

Cutting ductwork projects down to size.

Use the resources of the Cooke ductwork fabrication plant and you can take control of any size contract knowing you have the backing of one of the most efficient duct shops in New Zealand. Now you'll never cut off more than you can chew.

Projects of all sizes are managed by Cooke. If it's cutting you need, make use of their material handling and plasma cutting service to save you time and material wastage.

Cooke are large enough to have a coil line in-plant which prepares blanks for the manufacture of straight ductwork and fittings.

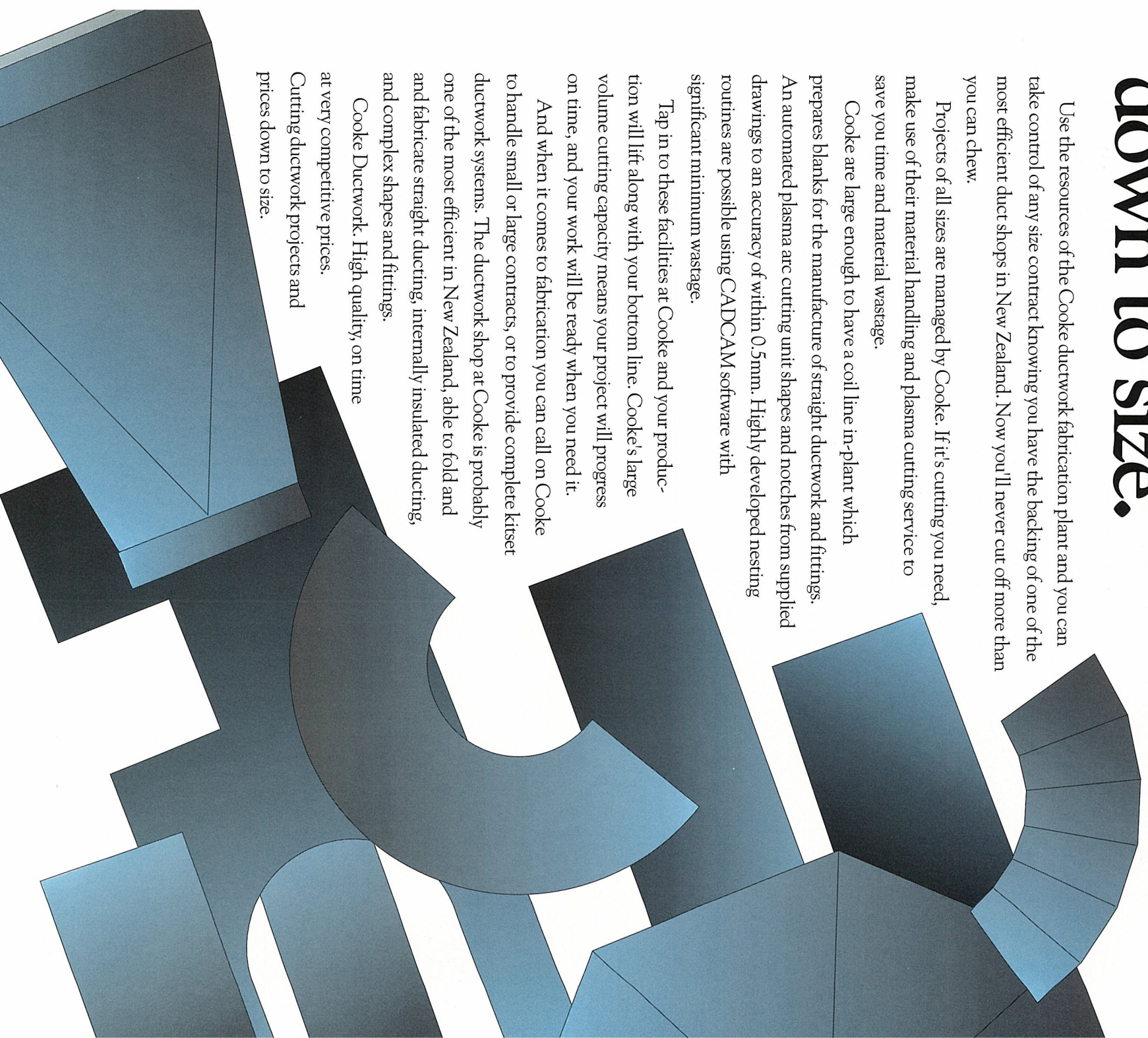
An automated plasma arc cutting unit shapes and notches from supplied drawings to an accuracy of within 0.5mm. Highly developed nesting routines are possible using CAD/CAM software with significant minimum wastage.

