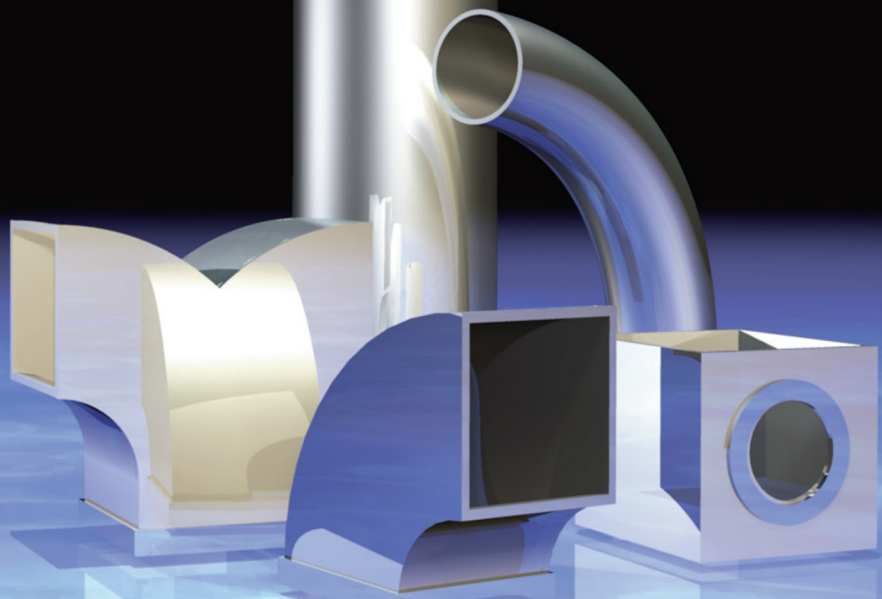


SABRECUT

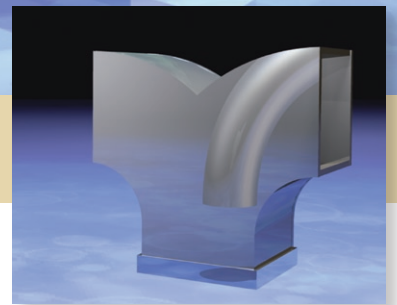
CNC DUCTWORK SYSTEM



THE  
INDUSTRY  
IS RIPE  
FOR CHANGE  
& NEW OPPORTUNITIES



## PRE-INSULATED DUCTWORK & INSULATION



- THE GLOBAL INDUSTRY IS STAGNATING
- GI DUCTWORK HAS NOT CHANGED IN 30 YEARS
- INSULATED DUCTWORK IS SET TO REVOLUTIONIZE THE INDUSTRY
- NOW WE HAVE A NEW, FASTER AND MORE EFFICIENT WAY OF FABRICATING PRE-INSULATED DUCTWORK
- THROUGH INTERNATIONAL MARKETING OF THIS INCOMPARABLE SYSTEM - SABRECUT IS SET TO BECOME A MARKET LEADER

### ENERGY SAVING

save up to 30% over conventional GI ductwork

### THERMAL PERFORMANCE

lowest thermal conductivity

### COST REDUCING

save up to 30% over conventional GI ductwork

### LIGHT AND EASY TO INSTALL

up to 85% lighter than GI ductwork

### SPACE SAVING

up to 200mm ceiling depth saved

*at last, freedom from heavy metal!*



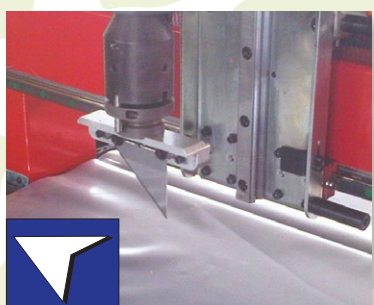
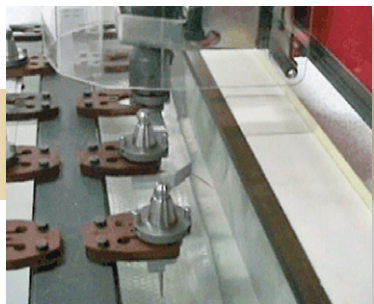
CNC DUCTWORK SYSTEM



