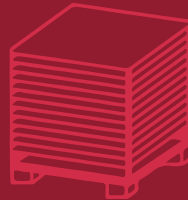
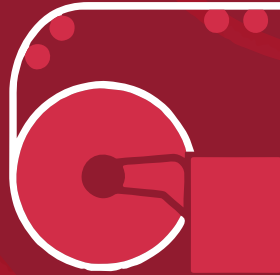


GRAPH-PAK

PTY LTD



Supplying blue-chip machinery
to the printing, packaging and
converting industries in Australia
and New Zealand since 2006



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Graph-Pak: where discernment and automation is key

Graph-Pak managing director Tom Ralph, who has been building a reputable list of sales distributorships under the company banner since 2006, runs us through some of the products it distributes to the industry, and the discernment involved in its choice of offerings.

Graph-Pak has been supplying blue-chip machinery to the printing, packaging and converting industries in Australia and New Zealand since 2006, and provides specialist service engineers for installations, maintenance, and bespoke projects. Its sister company, Graph-Pak Laminating Supplies, offers a wide range of consumables such as laminators, rubber rollers, as well as a range of spare parts, tapes, and chemistry.

The products that Graph-Pak distributes are chosen with care, in keeping with the company's mission of providing advanced, reliable and functional automated equipment and engineering solutions and services to the industry.

"As the world continues to spin, our markets continue to change, and it is imperative that we change with them. That's why I choose suppliers who relentlessly invest in R&D to provide the very best automation solutions year after year," Ralph said.

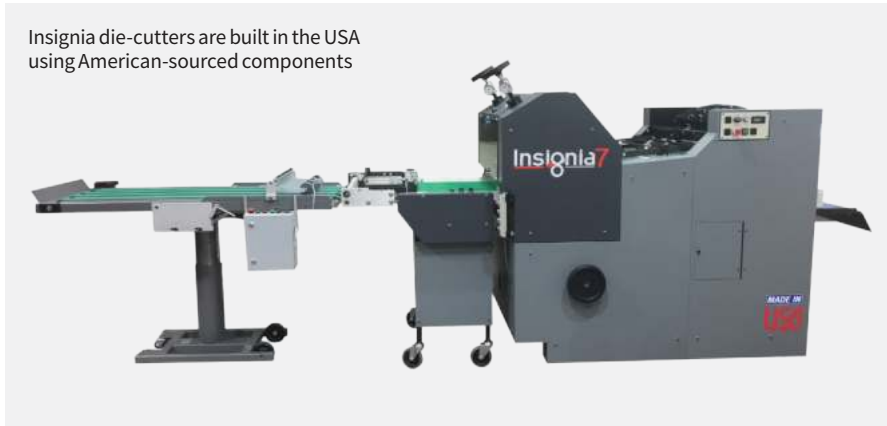
"My dear now-departed dad used to say 'no one gets anywhere sitting on their hands except sore hands'. Graph-Pak is exactly the same - I drive the business hard because demands are ever-changing and customers need fast, reliable solutions. They need fast, efficient machinery to meet the 'on-demand' environment, they need prompt courteous service and support when called on, and they need good value consumables that deliver satisfactory results.

"This is the mindset my team and I have. Our customers are our partners, and this is the key to success," he added.

Some of the products that Graph-Pak offers are:

INSIGNIA DIE CUTTERS

Insignia sheet-fed, rotary, flex magnetic die-cutters weigh between 1360 kg to 2495 kg depending on the size of the machine (die cutting section only). Built in the USA using American-sourced components, the machines have 38mm to 64mm thick solid side-frames to house the cylinder section and support the cutting station and can



Insignia die-cutters are built in the USA using American-sourced components

apply up to 1360 kgs of downward force directly to the cutting station.

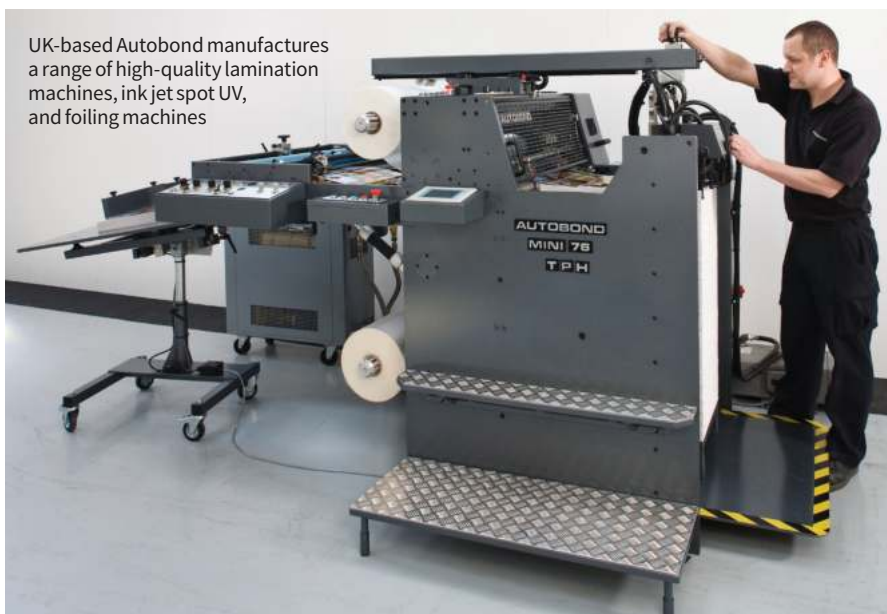
The cutting dies utilise flexible die technology to work on a rotary magnetic cylinder system. The cutting tools, or dies, that the Insignia machines provide are available in a variety of different hardness depending on the substrate to be cut as well as the lifespan of the die and can perform die cutting and kiss cutting on the same tool.

A flexible die can be produced with radiuses of a circle that are not achievable

on a steel rule die, as well as obtain proximity of cutting blades that is not available on flat bed dies. Flexible dies take up little space - they can easily be stored on either a tabletop or in a file cabinet.

AUTOBOND MINI 53 TH LAMINATION MACHINES

Autobond is a third-generation family-owned engineering company in the heart of Derbyshire, north of London, England which manufactures a range of high-quality lamination machines, ink jet spot UV, and foiling machines to enhance and protect print.



