

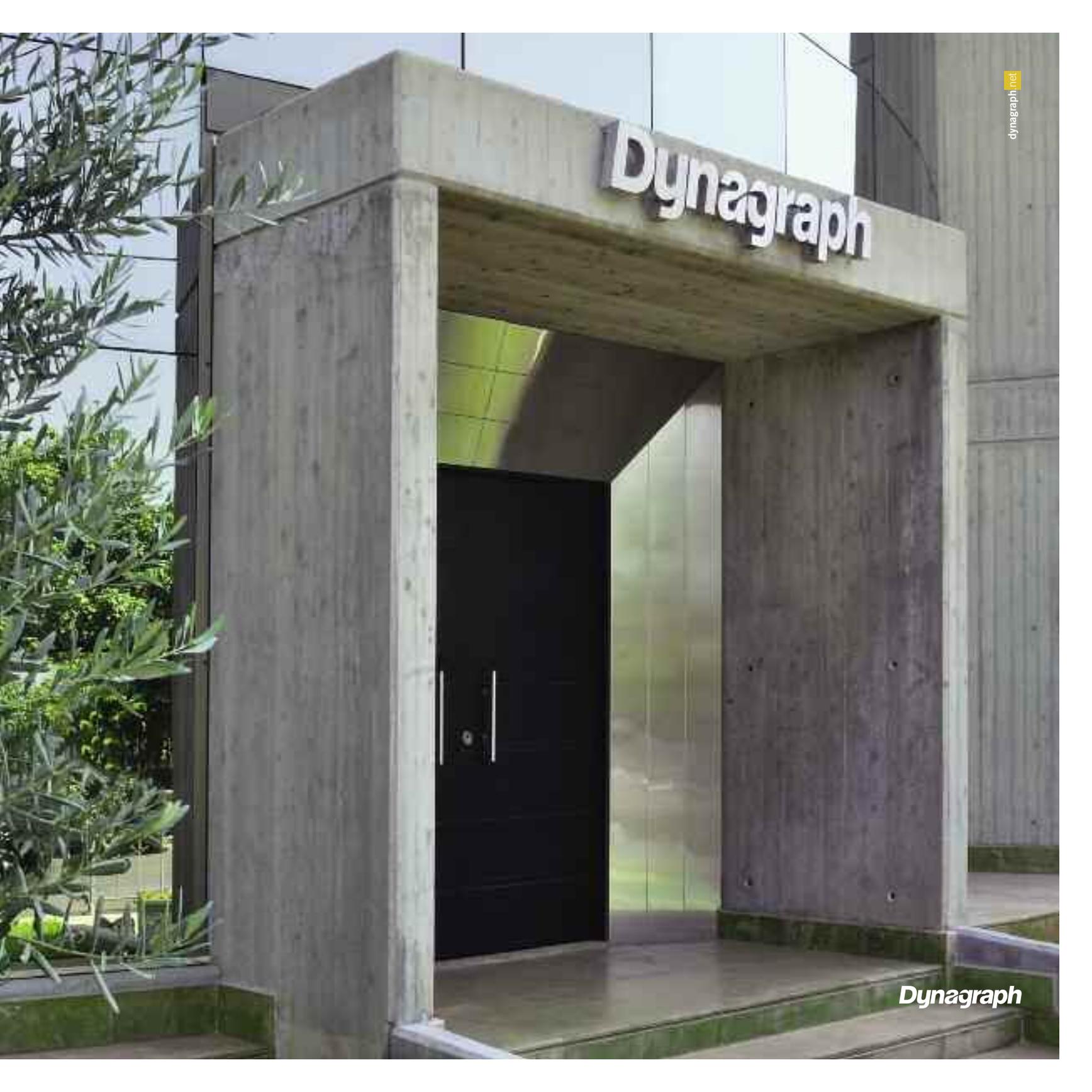
Dynagraph



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Dynagraph



exhibit of a MAN Letterpress AUTO-TERNO made in 1936

About

With over 65 years of experience in printing, Dynagraph is the leading player in the Middle Eastern graphics industry. Known for the enduring relationships we build, our success is based on in-depth, market-specific knowledge of our clients' products, targets and needs.