## FABRICATING WITH THE SABRECUT

*An innovative range of CNC machines that are designed specifically for the pre-insulated ductwork and insulation industry, featuring an angle cutting head that automatically pre cuts the sheets ready to easily fold into and form the ductwork component.*

- WORKING AREA OF 1200MM X 4040MM VACUUM CONTROL BED
- THE CNC HEAD FEATURES AN AUTOMATIC TOOL CHANGER WITH A VARIETY OF KNIFE BLOCKS FOR DIFFERENT MATERIALS
- THE SABRECUT CUTS 'V' SECTIONS, CIRCLES AND SHAPES WITH TOTAL PRECISION AND EASE
- ALSO CUTS MINERAL FIBRE INSULATION JUST AS EASILY



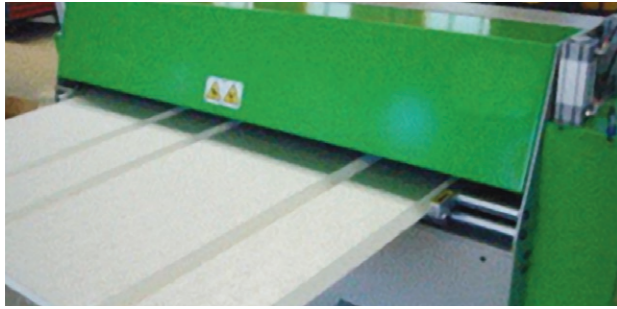
### THE PIPPIN PROMISE

'with the Pippin Sabrecut you can work faster, cleaner, greener and smarter.'

*invest in a future that will revolutionize the way ductwork will be specified and fabricated*



## STRAIGHT V CUT MACHINE



- Each panel is exactly fabricated complete with its V cuts, this makes the process of closing and folding to final shape a very simple process.

## SABRECUT 4000 CNC



- The fully automated Sabrecut CNC machine features an automatic tool changer and fabricates every type of ducting to pattern from the cutting queue.

## AUTO CUT SAW SYSTEM



- Dedicated Auto Cut System with roller side table for accurate flange cutting

## DESIGN & PLOTTING



- Custom design software allows you to compose and create cutting plots with total ease from preset menus.



## Workshop Equipment

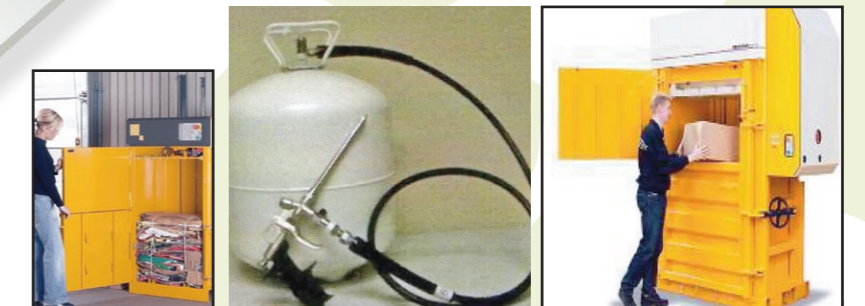
- 1• Computer design & planning
- 2• Un-cut panels
- 3• Straight V cut machine
- 4• SABRECUT 4000 machine
- 5• Cut panels
- 6• Assembly tables
- 7• Extrusion storage rack
- 8• Auto cut saw
- 9• Vacuum pump
- 10• Compressor
- 11• Baler - for aluminium foil
- 12• Baler - for foam only or foil and foam
- 13• Glue machine
- 14• Fabricated storage area

- Unlike other systems - very little additional equipment or services are required in the workshop, the Sabrecut system allows you to fabricate complete systems with all types of ducting processed on one machine.



