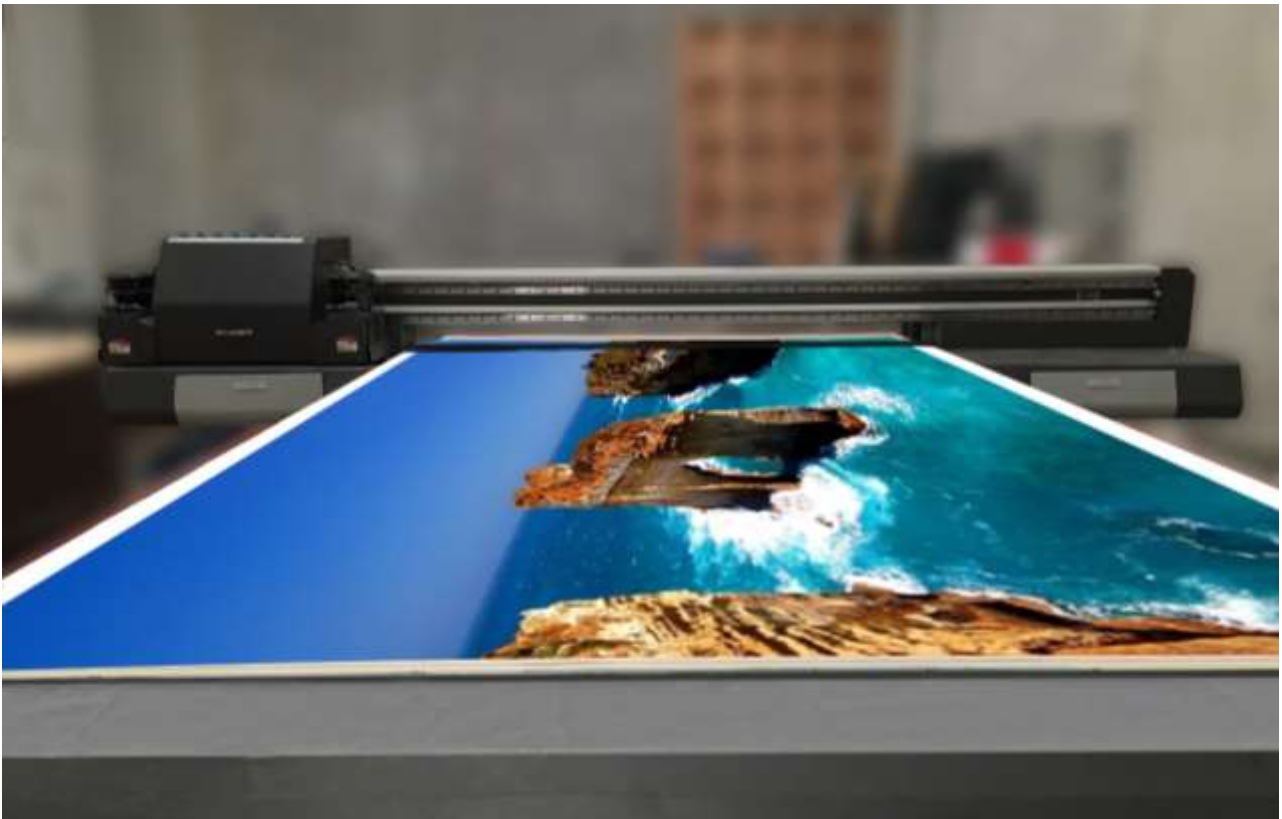




4N ADVANTAGE

4N ADVANTAGE PTY LTD. 6/6 FROST RD. CAMPBELLTOWN NSW 2565
2ND EDITION



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Introduction to 4N

4N Advantage is a new and forward-thinking packaging manufacturer situated in the south-west of Sydney at Campbelltown, NSW. Started by Paul Foran, his vision was to provide a short run digitally-printed packaging facility that would provide cost effective packaging and display material to business. This would enable 4N customers to better manage their packaging and promotional spend and align to what Paul saw as the future of packaging manufacturing with the advent of new technologies and competitive pressure from overseas suppliers.

Spin off opportunities

With large format printing and cutting machines 4N would also be able to supply, again at cost effective rates, other digitally printed products such as kitchen splash backs, shower screens, signage etc. But, most importantly, POS displays, specialty cartons, disposable exhibition stands and media walls, etc in a range of substrates.

Background and experience

Paul comes from a packaging family and from an early age was firing up corrugators and printers with his brother and cousin during the school holidays in his grandfather's packaging factory. These early days developed into a career that culminated in his appointment as General Manager of the plant, a position he held for several years. Having "come up through the ranks", Paul's 30 years of experience has enabled him to acquire the skills he has brought to 4N Advantage.