A pioneer and early-adopter, backed by solid business sense and a well-defined support structure, we draw upon our understanding of local and international trends and developments to offer a comprehensive range of tailor-made solutions, services and products.

From preprint, print and post-print, to corrugating, converting and packaging solutions, Dynagraph is the professional choice.



Ihsan El Kara, Chairman
& Antoine El Kara Chief Executive
Officer of the Dynagraph Group
of companies

Philosophy

We believe our success is best measured by the success of our clients and so we think of our engagements as partnerships, rather than simple transactions.

Privileged to collaborate with the leading names in the graphics industry, we are proud to offer clients the best products and services. Our client-centred approach means that we closely monitor industry trends to anticipate change and adopt a pro-active approach that helps our clients retain the technological and competitive edge. We also help those we work with reduce running costs and increase productivity and efficiency.

Continually developing and improving, Dynagraph is committed to quality and client satisfaction, to maximizing efficiency across the board and to achieving steady growth across the MENA region and Central Africa.

Dynagraph

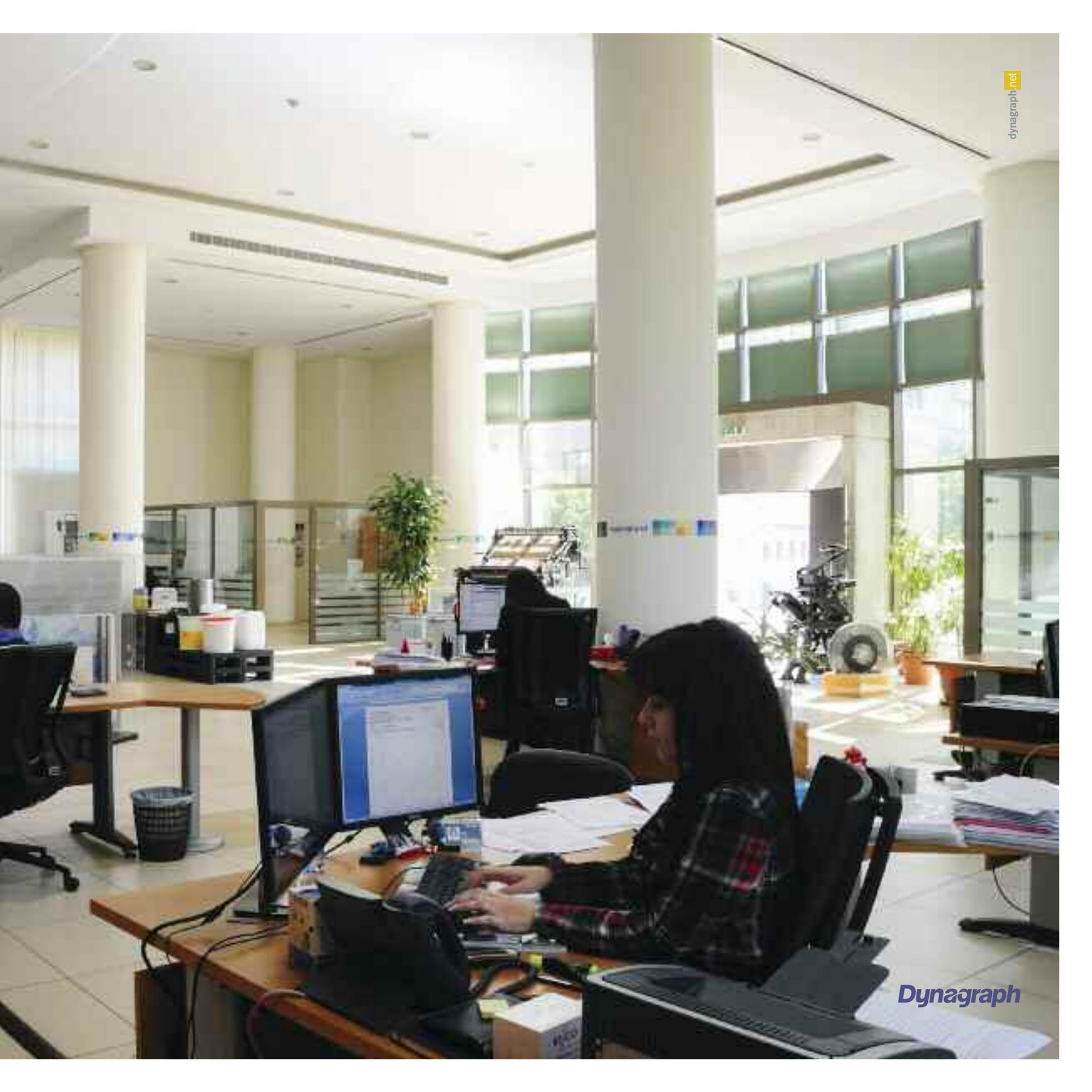
Team

Every company is the sum of its parts. At Dynagraph, our talented, skilled team, now over one hundred strong and growing, is the reason for our reputation for excellence. This dedication extends to our after-sales support. Our comprehensive team includes mechanical, electronic and software engineers as well as print instructors.

Dynagraph employees are specialists when they are hired and remain on top of this rapidly changing industry through constant training because their expertise enables us to satisfy clients, and that is key to our success.