CNC DUCTWORK SYSTEM

## ACCESSORIES



- Additional equipment includes: Baler, the aluminium foil can be removed from the scrap, compressed & recycled. Hydro Glue Spray Systems for glue application.



# NEW TECHNOLOGY

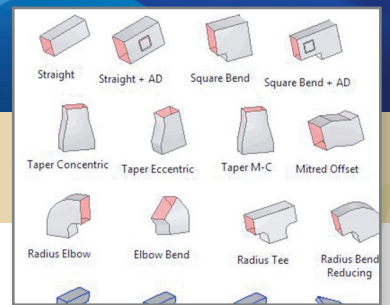
EASY TO USE  
DESIGN SOFTWARE

## Pippin

### Building Products

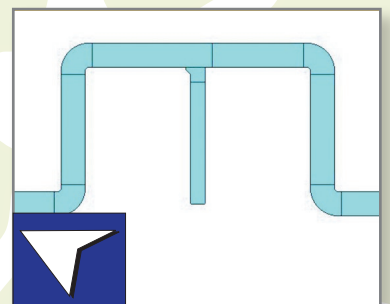
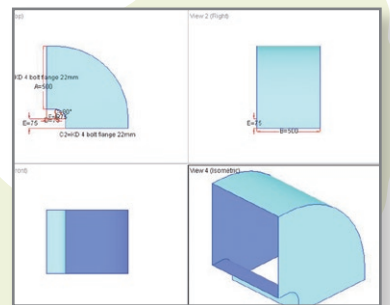


## CUSTOM DESIGN

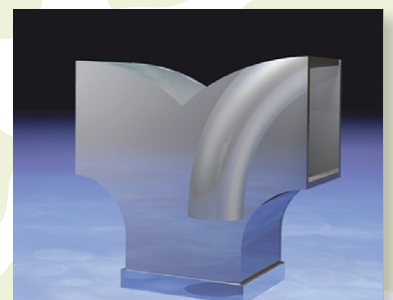
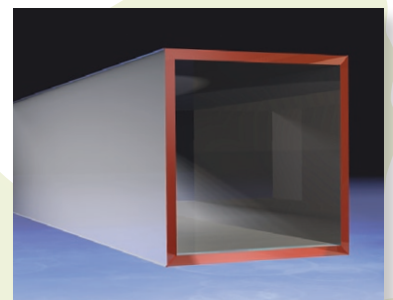
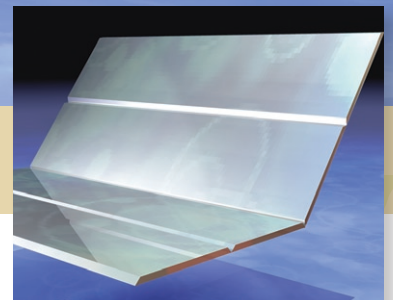
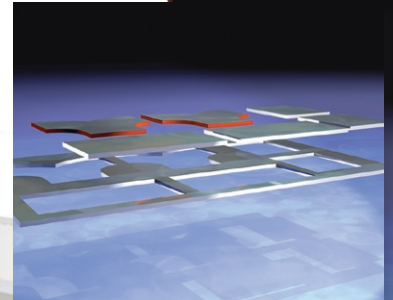
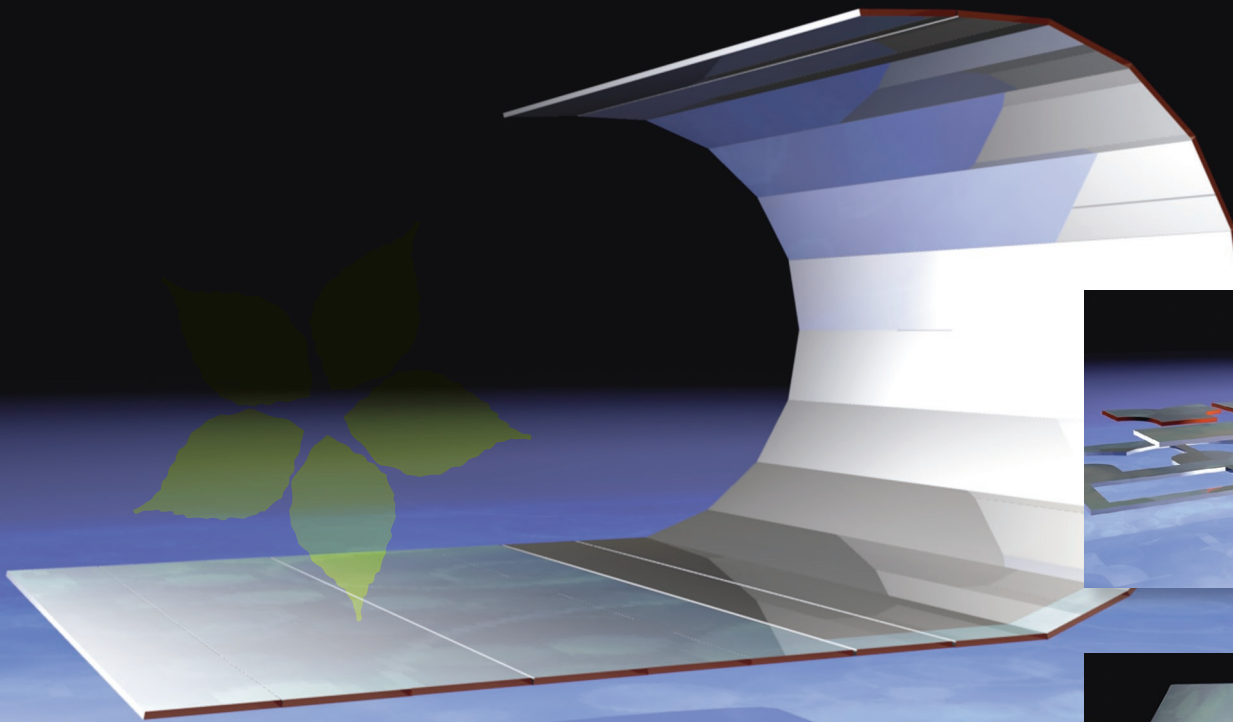