UK-based Autobond manufactures a range of high-quality lamination machines, ink jet spot UV, and foiling machines

Its highly skilled engineers take pride in producing top of the line machinery that is renowned for its quality, reliability, and productivity around the globe. Highly active in R&D, the company continually expands into new technologies and applications including:

- Ink Jet Spot UV/High Build Spot UV/Digital Embellishment/3D Spot UV
- Foiling
- Roller Coat UV
- PSA Magnet Lamination
- Embossing
- Thin Film Laminating Machines
- Thick film Encapsulation/Edge-Seal
- PSA Release Liner Backing, Floor, Window, and Counter Graphics
- Reel to Reel & Reel to Sheet

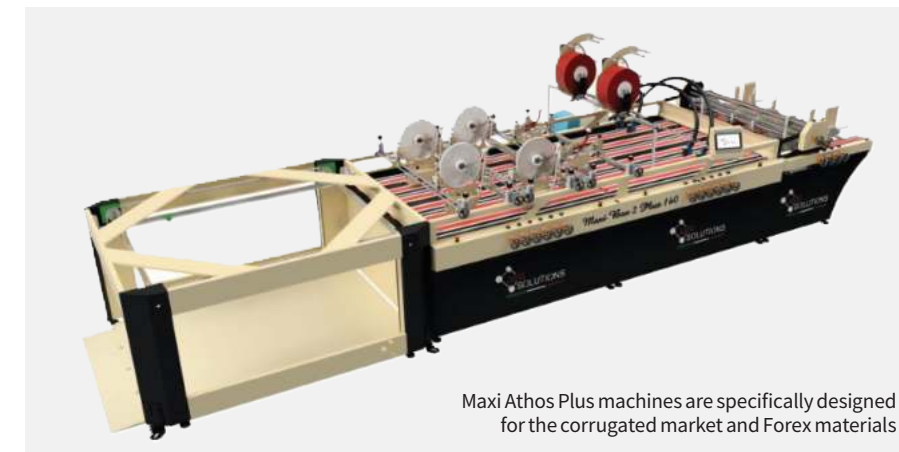
Autobond Mini 53 TH, a best seller for Graph-Pak in 2022 and 2023, is a quick make-ready, one or two-sided, sheet-fed, thin film thermal laminator designed specifically for half-size offset and digital format applications. It has a modular design to add options such as a perfector, automated stacker, in-line UV coating, or an in-line foiling machine.

Some of its other features include:

- Ideal for short and medium run lengths
- Max sheet size: 53cm x 75 cm
- Min sheet size: 32cm x 22.5 cm
- Max speed: 50 m/min
- 115 gsm (80 lb text) to 650 gsm (24 pt)
- Quick make-ready
- Easy operation
- Small footprint
- Heavy-duty build quality

APR SOLUTIONS' MAXI BOX PLUS MACHINES FOR E-COMMERCE

Maxi Athos Plus machines are designed to apply double sided tape with automatic feeders. Specifically designed for the corrugated market and Forex materials, the machines are available in two sizes: 160 cm (Maxi Athos Plus 160) and 220 cm (Maxi Athos Plus 220), and are available in up to six RAP applicators.



Maxi Athos Plus machines are specifically designed for the corrugated market and Forex materials

Other features of the machine are:

- Supports stiff cardboard, corrugated cardboard, PVC, plastic, acrylic, wood, and aluminium foil
- High-precision applicator placement with the new linear make-ready system
- Pneumatic shafts lead the product towards the delivery unit avoiding materials jams
- A professional operator is not required

EUROPA - B2 FULLY AUTOMATED LAMINATORS

A fully automatic laminator for sheets up to B2 size, the Europa is compact and easy to use and ideal for the print-on-demand market. Based on the successful Jupiter range, its features make it equally adept at running both digital and lithographic output.

It includes a suction feeder which offers a deep pile for longer-run work and is easily adjustable for a variety of different sheet sizes, as well as an infeed roller. The roller presents lightweight and digital output to the laminating and nip rollers where a missing sheet detector helps to prevent unwanted wraparounds.

Its other features include:

- High pile feeder to maximise efficiency for longer-run work
- Heated steel top roller
- Rubber nip roller
- Scrolled in-feed roller to help feed lightweight and digitally produced sheets
- De-curl bar which can be adjusted on the run



The Europa - B2 fully automated laminator is compact and easy to use and ideal for the print-on-demand market



As the local agent for Osako, Graph-Pak sells the company's Tener and Tener Alpha and model 368 high-end saddle stitching machines

- Burster type sheet separator, automatically separates sheets up to B2 size
- Integral catch tray to suit various sheet sizes
- PLC controlled
- Compact footprint
- Centralised control panel
- Mandrel with hinged support that helps to adjust film laterally on the run

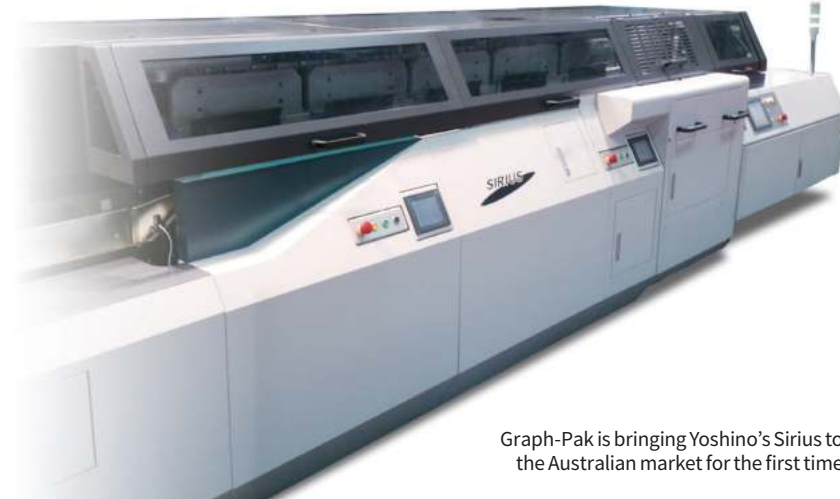
OSAKO AND YOSHINO BOOKBINDING EQUIPMENT

As the local agent for Osako, Graph-Pak sells the company's Tener and Tener Alpha and model 368 high-end saddle stitching machines new, or cost-effective certified factory refurbished options as well. In November 2022 the company was appointed as the local agent of Yoshino, the largest perfect binding manufacturer in Asia, and is bringing Yoshino's Sirius PUR Perfect Binder to the Australian market for the first time.