Firmly rooted in knowledge gained through decades of experience, our company is structured flexibly. Departments may work on their own or in conjunction with other departments, subsidiaries or brand offices, depending on context and need, to make the fullest use of our competencies.





Dynagraph headquarter, Beirut, Lebanon



Network

Dynagraph is organized around two main hubs, one in Dubai, which serves as a back office for the Gulf region and the other in Beirut, which serves as a back office and support centre for the Levant. We also have registered companies in Qatar, Kuwait, Saudi Arabia, Syria and Jordan.

Our subsidiaries and branch offices are supplemented by a regional network of warehouses and a second network of service specialists, that include print instructors, mechanical and electronic service engineers.

Stocked with equipment, spare parts and consumables, our warehouse network is key to rapid response and speedy delivery. Based in major cities around our region of operation and able to operate further afield upon demand, our service engineers, each of whom bring between 10 to 35 years of experience to the table, as well as accreditation from the most prominent vendors in the graphics industry, enable us to swiftly deliver tailor-made, efficient solutions, wherever our clients are based.

Together, our networks give us the region-wide reach we need to better market products and build close ties with clients. They also give Dynagraph an edge, permitting us to tailor our service, after-sales support and maintenance to the specific needs and characteristics of each local market.

Dynagraph for Printing Industry SAL, Beirut | Dynagraph Lebanon Sal, Beirut |
Dynagraph Syria Ltd., Damascus | Dynagraph for Printing Industry, SAL, IMPZ, Dubai |
Dynagraph for Printing Industry LLC, Dubai | Dynagraph Saudia Ltd., Riyadh |
Dynagraph Saudia Ltd., Jeddah | Dynagraph Kuwait WLL, Kuwait | Dynagraph Qatar
Ltd., Doha | Dynagraph for Printing Industry SAL, Amman