What we offer

We can offer all areas of printing and packaging, making us your one-stop shop. Starting with the design of your carton, we can also manage your artwork requirements. Then comes the production – Flexographic printing for shippers and standard print requirements, Digital for short run high quality print, and lithographic (including litho-laminated) for high volume, high quality requirements. When you are ready to pack and ship your products, we have that covered too. 4N is able to offer co-packing services – this is where we will assemble and pack your displays or cartons ready for delivery, or we can supply all of your packaging accessories, such as tapes, hot melt glue and guns, box cutters, strapping, pallet wrap, bubble wrap, void fill, and a whole range of other products.

Core Capabilities

Digital Printing

Size matters - short runs a strength

Size is our main game and at at 3.2 mtrs x 2.0 mtrs, we can do large prints on solid substrates that include corrugated cardboard, acrylic, timber, metals and plastics. So, we can put your selected image on packaging, point of sales displays, exhibition booths, media walls, stands and signage, just to name a few.

Thick Substrates

At up to 100mm thick, our print facilities can do more than just posters and flat images. We can also print assembled and semi assembled parts, including acrylic counter displays and metal, plastic or timber parts etc.

Multiple Item Opportunities

Large format also offers 4N customers greater flexibility and better pricing because of our ability to fit more items on the print bed. We can print more of an item in a single pass, or multiple products at once, lowering the cost of production and therefore the cost to you!

Short Runs

If you want a single fully printed sample, a small production pilot run, or you just “need a few” for that special event, we are your go to guys. Any quantity on any substrate!

Reel to Reel

If large images on a flexible substrate is your requirement, we have that covered too! With reel to reel on coated papers and fabric capability, banners and signage are all possible. Our maximum sizing is a little different (1.3 mtrs wide) but still perfect for most applications.

Packaging

Our specialty is packaging items such as POS displays and complex cartons, display objects (pyramids, cubes) and exhibition stands - either stands and liners or the whole stand fabricated.

Design Services

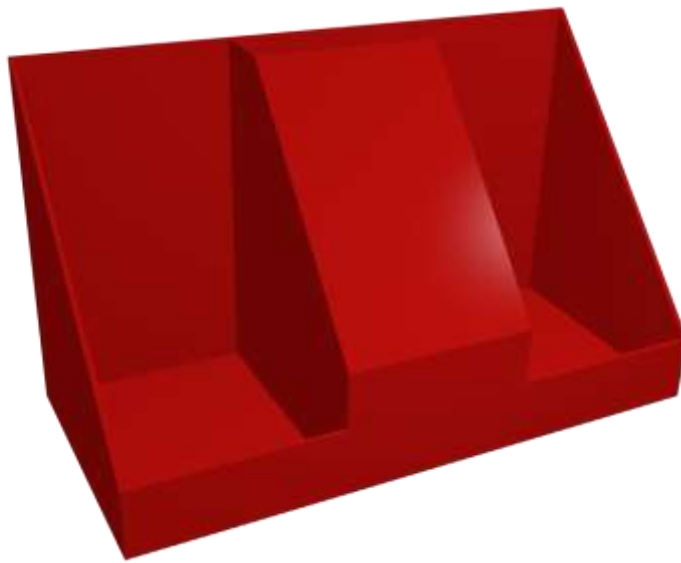
Using the latest software, we can design the carton or display and art for your project from the ground up, or manage your existing art. If need be we can modify your art to suit changing requirements both at the initial set up stages and later when you want to re-run your project or do a promotional run. We prepare your art with the required manufacturing process in mind and ensure that your die lines fit and are properly registered so that when the art is ripped, we and you, get what we expect.

Core Capabilities

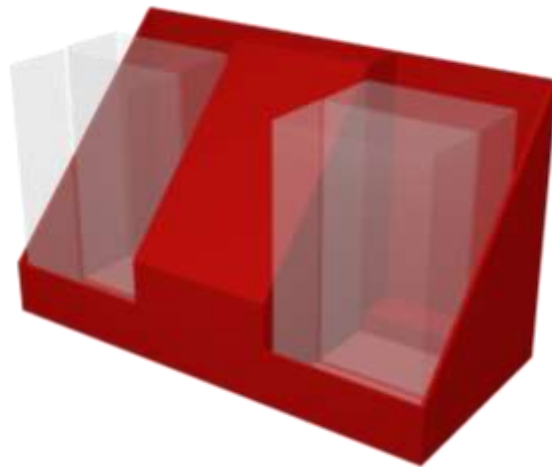
3D Render

3D render is a recent addition to our capabilities and one that we hope will assist our clients in making design decisions that results in a satisfying finished product before they commit to finished art and designs.

Visualising your ideas in advance greatly enhances the outcomes when your project goes into production because the required processes and machines can be identified early, and often this shapes the design based on the cost of the production methods giving rise to design ideas you may not have previously thought about.