"The exciting thing about these two brands is being able to offer a true 'quality competitor' to the Australian and New Zealand markets. Osako Seiki is already regarded as one of the best on the planet for new equipment and innovation," Ralph said, explaining that the reason Osako also offers refurbished machinery is that it recognises the demand for high quality units that are attractively priced.

Osako said its Seiki-certified refurbished machines have been completely overhauled to be good as new and offer a full warranty. They are made from Japanese iron, which is believed to have a 100-year warranty.

Bookbinding equipment manufacturer Yoshino YM Machinery applies the technology and traditions inherited from its predecessor



Graph-Pak is bringing Yoshino's Sirius to the Australian market for the first time

Yoshino Shuppan Kikai Company Ltd, which was founded in 1911. The company offers PUR binders, perfect binders, auto trimming, inline and auto trimmers offline, compensating stackers and more.

"Yoshino takes pride in contributing to a customer's success by providing machinery and services to help them reach the optimum from their investment. To me this is the perfect partner as the sale isn't truly over until all the boxes are ticked," Ralph said.

COL-TEC COLLATORS

Col-Tec manufactures highly versatile suction feed collators, booklet makers and associated optional equipment.

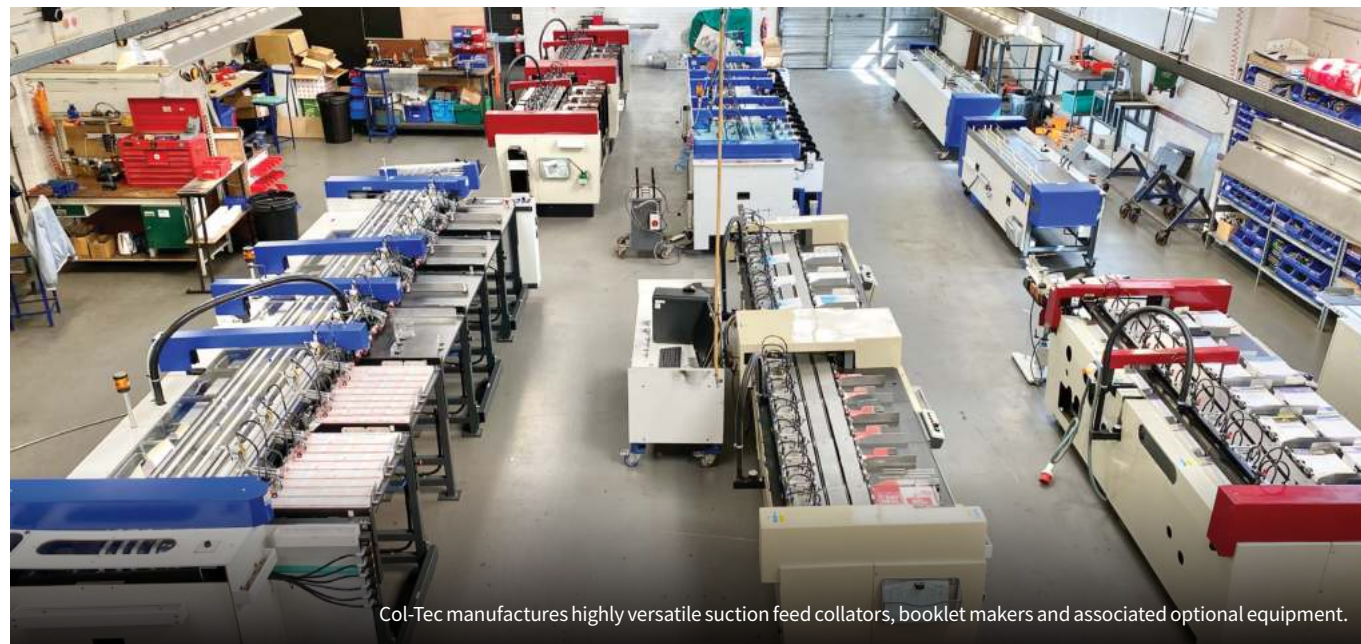
"Col-Tec collators are robust, and reliable and collate stock material and sheet sizes well outside the capability of other collators," Ralph said, adding that the company has the most experienced and skilled collating machinery engineers

in the world and offers solutions for all collating applications, including certified factory refurbished machines at "great prices".

In fact, Graph-Pak has installed six refurbished Col-Tec machines in Australia and New Zealand in the last 24 months.

"There have been important developments in collating in recent times, which have the potential to revolutionise finishing. Indeed, I believe that many finishers will be both surprised and impressed with the technologically advanced Col-Tec collators now on the market," said Ralph.

Most of the products that Graph-Pak distributes offer advanced productivity and automation capabilities. This is not surprising, Ralph concludes, pointing out that automation has been the company's key pillar since its inception over two decades ago.



Col-Tec manufactures highly versatile suction feed collators, booklet makers and associated optional equipment.



Supplier Profile Specialising in capital equipment sales, service, engineering solutions and consumables

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Introducing our latest Japanese manufactured bookbinding equipment



About Osako, made in Japan

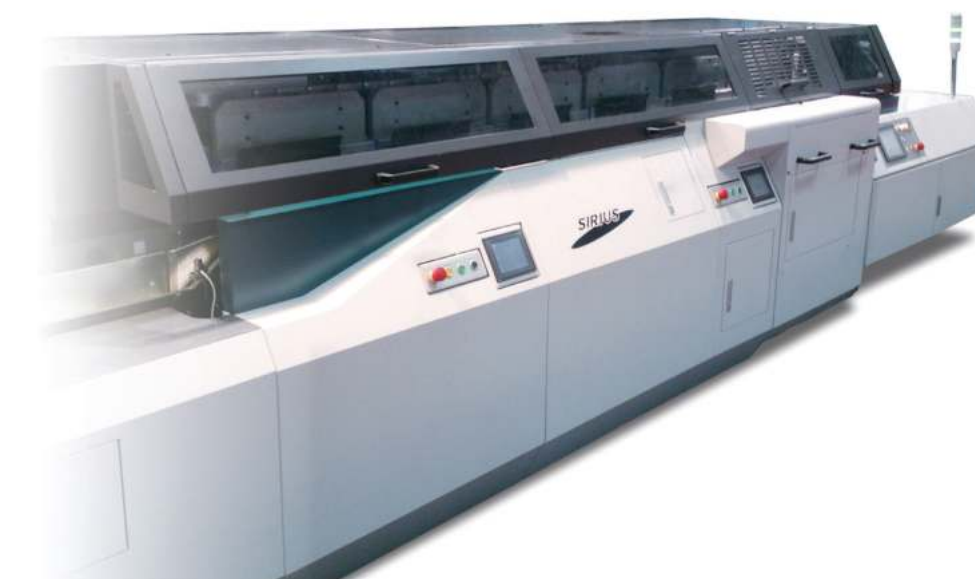
Established 1916, Osako is one of the world's most professional manufacturers of saddle stitching machinery, 3 knife trimmers, compensating stackers, section gatherers new and factory certified refurbished options.