Service

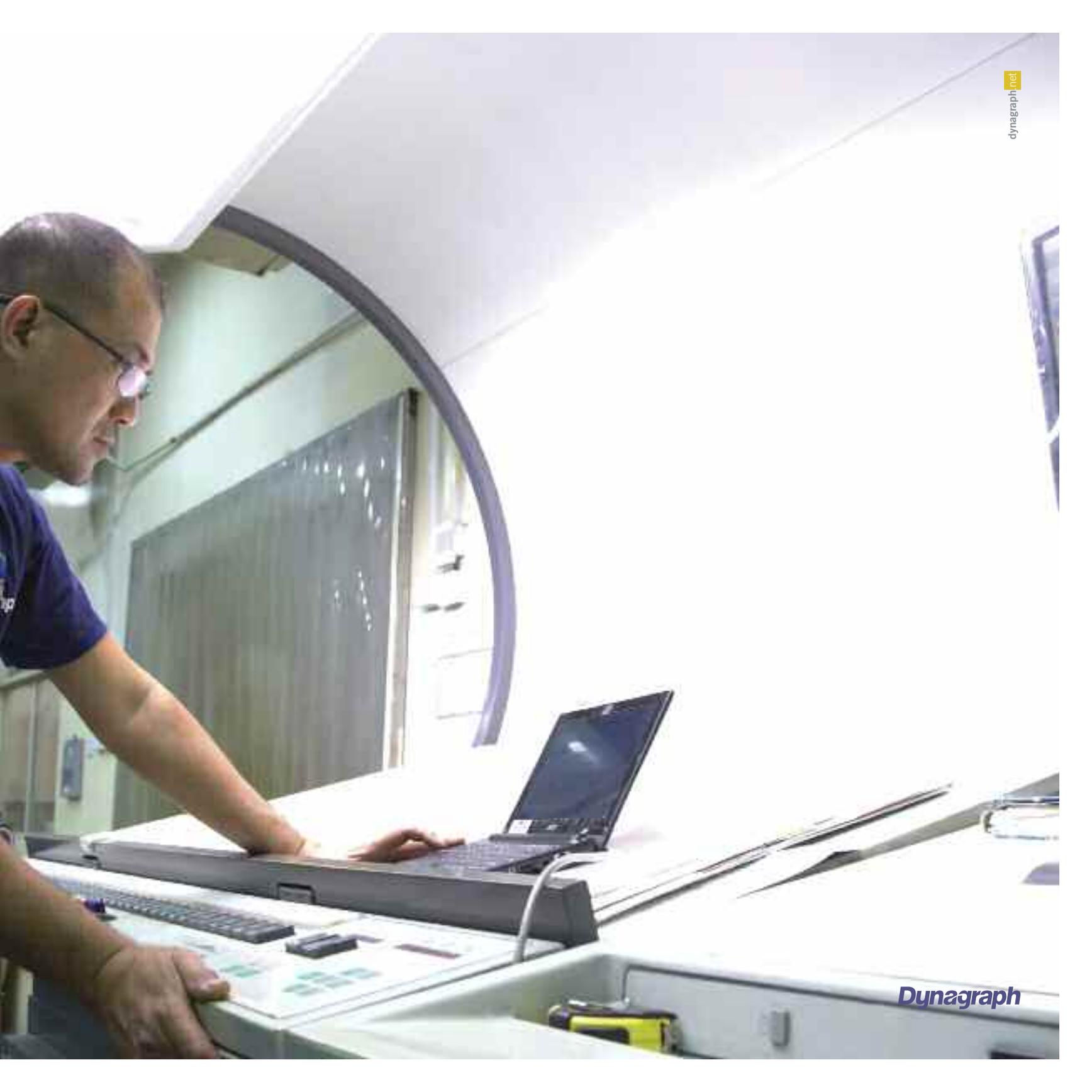
We are here to support clients at every stage in the production process from installation, maintenance and preventative maintenance needs in terms of prepress, press, after-press, converting, corrugating and packaging equipment to training, logistics support and project management. Dynagraph can also conduct repairs and oversee system overhaul and set-up.

Additionally, through our manroland web service hub in Dubai, Dynagraph is proud to offer assistance in the commissioning, preventive maintenance and after-sales support of all manroland semi-commercial, commercial and newspaper roll-fed printing presses in the Middle East.

SERVICE: Project Management | Installation | Overhauling | Logistic | Preventive Maintenance | Training

A photograph showing a person from the side, wearing a blue t-shirt and a blue tool vest. The t-shirt has the 'dynagraph' logo on the sleeve. The person is in a factory or industrial setting, with overhead lights and machinery visible in the background.

0.5





Products

As a service provider and distributor of graphics industry equipment and supplies, Dynagraph has built a solid reputation. With over six decades of experience in the field, we have developed a sharp eye for quality and reliability and offer a wide range of preprint, print, post-print, paper converting, corrugating and packaging equipment from foremost vendors in the industry.

Pre-print

At the forefront of innovation in pre-press, Dynagraph works with global providers of desktop publishing to high-end systems like Kodak for standard and custom-made hardware and software to supply clients with the best in design, text and image input, colour management workflow, retouching, assembly and pagination, output, colour proofing, imposition, pre-flight checking and PDF workflow.

Dynagraph actively helps clients streamline operations by empowering them with the latest in connectivity and integration software.

Print

To be an effective partner for clients, we form advantageous partnerships with the biggest and the best in Offset for newspaper, magazine, commercial, book and packaging printing.

Our partner in web and sheetfed press, manroland, has a vast array of highly developed presses, services and modular printing systems tailored to individual needs, that are ideal for commercial, magazine, book, newspaper, security, packaging and label printing.