Tap in to these facilities at Cooke and your production will lift along with your bottom line. Cooke's large volume cutting capacity means your project will progress on time, and your work will be ready when you need it.

And when it comes to fabrication you can call on Cooke to handle small or large contracts, or to provide complete kitset ductwork systems. The ductwork shop at Cooke is probably one of the most efficient in New Zealand, able to fold and and fabricate straight ducting, internally insulated ducting, and complex shapes and fittings.

Cooke Ductwork. High quality, on time at very competitive prices.

Cutting ductwork projects and prices down to size.



SEE OVER FOR FABRICATION SPECIFICATIONS

*Cooke Ductwork is cut and manufactured to
USA-SMACNA construction standards.*

Cooke Air Conditioning



Cooke Ducting for large or small contracts, plasma cutting, fabrication of components and complete kitset ductwork systems.

Ductwork fabrication in one of New Zealand's most efficient shops. Providing high quality ductwork, on time, at competitive prices.

EFFICIENT COIL STOCK HANDLING AND BLANKING LINE

The plant is equipped with the latest machinery for volume production of plain and internally insulated ductwork. The overhead gantry handles 5 tonne coils reducing handling costs and the cost of raw material. Sheetmetal is blanked off from coil stock to optimum lengths for fabrication of straight ducts and for computer controlled plasma cutting of complex fitting pieces.

CUTTING THE PIECES

Let Cooke work out the jigsaw for you. They will cut and supply the pieces for you to put together. If this is the service you need, read no further. You've found a shop that makes the best use of the material and provides you with components that fit!

PROVEN FABRICATION METHODS AND DESIGN

Cooke have designed and produced ductwork for over 40 years. They have developed a system of ductwork cutting and fabrication which is economical to cut, fold and assemble and meets leakage test criteria across a wide range of velocities. Utilisation of the internationally recognised MEZ system of flanging quickens manufacture and installation. A complete system of hangers and ties is available for fast and easy installation.

COOKE COPE WITH THE BIG CONTRACTS

By placing the total duct order with one specialist manufacturer, and with the added utilisation of sub-contractors to assemble portions of the ductwork, the project can be managed in terms of volume production, uniform manufacture and installation and quality.

SPECIFICATIONS

13,000 sq ft plant with high stud, industrial lighting, 3 phase power, compressed air and 5 tonne overhead gantry.

SHEETMETAL DECOLLING

- 9m/min line speed
- 1542mm width
- maximum blanking length 3000mm plus
- 0.4 - 1.6 mm thickness

PLASMA CUTTING

- P.G.I
- stainless, mild and alloys to 10mm
- accuracy to 0.5mm
- computerised nesting and cutting

TURRET PUNCHING

- accurate hole cutting up to 65mm for P.G.I.

CNC CONTROLLED PRESS BRAKE & GUILLOTINE

- computerised for reparability

DUCT SEAM FORMERS

- Lockformer joint forming machines

GUILLOTINES, FOLDERS, SPOT WELDERS

AVAILABLE TO ORDER

- Wet spray painting or powder coating
- Fire Dampers and sleeves
- Multiple blade volume dampers
- Flexible ducting and connectors
- Grilles and diffusers
- Hangers and supports
- External thermal insulation

OTHER HVAC PRODUCTS FROM COOKE AIR CONDITIONING

- Silencers, acoustic louvres, panels and enclosures
- Air Handling Units
- Chillers
- Rooftop Air Conditioners
- Cooling Towers
- Heat Exchangers
- Coils
- Pressure Vessels

PLASMA CUTTING ACCURACY

The use of automated machinery increases capacity and provides a high level of accuracy. Accuracy is provided by CAD/CAM computer controlled cutting machines cutting to 0.5mm tolerances. The Vulcan CAD system provides detailing of ductwork, works out the optimum nesting of components and controls the plasma cutting unit. Input is also possible from CAD dxf files. These controls speed up the process and maintain accurate interpretation of drawings.

CUTTING OUT WASTAGE LONGER DUCT LENGTHS, FEWER PIECES

The use of coil stock permits optimisation of sheet sizes while the plasma cutting of complex ducting and fittings reduces waste and lowers finished product costs.

The Cooke coiling and blanking line handles a coil width of 1524mm resulting in longer than normal ducting. Installation time is reduced due to fewer pieces, fewer joints.

Talk to us about cutting your ductwork projects down to size

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Cooke Air Conditioning