As the local agent for Osako, Graph-Pak sells the company's Tener and Tener Alpha and model 368 high-end saddle stitching machines new, or cost-effective certified factory refurbished options as well.



About Yoshino, made in Japan

Yoshino is the largest perfect binding manufacturer in Asia, Graph-Pak is proud to bring you their Yoshino's Sirius PUR Perfect Binder to the Australian market for the first time together with their, 3 way trimmers and gathering machines.



Graph-Pak provides an array of consumable items to cater to various needs.

These include paper and plastic banding tapes, as well as insertion tapes for tabbing purposes. We offer both hot and cold glues. In addition to these, its range encompasses rubber rollers for laminators, UV coaters, and other finishing equipment.

We also supply products like rubber rejuvenators and cleaners that enhance the durability of rubber components, leading to cleaner production processes and reduced downtimes caused by scuffing, wear, and tear. Our product

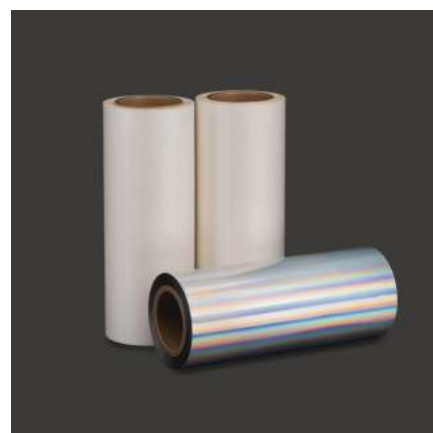
line-up extends to double-sided tapes available in economical 350-meter large reels. Additionally, we offer silicone tapes and tear tapes, essential components particularly valuable for E-commerce operations.

Alongside these products, we maintain a stock of spare parts and consumables essential for various finishing machinery, encompassing items such as belts, knives, perforator wheels, brushes, springs, bolts, valves, handles, gears, cogs, and critical components for renowned

brands featured in its portfolio. Operating as a separate business entity, Graph-Pak Laminating Films specialises in providing thermal Biaxially Oriented Polypropylene (BOPP) laminating films, commonly referred to as CELLO, available in a range of finishes including gloss, matt, soft touch, anti-scuff and biodegradable. These films are offered in various roll widths and lengths. Additionally, our offerings extend to the packaging sector with a comprehensive selection of Thermal PET films available in gloss, matte, and metallic silver and gold finishes.



Graph-Pak offers silicone tapes and tear tapes – essential components for E-commerce operations



Laminating Films Stock List

Item Number	Description
Gloss-320-2000	25 Mic 320 x 2000 Gloss 640sqm per roll
Gloss-320-3000	25 Mic 320 x 3000 Gloss 960sqm per roll
Gloss-445-2000	25 Mic 445 x 2000 Gloss 890sqm per roll
Gloss-445-3000	26 Mic 445 x 3000 Gloss 1335sqm per roll
Gloss-450-2000	25 Mic 450 x 2000 Gloss 900sqm per roll
Gloss-450-3000	25 Mic 450 x 3000 Gloss 1350sqm per roll
Gloss-500-2000	25 Mic 500 x 2000 Gloss 1000sqm per roll
Gloss-645-2000	25 Mic 645 x 2000 Gloss 1290sqm per roll
Gloss-645-3000	25 Mic 645 x 3000 Gloss 1935sqm per roll
Gloss-710-2000	25 Mic 710 x 2000 Gloss 1420sqm per roll
Gloss-900-2000	25 Mic 900 x 2000 Gloss 1800sqm per roll
Matte-320-2000	27 Mic 320 x 2000 Matte 640sqm per roll
Matte-320-3000	27 Mic 320 x 3000 Matte 960sqm per roll
Matte-445-2000	27 Mic 445 x 2000 Matte 890sqm per roll
Matte-445-3000	27 Mic 445 x 3000 Matte 1335sqm per roll
Matte-450-2000	27 Mic 450 x 2000 Matte 900sqm per roll
Matte-450-3000	27 Mic 450 x 3000 Matte 1350sqm per roll
Matte-500-2000	27 Mic 500 x 2000 Matte 1000sqm per roll
Matte-645-2000	27 Mic 645 x 2000 Matte 1290sqm per roll
Matte-645-3000	27 Mic 645 x 3000 Matte 1935sqm per roll
Matte-710-2000	27 Mic 645 x 3000 Matte 1935sqm per roll
Matte-710-3000	28 Mic 710 x 3000 Matte 2130sqm per roll
Matte-900-2000	27 Mic 900 x 2000 Matte 1800sqm per roll
SFree-320-2000	30 Mic 320 x 2000 Scuff Free 640sqm per roll
SFree-445-2000	30 Mic 445 x 2000 Scuff Free 890sqm per roll
SFree-450-2000	30 Mic 450 x 2000 Scuff Free 900sqm per roll
SFree-640-2000	30 Mic 640 x 2000 Scuff Free 1280sqm per roll
SFree-710-2000	30 Mic 710 x 2000 Scuff Free 1420sqm per roll
STouch-320-2000	32 Mic 320 x 2000 Soft Touch 640sqm per roll
STouch-445-2000	32 Mic 445 x 2000 Soft Touch 890sqm per roll
STouch-450-2000	32 Mic 450 x 2000 Soft Touch 900sqm per roll
STouch-640-2000	32 Mic 640 x 2000 Soft Touch 1280sqm per roll
STouch-710-2000	32 Mic 710 x 2000 Soft Touch 1420sqm per roll
PET-Gloss-445-2000	22 Mic 445 x 2000 Gloss PET (Stampable and Gluable) 890sqm per roll
PET-Gloss-645-2000	22 Mic 645 x 2000 Gloss PET (Stampable and Gluable) 1290sqm per roll
BIO-Gloss-450-2000	25 Mic 450 x 2000 Gloss Biodegradable 900sqm per roll
BIO-Matte-450-2000	27 Mic 450 x 2000 Matte Biodegradable 900sqm per roll

Graph-Pak relocates to larger premises in Erskine Park

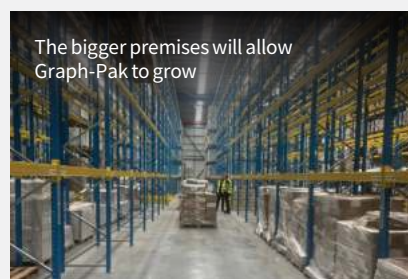
Graph-Pak has relocated to larger premises, offering 2,000sqm of pallet racking space, in Erskine Park, which managing director Tom Ralph says will enable the company to grow.