For smaller circulations that require shorter lead times and personalisation, Dynagraph works with vendors like Canon, which offers solutions for different market segments with integrated pre-press stages and inline finishing.

For the large format printing industry, we have partnered with HP to provide distinctive solutions in vivid colour on flexible and rigid media for indoor and outdoor use, such as banners, posters, billboards and wraps.

Finally, for high-quality flexo printing on non-traditional substrate, which include plastic, foil, acetate film, brown paper and other materials used in packaging, like corrugated boxes as well as flexible packaging such as shopping bags, food and hygiene bags and sacks, milk and beverage cartons, flexible plastics, self-adhesive labels, disposable cups and containers, envelopes and wallpaper, Dynagraph works with Soma, a wide web press vendor and Mark Andy a leading narrow web manufacturer.

Dynagraph also markets a variety of Offset and flexo consumable products that include pressroom chemicals and coatings, offset conventional, UV and flexo solvent, UV and waterbased inks, flexo digital and conventional plates, Offset thermal, violet photopolymer and conventional plates, prepress chemicals, thermal and cold laminating films, adhesive, print rollers, blankets and lubricants...

Because we understand that the quality of a finished product depends on the items used in its creation, Dynagraph only works with the best in graphics industry consumables, such as Flint Group or DuPont.

We conduct test trials of all our consumables for quality and productivity, and study availability, productivity, purchase price and power consumption to ensure the best possible results and client satisfaction.

PRINT:

Manugraph India ltd | Canon | HP | Mark Andy Inc. | Adphos Eltosch | manroland sheetfed systems | manroland web systems | Soma Engineering | Air Motion Systems | Quadtech | HP | POLICROM SCREENS S.p.A. | Westland Gummiwerke GmbH & Co. KG | Flint Group | PRI | Ernst Marks GmbH & Co. KG. | BiesSse Tape S.p.A. | Chemie Technik GmbH | Day International | Duco | K+E | Varn | Intercoat | Optima | Optipack | August Overhof Drahtwerk | Teufelsberger | Hanns Eggen | Weilburger IBF

0.7



Dynagraph

OPTIPACK OPTIMA Dynagraph



Postprint

Both Offset and flexo printing solutions require a wide range of postprint, converting and packaging solutions. These include bookbinding, folding, cutting, lamination, die cutting, embossing, carton folding, cold foil, hot foil, box erecting and window patching. Our partnerships with some of the biggest names in the industry, companies such as Kolbus, Meccanotecnica, MBO, Hohner and Perfecta, give our clients access to the equipment and consumables they will need.

For the publications industry, we offer hard and soft cover binding, folding and laminating equipment, to top-notch book sewing machines and systems and offline and inline stitching lines. For the newspaper industry, we offer conveying, bundling, inserting, winding, stitching and/or trimming and modular concepts with a high level of integration by FERAG .

POSTPRINT:

KOLBUS GmbH & Co. KG | Meccanotecnica S.p.A. | PLANATOL System GmbH | Herzog and Heymann | MBO Binder GmbH & Co. KG | Theisen & Bonitz Graphische Maschinen Maschinenbau GmbH | Kalfass Verpackungsmaschinen GmbH | Ferag AG | Autobond Ltd. | Petratto S.r.l. | Perfecta | Gämmerler | Fotoba | Hohner | Chr. Renz GmbH | GrafMasz | Tosingraf S.r.l. | Vivid Laminating Technologies Ltd. | Kalfass Verpackungsmaschinen GmbH