*We have produced a purpose built custom interface that works from a desktop PC that allows for the rapid and easy commissioning of fabricated components.*

- A SIMPLE AND CLEAR LAYOUT - SELECT ANY COMPONENT TO FABRICATE
- DESIGN A COMPLETE SYSTEM IN 2 OR 3D
- OVERLAY ORIGINAL ARCHITECTS PLANS
- FULL SOFTWARE SUPPORT
- SET UP CUTTING LIST
- CREATE ALL TYPES OF DUCTWORK
- COMPATIBLE WITH ALL STANDARD FITTINGS



*the intelligent way to create pre-insulated ductwork*



## SUPER LIGHTWEIGHT DUCTING

### *THE VARYING ANGLE CUTTING TOOL*

*allows the operator to make a variety of angle 'V' cuts that from a standard sheet can be easily folded to make square or circular ducting and so much more....*

- CUTS RIGHT ANGLES, 'V' GROOVES AND 45° EDGES SO MAKES THE MOST COMPLEX ITEMS
- THE PIPPIN SABRECUT SYSTEM CAN USE INDUSTRY STANDARD FLANGES AND CONNECTIONS TO FIT AIR HANDLING UNITS, FAN COIL UNITS, FIRE & VOLUME CONTROL DAMPERS
- THE PIPPIN SABRECUT SYSTEM CAN BE MADE TO MEET AIR LEAKAGE REQUIREMENTS OF CLASS C AND IN MANY CASES CLASS D

*surfaces can be pre-treated for specialized use*





**PRE-INSULATED DUCTING**

video presentation available on request

**PART OF A UNIQUE RANGE OF PIPPIN PRODUCTS**

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