“It’s a brand-new facility in a growing, moving part of New South Wales – Erskine Park is a booming suburb with well-developed services for couriers and Interstate transport which suits us to the ground,” he said.

“We moved last week and were settled in by Tuesday, and as you can see from the images, everyone is all smiles. We had outgrown our last place and this one gives us room to breathe,” Ralph said, confirming that the 2000sqm of rack space gives the company “endless amounts of practically”.

The new facility is only 15 minutes away from Graph-Pak’s previous premises, which will be convenient for its customers.

“We have the ability to do whatever we want with it and have some plans to team up with other consumable businesses, especially in the area of glues and tapes. We are also looking to expand our laminating film business, which grows up to seven per cent every year,” Ralph added.



The bigger premises will allow Graph-Pak to grow



Happy with the new location: Graph-Pak director Wayne Noyes with managing director Tom Ralph

Graph-Pak completes three APR Solutions machinery installs in Melbourne

June was a productive month for Graph-Pak as it has completed three APR Solutions machinery installations across individual sites in Melbourne which included the Envelope Maker Machine Compact, Maxi Box Plus 1 and Maxi Box Plus 2.



The Envelope Maker Machine Compact is a folder-gluer machine with a fully automated high pile feeder designed to produce envelopes and bags with a grammage up to 300g/m². It comes with a folder flap group ready to add hot melt gluing system and double-sided tape. It also includes a folding buckle plate with one pocket, manual collector, and hot glue system with application guns.



The Maxi Box Plus 1 is an automatic folder-gluer machine, designed and manufactured with a fully automatic continuous feeder (Feeder Plus), autonomous and movable tape group, folding system, paper transport system

with adjustable pressure, automatic scale collector and hot melt glue system controlled by a 7” touch screen.

Options available to purchase for the Maxi Box Plus 1 include the mobile tipper plate pocket, RAP Applicator for double sided tape, and RAP strip for Tear Tape Applicator.



The Maxi Box Plus 2 folder-gluer machine, suitable for e-commerce applications on envelopes and boxes of different formats, is available in 160 and 220 versions. It can automatically apply PSA glue with the silicon top over it and the tear-tape. Designed to hold up to six applicators, it has an automatic continuous feeder, and it works on die-cut and creased supports starting from 200gsm, as well as sheets.

The Maxi Box Plus 2 is equipped with an automatic delivery unit stacker, while the standard version is equipped with n. 2 RAP SIL, silicon liner applicators and n. 1 RAP STRIP, tear tape applicator.

“We continue to grow across the packaging sector, meeting new and innovative clients every day,” Graph-Pak managing director Tom Ralph said, inviting those interested to get in touch with him if they require further information about the technology or to bounce off any ideas.

Graph-Pak to showcase wide range of solutions at Printing United Expo



Scheduled to run from 18-20 October, this event will provide a platform for industry expert Ralph to engage with customers, discuss innovative printing solutions and foster valuable partnerships.

Ralph invites all customers attending Printing United Expo 2023 to visit him at these blue-chip supplier stands: Rollem – Insignia (B2107), Autobond (B1205) and ThermoType (B17063).

At these stands, attendees will have the chance to see the latest innovations in

printing technology, highlighted by Graph-Pak, a company renowned for its dedication to excellence and commitment to providing tailor-made solutions to its clients’ printing needs.

Ralph, with his wealth of experience and profound understanding of the printing industry, will be available to discuss specific requirements, share valuable insights and collaborate on projects that seek to revolutionise the printing landscape.

Ralph is eager to meet and discuss how Graph-Pak can assist attendees to enhance production efficiency, improve print quality, or explore innovative printing solutions to suit their unique business needs.

Wholesale Magnets buys D&K Neptune from Graph-Pak



Wholesale Magnets and Print has just installed a D&K Neptune 3754 fully automated laminator, which it purchased from Graph-Pak. First-time Graph-Pak customer and Wholesale Magnets co-founder Geoff Bromley said before purchasing the D&K Neptune, the company had in place smaller, more labour intensive, manual-type laminating machines.

However, since migrating workloads over to the D&K Neptune, Wholesale Magnets has been able to do in a day what usually takes it a week to complete, providing the business with massive labour savings and speed to market.

“We’ve progressed from having 20-year-old machines that needed staff to manually feed in sheets. But now with the D&K Neptune, everything is automated, so we see a big reduction in labour costs. The D&K Neptune ticked all our boxes in terms of requirements,” he said.

“Tom from Graph-Pak invested a lot of time in guiding us from the start of the process itself as we’re reasonably new to the printing industry. That was one of the main reasons why we decided to purchase from Graph-Pak – the service was outstanding.”

Able to process paper sizes up to 370cm wide and 540cm long, this compact laminating machine is built to industrial specifications and is very popular with SRA3 printers. With full automation and a compact footprint, some of

its features include a heated chrome top roller, adjustable de-curl bar and a pneumatically controlled rubber nip roller. It can cut and laminate at speeds of up to 15m/min and is equally adept at running litho or digital output.

Graph-Pak managing director Tom Ralph said the kit is ideal for businesses that don’t have much real estate for machinery.

“It can easily be shoehorned into a corner. It also works for businesses that decide on adding a laminator later, or maybe had desktop-type laminating machines and have decided to go after gear now and they don’t have much room. It also doesn’t require much maintenance or service and will last you 10 to 15 years. All the good things that you would get in a much more expensive machine is packaged into this Neptune model,” he said.

The machine that Wholesale Magnets procured laminates a single side, but other models can laminate two sides in one pass.

“Wholesale Magnets chose the single-sided laminating option as that is their bread and butter, but other models can do two sides in one pass. There are five different models that the D&K Neptune comes in, with various configurations,” Ralph said.