Converting & Corrugating

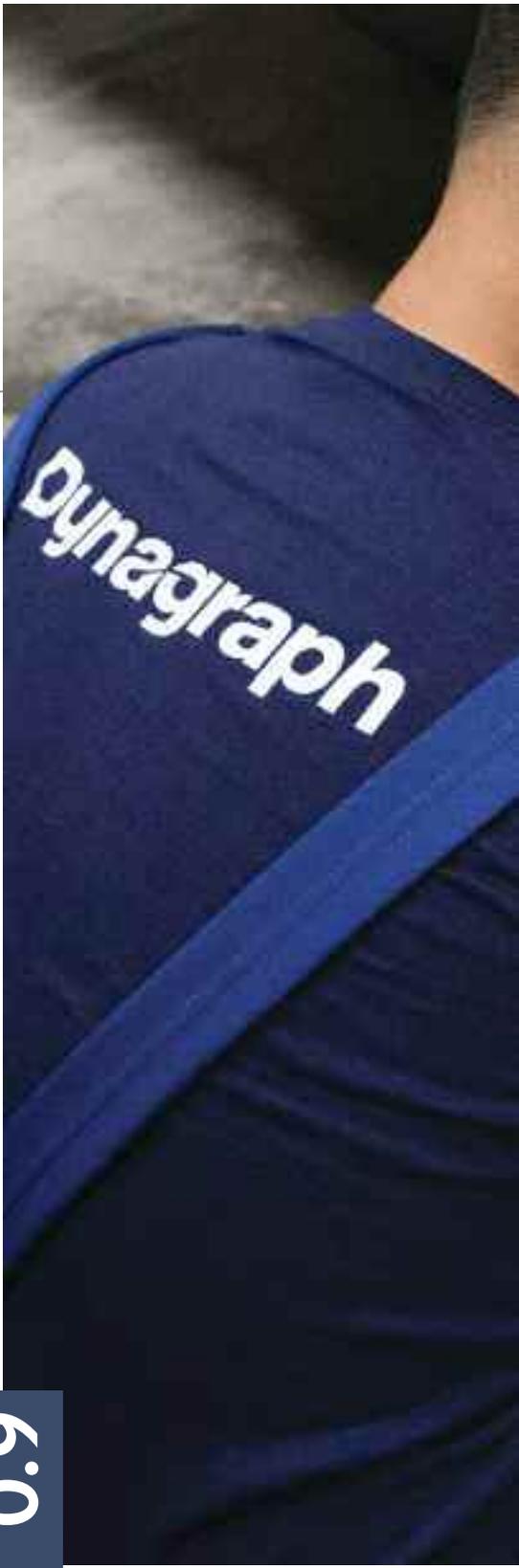
We offer exceptional solutions for converting and corrugating. Our solutions permit the production of assorted paper products including paper bags, boxes and containers.

Our partnerships with the leading global companies are formed with the best interests of clients in mind. As a result, we are able to bridge quality with cost-effectiveness.

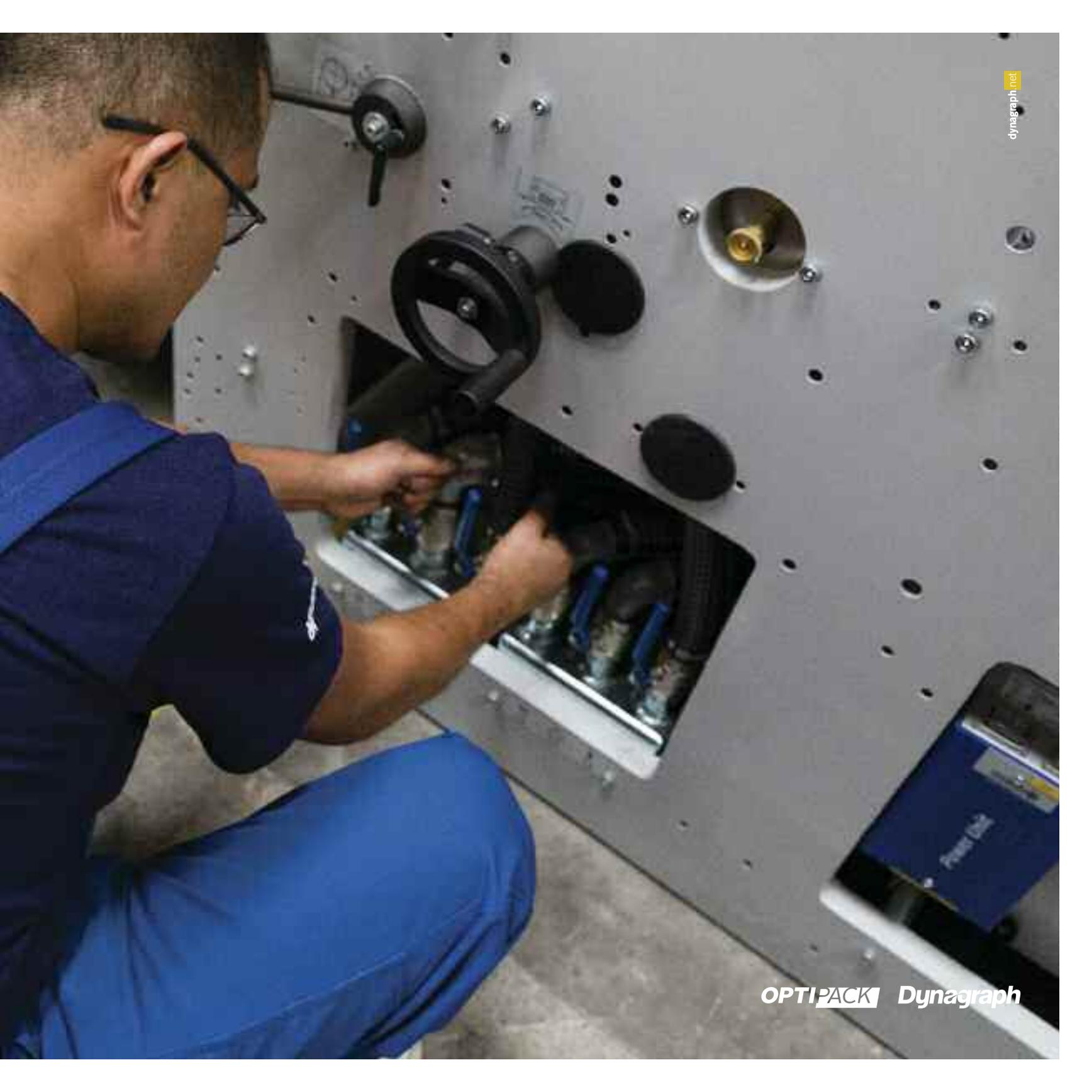
Whether your need is for envelope and handkerchief machines, transport and palletizing devices for paper, tissue and food branch, narrow web printing equipment, corrugated board converting machines or state-of-the-art corrugator lines for the board packaging industry, Dynagraph can help.