3D render of proposed POS display



3D render of proposed POS display with product loaded

Core Capabilities

Key Advantages to Digital Printing and Cutting

Tooling

The key advantage of using digital print and cutting methods is that no tooling is required. With other methods, such as Flexographic or Lithographic printing, tooling is required. Flexographic will require a separate stereo for each colour, and Lithographic will require printing plates for each colour and varnish plus a knife for the die-cut process.

This should not deter you if you have the quantities for high quality, large quantity runs but it's nice to know that those on a limited budget can compete with bigger budget competitors at a cost you can afford and quantities you can manage.

Short Runs

With digital printing and cutting any quantity of short run is possible – even just 1 - enabling 4N customers to experiment with product pilots or POS displays or specialty packaging to try to gain a competitive advantage without the high tooling and production costs that these items usually attract. Art and designs can be changed from run to run if necessary without incurring additional change costs. This way you can experiment until you get it right or quickly react to customer feedback about your item.

Key Advantages over Litho or Flexographic

The item at right was printed on coated stock and laminated onto single face. It was then die-cut into the shape that enables it to be folded into the POS display you see. To do this, 5 printing plates were required and a die and stripping unit to make the shape. But beside that, a minimum order of 3000 units was required.

Digitally, however, a 500 unit order would have attracted a lower manufacturing cost and the tooling costs - NOTHING!

** This item printed Litho-Laminate not digitally*



Core Capabilities

Digital Cutting Services

Size still matters - short runs still our strength



Our cutting maximum sizes are the same as our printing maximum sizes so we can match our printing and cutting seamlessly.

Cut Substrates

Using different blades and cutting heads we are able to cut varied substrates, with corflute, corrugated cardboard, chipboard, foamboard, and acetate amongst them.

Laser Cutting

For more rigid substrates (like acrylic), we offer Laser cutting facilities. With maximum cut sizes of 3.0 mtrs x 2.0 mtrs we are able to handle the majority of projects, particularly in the packaging or exhibition area.

White Samples

Whether digitally or laser cut 4N provides actual size, assembled or flat-packed white samples.

Our samples include multi-substrate assemblies e.g. a corrugated board sample can contain many different board grades that best suit the application, and we can include corflute, poly-propylene, and more!

Printed Samples

If your art is ready, or we are doing the design and/or art for you, we can lay out your art to fit our print table and print the parts of your assembly and produce a fully printed sample which will look exactly as the finished product will.

Tooling

NONE!!



Other Capabilities

Flexographic Printing

Speed and Quantity

Shippers and Folders

Shippers (brown boxes) are also in our range of expertise. Once you have your product ready, you need to pack it for shipping. Well we can help there too. At 4N we can get your shippers to you using state of the art flexo-folder gluers providing longer run quantities in good turnaround times.



** Printed and cut on a flexo-folder-gluer.*

Longer Runs, Fast Turnarounds

For larger quantities, we can run your shippers printed or plain and provide them flat packed or packed off for you.



** Printed digitally directly onto corrugated board.*

Other Capabilities

Lithographic Printing



Print Quality and Quantity

When you need larger quantities with a high quality print, then lithographic or litho-laminate is the way to go, and at 4N you can get that too.

The best method is to print sheet at very high quality and laminate the sheet to corrugated reels. Laminating to reels forms corrugated cardboard with a very high quality print on the outside.

You can create high quality shipping cartons, e.g. wine and beer cartons, all the way to POS displays (pictured).

4N Advantage can also cater for the necessary art and die-lines for this type of method. While this method produces high quality results it requires tooling, but if you have the marketing requirement and the quantities, then it's the way to go. If you have an ongoing requirement for a POS display or specialty item, but maybe not in a single sale, we can help with having multiple deliveries across a single order.

** Changing artwork or the die line (shape) from one order to the next incurs tooling change charges.*

Other Capabilities

Co-Packing

Start to Finish Service

Outside of manufacturing, 4N Advantage can also pack off product into your custom printed, cut and assembled display containers or shippers. Our main objective is to manage your product launch, pilot program or your ongoing supply contracts by managing the whole process for you from concept and design, to manufacturing and packing it off for you, and delivered to your preferred distributor or warehouse.



Because of our extensive experience managing manufacturing processes over many years, we are able to effectively plan and execute your pack off and deliver on time with constant quality and accurate stock management.



** Designed, printed, cut, assembled and packed product*

Other Capabilities

Packaging Supplies

Things You Might Need

To compliment and complete our services, we offer packaging materials that we can supply that may assist you in your quest for a competitive product in the marketplace.

We can supply all your packaging accessories; such as tapes, hot melt glue and guns, box cutters, strapping, pallet wrap, bubble wrap, void fill, and a whole range of other products. Call us for more information.



Other Information

Contacts

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