“The changes all the way through is in the length of the sheet that it can process – it can process up to a 950cm long sheet, and there are other models that can do two sides in one pass. There is also an optional foiling system which can be put on top, so they could do digital foiling in-line as well.”

Ralph said having Wholesale Magnets as a new customer beefs up the company’s portfolio and is a testament to its reputation in the industry.

Graph-Pak installs Autobond equipment for Carbon8

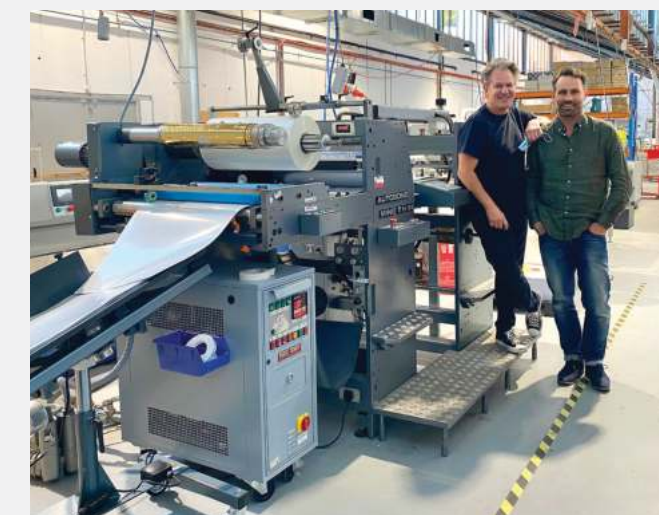
Carbon8 has purchased its first machinery from Graph-Pak – a refurbished Autobond Mini 53 TH with digital foiling – as the company expands its capacity.

Carbon8 co-director Kenneth Beck-Pedersen said for many years, the business has been surviving on an aging laminator and with growth, needed more suitable equipment.

“Our previous machine was, in fact, our first purchase over 14 years ago and was single-handedly supporting all our celloglazing and digital foiling requirements,” he said.

“But Carbon8’s business has shifted and grown in those 14 years, so we were well overdue for an upgrade in this department. Our need for greater speed, versatility and reliability is driven by our growth into the B2 digital space with the HP Indigo 12000 and the Autobond Mini 53 TH with digital foiling will take us through the next 14 years.”

Graph-Pak managing director Tom Ralph said Carbon8 has a reputation in the industry for using high-end equipment, and the Autobond Mini 53 TH suits its needs. The company also wanted a laminator that was fitted with digital foiling, which Autobond and Graph-Pak delivered on.



“Carbon8 was doing a number of processes slowly before it got the Autobond Mini 53 TH, and one of those processes was foiling. We showed Carbon8 samples of what the Autobond with digital foiling can do, following which it wanted the laminator with further enhancement of a digital foiling system, which is bread and butter for Autobond. The difference it has made to Carbon8’s plant and bottom-line is amazing. And to get Carbon8 to join the Graph-Pak club was sensational,” he said.

The Autobond Mini 53 TH is an A2 machine which laminates sheets 530mm wide by 750mm long. It comes with thermal laminating, a Heidelberg Speedmaster feeder, strip-cello and rewind ability, as well as digital foiling inline.

Beck-Pedersen said the machine will allow Carbon8 to be more productive in all its celloglazing needs moving forward, and provide better outputs per hour with significantly lower labour costs.

“We’re conscious of our environmental impact as well and having less paper, cello and foil wastage as a result of its improved machining and build supports our company ethos.”

Neo buys D&K Europa PB laminator from Graph-Pak



Neo (formerly New Litho) has purchased a D&K Europa PB with perfector laminator from Graph-Pak for its Sydney facility.

Neo NSW general manager Clinton Daley said it procured the machine as it needed a reliable second laminator for its Sydney facility named Sprint, which is a joint venture between Neo and RealBase. As a return customer of Graph-Pak's, the company talked through its requirements with Graph-Pak managing director Tom Ralph, who suggested the D&K Europa PB, with an optional perfector as an add-on.

"The decision to purchase this machine was an incredibly easy one," Daley said.

"Much like all of our machine suppliers, Graph-Pak has been a trusted supplier of Neo's for years. All our laminators – in both our Melbourne and Sydney facilities – have been supplied by Graph-Pak. Ease of use, instead of speed, was at the top of the list as this machine would be a backup laminator to our existing Autobond. We also wanted a machine that would be simple and easy to maintain for our operators."

The D&K Europa PB replaces an old Komfi that was reaching the end of its life and since parts were becoming more difficult to obtain, Daley said the business decided to replace the machine.

"Not having that second laminator created a bottleneck in the production process throughout our

busier periods. Also, with velvet soft-touch becoming more prevalent in the marketplace in addition to the standard matte or gloss laminate, we were continuously changing laminate rolls. The Europa has given us the ability to change between different laminate finishes seamlessly," he said.

Capable of running at speeds of up to 20m/minute for one- and two-sided laminating, the Europa PB is a fully automated, up to B2 sheet size laminator for digital or litho print. Optionally a sheet length up to 1,050mm can be accommodated. It features unique double-sided configuration comprising two separately controlled laminating stations, each with a heated chrome roller and rubber nip roller to give an identical finish to each side of the sheet.

It is also available with longer feed tables – in 88cm, 95cm and 105cm – and other versions of the Europa include standard single-sided and EL-single-sided with embossing station.

"The Europa purchase ensures that moving forward, we can continue to be best in class and be flexible enough to meet the demands of the current market," Daley said, Ralph said Neo was after a machine that would produce high quality real estate work.

"In real estate, you want the best laminating results – real estate, particularly, uses super glossy, bright effects. So, Neo wanted a machine that would produce that quality on both sides of the sheet identically," he mentioned.

"It's a compliment to say that I have installed the last four machines in the Neo Group – it is quite an accolade. The Neo team enjoy working with us, which makes it a just a pleasure for everybody," he said.

LEP purchases an Autobond Mini 76 TPH from Graph-Pak

LEP Colour Printers has purchased an Autobond Mini 76 TPH laminator from Graph-Pak, further cementing their 15-year business relationship.

Graph-Pak managing director Tom Ralph said LEP Colour Printers bought this laminator as it had previously installed the machine in its QLD premises and wanted the same machine in its expanding Melbourne facility.