PACK:

Lamina System AB | Heiber + Schröder Maschinenbau GmbH | Winkler + Dünnebier AG | Mark Andy Inc. | SOMA Engineering



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Packaging

Dynagraph offers clients the edge by working with the leading specialist vendors in their fields. These include Heiber+Schroeder for window patching, carton erecting, tray forming machines, Lamina laminating equipment for the corrugated and folding carton industries, folding and gluing blanks made of solid, corrugated board and plastic materials from Vega and Iberica for die cutting, blanking, stripping and hot foil stamping.

PACKAGING: Lasercomb GmbH | Vega s.p.a | Yawa

Signage & Graphics

Dynagraph also specialises in the printing of flexible substrate and complementary products for the signage, digital printing and architectural sectors. We count HP as one of our strongest partners.

We offer a variety of large format, high image quality graphics printing solutions for a wide range of applications, with a quick turnaround.

Whether the need is for persuasive business graphics, a limited run of gallery-quality images, signage, display, or even wall decoration or vehicle graphics, our partners' solutions deliver quality, speed and ease that can help move your business forward.

As well as alternative finishing solutions in lamination, precision cutting and router cutting, we offer a diverse array of support media that include flex backlit, frontlit, blockout, PP film, PET banners and self-adhesive substrate, in addition to laminating film that can be used for theatre backdrops, on backlit and frontlit billboards, advertising panels, construction site hoardings or at points of sale.





OPTIVISION Dynagraph

Dynagraph Dubai Production City free zone warehouse, United Arab Emirates



Films & Adhesives

In addition to BOPP thermal and cold film for the lamination of books, brochures, swatches, posters, paper bags or packaging for foods and medicines, Dynagraph also supplies heat sealable and plain BOPP films for everyday flexible packaging needs. Whether it's regular corona treated BOPET films or special chemically-coated BOPET films for high laminate bond strength, we cover all your needs.

In the fast-growing flexible packaging industry, different films and adhesives play a vital role in ensuring that packed products remain intact. At Dynagraph, our technical team is able to identify which type of film and adhesive is best suited for your job. We also offer high barrier films like metallized BOPP, BOPETfilms, PVDC coated films and Alox coated films.

Dynagraph carries a wide range of adhesives, both hot melt and water-based, for the robust and reliable packaging of everything from small, intricate cartons to heavy-duty wraparound cases. Our adhesives work on all types of paper, board and plastic.

Hot melt adhesives offer superior strength in all bookbinding applications, from spine to side gluing, and bond even the most difficult paper stock. Hot melt also meets most bottling and labelling needs. We also carry a range of innovative hot melt adhesives for use with non-woven, disposable products, the single largest area of the adhesive's use, worldwide.

Water-based and solvent-free adhesives are available as an environmentally friendly, low migration alternative in food packaging. Water-based adhesives are best for film to print applications where extreme fold, crease and emboss resistance is required.

3D Printing

By leveraging the experience and the reputation for quality and innovation that we have built up over our sixty-plus years of dedicated service to the region's printing and graphics industries, Dynagraph is currently entering into an ambitious expansion of its core activities to include a broad spectrum of services that can broadly be described as the provision of industrial solutions. Whether this involves entering new sectors, like the food industry or investing in emerging technologies, like 3D Printing, we are constantly on the lookout for new ways to make use of the competencies for which we are known, both inside and outside our core industries..

3D Printing

A rapidly developing technology with enormous potential, 3D printing already offers makers the ability to rapidly and inexpensively manufacture one-of-a-kind parts or objects in short production runs, most commonly through the use of extruded plastics, nylon and polyamides.

Other materials are increasingly coming into use. These include cement, ceramics, paper, metals, certain foodstuffs - especially sugar, chocolate, pasta and meat - as well as bio-materials, which are currently being used in medicine to print replacement bones, skin and other bodily organs.

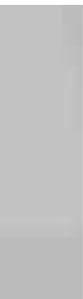
Items already in production include clothing and shoes, objects, furniture, jewellery, machine parts and even small buildings. As the technology matures and improves, potential applications are almost limitless.

By making localised, small-scale and on-demand production possible and increasingly within the reach of individuals, 3D printing has already begun to revolutionise the manufacturing and distribution industries and perfectly complements the array of services that Dynagraph already offers.





3D Printing is emerging from its niche status and becoming a viable alternative to conventional manufacturing processes in an increasing number of applications



Skyfall designed by FERAG is a unique conveying, processing, buffering and sorting solution for different types of articles



Handling & Storage Systems

Our experience in large-scale print operations, as well as in managing a region-wide network of warehouses means that Dynagraph is already capable of offering a range of solutions for the storage and conveyance of a wide array of products, from beverage sachets and carrier bags to cookie packets. These solutions permit in-sequence operations like order picking, buffering, weighing and labelling to be carried out during conveying.

Our packaging, order fulfilment and storage systems are fully automated. Highly reliable and offering maximum flexibility, they are designed to make your business more efficient.

Food Industry

We are always looking to conquer new territory in market segments that complement our existing sales and service network. Typically, this means an industry organised around precision equipment that requires short to long sales cycles and dedicated after-sales support. The food industry fits this framework well, particularly the baking industry.

In partnership with one of the global leaders in the field, Germany's WP Bakery Group, we offer the best mainstream baking machinery, from toast bread make-up lines, mixers and roll plants, to frying lines and ovens. Whether your bakery is semi or fully-automated, we can do everything from supplying single items of equipment to completing turnkey projects. Through partnerships with a variety of brands, we offer solutions to fit every budget.

Through preferred partnerships with ancillary equipment companies, Dynagraph is able to do much more. From storage and dosing, to proofing, cooling, slicing and finally packing, we are able to offer the elements our principal partners cannot, resulting in our ability to offer clients an A-Z solution.

Ingredients are key to producing top quality products for a sophisticated consumer base. We have taken the time to source the right partners, companies such as the UK's GR Wrights and CPT Limited, which can deliver not just quality but also a variety of flours, mixes, base and speciality commodities.

Our aim is to broaden the regionally available base of ingredients and raw materials by creating our own branded private label. Tapping into this second-tier market will boost volume and give Dynagraph's foods division the same Gulf-wide presence its printing division enjoys.

FOOD DIVISION: WP Haton | WP Kemper | WP Industrial Bakery Technologies | WP Riehle | Andros | Gr Wright & Sons Ltd. | WP Haton | WP Kemper | WP Industrial Bakery Technologies | WP Riehle | Andros | Gr Wright & Sons Ltd. | Actifa





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