"LEP has the Autobond Mini 76 TPH at its plant located north of Brisbane and the machine has run effortlessly and with very minimal maintenance all the way through – it was always an Autobond fan," he said.

"With LEP expanding into Melbourne, it started operations with some entry-level laminating machines which couldn't deal with the workloads. So, the company ordered another Mini 76 TPH from us. To continue to work with LEP, at this level of professionalism, is just an accolade to the work we're doing – it shows that we're doing the right thing and supplying equipment that people love."

The equipment, which was installed at LEP's premises at the end of August, is a fully automated machine.

"TPH means that the machine

comes with thermal laminating, perfecting and a Heidelberg Speedmaster feeder. It has a perfector built online, so you can do two sides in one pass. Traditional laminating machines are single-sided and companies just entering the market may start with these machines, but with growth they soon realise that they're double handling work. This machine is at the premium end; it is an A1 machine that runs at 60 m/min and has a fast make-ready system as well as a short footprint," Ralph said.

LEP Colour Printers CEO John Bromfield said, "Before we installed the machine, our single-sided cello machines were slowing down production times, due to increased make ready times and material handling.

"The Autobond Mini 76 TPH is tried and trusted technology, with LEP already having a similar machine at our QLD production facility. Its perfecting capability, i.e., laminating both sides in the one pass, was the stand-out feature that attracted us to it. The Autobond 76 TPH will support our plans for growth by providing additional capacity and shorten lead times due to increased production efficiencies that come with running a perfecting machine."



CBS Printing purchases DGM folder gluer from Graph-Pak



CBS Printing has purchased a DGM SMARTFOLD Classic 800-SL folder gluer from Graph-Pak as it beefs up its packaging segment. The DGM SMARTFOLD Classic 800-SL is the first folder gluer that CBS Printing has purchased from Graph-Pak – it has previously bought a Celloglazer and consumables from the latter.

CBS Printing managing partner Stephen Wilson said the DGM machine has improved its business processes since it got the kit.

"We needed a machine that could service our fast-growing packaging segment," he said.

"Before we got the DGM, we were sending all this work to Sydney trade houses, which meant that we were at the mercy of their lead times. Now that we have the machine in-house, we can operate more efficiently and effectively. We have also removed numerous freight costs.

"This purchase will form part of a war chest to help CBS become the go-to supplier for food packaging, as part of CBS growth plan."

Wilson added that the machine offered all the features of European brands at a much more competitive price, which was what attracted him to it.

The DGM SMARTFOLD Classic 800-SL is a high-speed automatic folder gluer that is suitable for straight-line, crash-lock bottom, double wall, as well as four- and six-corner boxes. It also has the

options to do pocket folds. It caters to the most demanding packaging companies, commercial printers and finishers. It is optimised to run small and medium sized boxes, like the ones used in pharmaceutical or cosmetic industries. The automated and high-speed machine is also flexible and easy to operate.

The standard version includes the accessories for straight line and crash lock bottom boxes.

CBS Printing bought the folder gluer with an optional automatic packing machine attached to the back of it – this means that when the boxes are made, they come off a conveyor and are counted into a nominated number. That can then be handed on for finishing or packing into cartons.

Graph-Pak managing director Tom Ralph said, "CBS has entered the packaging market with a mid-level machine that has got all the latest features on it. The work done on the folder gluer can match just about anything that any of the designers work in.

"It's extremely versatile, it's easy to use, and it needs minimal labour, maintenance, and housekeeping. The system itself that does the glueing has the option for a spray system or a PVA wheel system. And anyone in the industry will know that having these two type options of glueing on your machine opens the door to an endless horizon of opportunities. This machine gives CBS the capability to enter the packaging space and be really good at it.

"As the business grows, tonnes of extra capacity are available. And if production levels move to high or long runs, the machine can get up to 300 metres per minute. CBS has a lot of potential to grow and I'm glad that Graph-Pak can continually support them."

IPC buys new Busch Pile Turner from Graph-Pak

Industrial Printing Co (IPC) has purchased and installed a new SE125 RLA model Busch Pile Turner from Graph-Pak as it looks to make its business processes faster and more efficient.

IPC general manager Steve Scott said it has purchased a counting machine, banding machines and celloglazing films from Graph-Pak before but the Busch Pile Turner has been its largest purchase from the company to date.

"We purchased this machine as it is a German-built machine, which should mean years of reliable service. It was also good value for money compared to the other brands we looked at. In addition, Graph-Pak was very helpful in our decision making," Scott said.

Before IPC got the Busch Pile Turner, it had a manual turner for A2 size sheets but this had no jogging or air blowing capability.

"Until we had the Busch, we had to manually turnover A1 size sheets for our Ryobi 924 LED press," Scott mentioned.

"We are now able to convert two piles of A2 sheets on a pallet into smaller one-up pallets to save hand loading. All turning of palletised paper is much quicker, and the

paper is better prepared to put back through the press. A big bonus is the manual handling and safety for our workers – there is now way less risk of injury. Anything that is going through our presses twice is also faster."

Scott also mentioned that the well-built, simple operation, machine stood out for its small footprint and for its ability to hold a smaller pallet height in comparison to other pile turners.

Graph-Pak managing director Tom Ralph said, "With the Busch, just a push of a button from the operator turns the skid on its side and blasts a line of blowing air all the way through the stack, which cools it and removes all the spray powder from the job.

"It also has automated joggers which are power controllable. So, when it comes out, it is basically a perfectly stacked block of paper that goes back into the press for further processing. It removes all of the manual labour out of it.

"IPC absolutely loves this machine. They are so excited about the benefits that come with the machine, including reducing some of their labour, improving their bottom line without getting rid of anybody, and becoming more efficient."



Graph-Pak installs hybrid Rollem Insignia at CMYKhub to deliver on fast turnarounds that customers are demanding



CMYKhub is now the new owner of a hybrid Rollem Insignia, having bought the machine from Graph-Pak. The company's CEO Dayne Nankervis said it purchased the Rollem Insignia IS7 H as the company was looking to improve its service to customers with better quality and faster turnarounds, decrease the technical skill required for production, and provide a base to allow an increase in its product offerings.

"We're constantly challenged by matching capacity to order volumes. We're running up to 7 cylinders to keep up. Our customers require fast turnaround, and the old cylinders weren't providing the scalability we needed to meet this requirement," Nankervis said.

"The Rollem rotary die cutter will allow CMYKhub to move highly skilled operators to more critical areas in the business, and at the same time improve our turnaround times for customers. Moving forward, we'll start adding and expanding our die cut offering to our customers. If they want a particular product, we'll certainly be looking to add it to our offering with this machine. There won't be much hesitation with a machine with this quality."

CMYKhub has been purchasing machines from Graph-Pak since its early days.

It has several Graph-Pak installations around the country – from large laminators, small laminators, Digital Ink Jet spot UV machines – and the most recent installation is this rotary die cutter.

Nankervis said CMYKhub was attracted to the simplicity of operation and the

flexibility of the Rollem Insignia IS7 H as the model allows the company to maintain a competitive price point when it only needs one flexible die.

"We've been looking at the Rollem for many years and knew of its strengths, but the hybrid model was the clincher for us. It provides the right amount of flexibility," he mentioned.

Graph-Pak managing director Tom Ralph said as CMYKhub has a reputation of leading the way with technology and innovation, it chose the latest model Insignia Seven Hybrid machine which houses two cutting drums.

The H model dual magnetic Insignia systems offer the ability to utilise a single cutting tool, or a paired set of dies when looking to produce packaging products or other scored work.

When running a single cutting die, a "blank" lower jacket is wrapped around the lower cylinder and acts as the cutting surface for the upper die. This setup allows for cost savings on tooling when producing straight die cut product and/or diecut/kisscut decal work.

If producing boxes or the like, a paired set of dies allow for zero make ready from machine operators as well as enables embossing and/or debossing of substrates in a single pass.

"This twin drum can also just be used as a single counting drum – you have the capabilities to turn it off and on based on demand. The machine is also capable

of die cutting, kiss cutting, embossing, perforating and scoring on a huge range of stocks – to 30 PT/650 GSM," Ralph said.

"The machine also has an inline stripping system on it, which means you're getting a finished product out the end. This machine takes only minutes to set up compared to large flatbed cutters, which can take a couple of hours. The tooling for this type of machine is a flexible plate that is held on through high power magnetic drums, and it means that make-ready for the operator is in minutes and maintenance is minimal."

Insignia machines weigh between two and five tonnes depending on size of machine (die cutting section only). These machines are built strong with thick solid side-frames measuring between 38 to 64mm to house the cylinder section and support the cutting station.

"With die cutting materials of density, tremendous forces are required to withstand the pressures needed to die cut all the way through the substrate. Therefore, the Insignia machines can apply up to 1500kg of downward force directly to the cutting station to ensure the flexible dies can cut through whatever it is being asked to do," Ralph said.

The Insignia machines are offered in two delivery configurations – with a StackMaster Receding Stacking Unit, which is designed to accept either full sheets of kiss cut labels or die cut product, or with a Shingle Conveyor Table that delivers cut pieces out for continuous offloading. The StackMaster delivery system is designed for high volume runs, requiring less offloading labour from an operator. This delivery system becomes very important when running die cut product in many lanes as the offloading labour becomes intensive.

"CMYKhub has identified that the role of investment will give them a roughly 400 per cent uptake on previous die cutting technology," Ralph said, adding that CMYKhub is considering buying another unit to meet the demands of its workload.

"The company sees a huge future with Graph-Pak and the Rollem Insignia machines. And having used this they said they could do with another one at their premises. We've sold a number of these Rollem Insignia machines and every time we sell one, we're very excited, especially given a tough period with the pandemic. A company like CMYKhub needs the best technology and it shows everything else in its plan is first class," he said.

Kale Print boosts finishing with second D&K Neptune laminator

Busy digital department at the Bay of Plenty's biggest printer welcomes robust and reliable laminator



Kale Print laminator operator Shane Fisher with the D&K Neptune B3 laminator

Recently, Kale Print installed a D&K Neptune B3 fully automated laminator, supplied through Graph-Pak.

Brent Kale, production manager at Kale Print, says, "We already have a D&K Neptune laminator, the larger one, which we bought a few years ago through Graph-Pak. What we needed was a laminator that could handle our digital work, which is increasing. We have always completed a lot of digital work; it is one of our busy departments.

"We looked around at quite a few machines. We chose the D&K Neptune for several reasons. First, it offers ease of operation and it is user friendly. Second, it is a robust, solid machine that can take a lot of work. It runs every day. Also, it runs a wide range of stock weights and types and is an all round reliable machine."

The D&K Neptune B3 laminator fills a need in the sector where automation continues as a matter of necessity.

Tom Ralph, managing director at Graph-Pak, says, "The digital market continues to grow and it was inevitable that D&K Neptune would launch a B3 model. Significantly, it is a fully automated SRA3/B3 model, which matters because finishing shops can't achieve these kinds of results with hand feeding. With a compact footprint of less than 2m x 1m, the D&K Neptune B3 laminator takes up not much more space than hand-fed models, and it weighs in at around 350kg.

It has a deep pile feeder and will run stock weights of 115gsm to 350gsm at speeds of up to 15 metres per minute meaning that it will laminate 2,000 SRA3 sheets per hour. It also has an easy to operate touch screen control panel."

Kale continues, "The D&K Neptune is a solid and reliable machine. We like that it is easy to use and it can also do a longer sheet. It also gives us a sleeking foil adaption. It is a big benefit to complete this work in house. With the shorter runs and quick turnarounds that the market demands, you don't want to be outsourcing this kind of work.

"Since we bought the first laminator, we have enjoyed an excellent relationship with Graph-Pak and, despite having the challenge of the COVID-19 pandemic, we were able to install the new machine with no hassles. Tom Ralph is a great guy, really easy going and Graph-Pak is a good operator, quite efficient."

A raft of features

With digital run lengths ranging from one to thousands, fully automated finishing has become more widespread. Manual feeding simply can't keep pace with the demand from digital presses.

Ralph says, "D&K Neptune has answered the market's need for an affordable compact and fully automated laminator. With this solution, print companies can stay ahead of the trend for higher volume digital production."

Some of the D&K Neptune B3 laminator's features are:

- Compact footprint of 2m x 1m
- Deep pile feeder runs stock weights of 115 gsm to 350 gsm at speeds of up to 15 metres a minute
- Maximum laminating width of 370mm
- Adept at running litho or digital output
- Heated chrome top roller
- Pneumatically controlled rubber nip roller and decurl bar that you can adjust on the run
- Burst type sheet separator
- Extended feed table options – 66cm, 74cm, and 88cm
- Optional rewind unit for foiling

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