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WINDMÜLLER & HÖLSCHER
PASSION FOR INNOVATION

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About us:

Our goal is to make membership in Flexpack a significant tool for progressive flexible packaging, printers & converters. As the voice of the Flexo Gravure (Converter) industry for over couple of years, the Flexible Packaging Association is recognized as a reliable and credible source of the industry information you need, when you need.

Vision:

To be a world-class trade organization that promotes industry growth in a global economy while providing outstanding industry representation and services to members.

Mission:

Flexpack advances a pro-manufacturing agenda, strengthens global competitiveness, improves productivity and pursues zero waste strategies for the Pakistan Flexo Gravure Printing, Packaging industry.

Membership:

Membership is open to any person, firm, corporation or division engaged in the manufacturing of Flexo Gravure converted forms of paper, printers, film, flexible plastics or foils, or combinations thereof, for sale to the users or distributors of such materials for packaging purposes.



Flexpac North Chapter

Corporate Member Companies 2015-16:

A To Zee Printers, Al-Amna Packages, Al-Madina Plastic (Pvt.) Ltd, M/s. Al-Aziz Rotoflex (Pvt.) Ltd, Al-Makkah Press, Continental Print & Pack (Pvt.) Ltd, Dynamic Packaging (Pvt.) Ltd, Fazleesons (Pvt.) Ltd, Fine Art Press (Pvt.) Ltd, Gulf Packaging (Pvt.) Ltd, Hani Gravure Prints, Jilani Industrial Corporation (Pvt.) Ltd, K.B. Enterprises, Kamil Packaging (Pvt.) Ltd, Metatex (Pvt.) Ltd, Multi Pak (Pvt.) Ltd, Masood Plastic Industry, Naeem Packages (Pvt.) Ltd, Printer Port (Pvt.) Ltd, Printech Packages (Pvt.) Ltd, Pak Packages (Pvt.) Ltd, Panaflex (Pvt.) Ltd, Pak Printers, Pakistan International Printers (Pvt.) Ltd (PIP), Rototec (Pvt.) Ltd, Roshan Packages (Pvt.) Ltd, Rainbow Packages, Saima Packaging (Pvt.) Ltd, Six Sigma Printers, Specialty Printers (Pvt.) Ltd, Sprintech Packaging (Pvt.) Ltd, Speed Packages, Star Packages, Transworld Multipurpose Industries (Pvt.) Ltd, Toyo Packaging (Pvt.) Ltd, Universal Packaging Company (Pvt.) Ltd

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OFFICE BEARERS / EXECUTIVE COMMITTEE MEMBERS



Mr. Ali Morani
 Chairman & Patron in Chief
 Managing Director
 Continental Print & Pack Pvt Ltd



Mr. Saadat Ejaz
 Senior Vice Chairman &
 Patron in Chief, Director
 Roshan Packaging Pvt Ltd



Mr. Jawed Rasheed
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Mr. Mujahid Ali Shaikh
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Mr. Mansoor Farrukh Sheikh
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 (South), Director
 Rototec Pvt Ltd



Mr. Nasir Mahmood Rajauri
 Secretary

MESSAGE



ALI MOHAMMAD MORANI
MANAGING DIRECTOR
CONTINENTAL PRINT & PACK PVT LTD, KARACHI
PATRON IN CHIEF, PACKAGING PAKISTAN
CHAIRMAN
FLEXPAC (FLEXIBLE PACKAGING
ASSOCIATION OF CONVERTERS
OF PAKISTAN)

The first issue of PACKAGING PAKISTAN is in your hands. ALHAMDULILLAH!

It is an auspicious moment for me as the Chairman of Flexpac (Flexible Packaging Association of Converters of Pakistan) that we are bringing out the magazine PACKAGING PAKISTAN. In this regard, I thank and congratulate all members of Flexpac as well as all those active in any business that is associated with entire Packaging Industry of Pakistan. Be they converters, other packaging solutions providers, manufacturers, local and international suppliers, local and international trade event organizers or service providers, PACKAGING PAKISTAN is now available to them as a very effective and convenient medium of communication and coordination. PACKAGING PAKISTAN will also work as a bridge between Food, Pharma, Textiles, FMCG sector and other end users of Packaging Products and their suppliers. It is also a moment of profound satisfaction for me as the founder Patron in Chief of PACKAGING PAKISTAN that we have accomplished another objective set by Flexpac of launching a magazine for the industry. The idea was not limited to just cover and promote the flexible packaging sector; in fact, we want it to reflect a broader vision and encompass the entire Packaging Industry of Pakistan and work for its welfare, growth, development and betterment. There is no second thought to the fact that the Packaging itself has long transformed into an essential part of any produce, be it consumed locally or exported to foreign consumers. There are several forms of packaging – dominated by flexible packaging - without which the products cannot leave their production point to land in the consuming hands.

The essential need for packaging of products created an unprecedented demand to be catered. Resultantly, thousands of units of various sizes and capacities are operating today in almost every part of the country to cater to the demand for packaging solutions.

The packaging industry is scattered throughout Pakistan. It has multiple issues and is faced with several challenges. These issues need to be addressed; these challenges need to be tackled. For that matter, unity and organization is highly required. And, Flexpac will continue playing its role in resolving the issues and tackling the challenges in a positive and amicable manner with mutually devised and agreed upon strategy.

It is the call of time for all of us to join hands in the greater interests of Packaging Industry and work together in removing the obstacles so as to march ahead on the path of growth, development and innovation.

It is not possible to thank and mention every member by name: gratitude to all of them. I am confident that every member of Flexpac will extend his/her valuable cooperation to PACKAGING PAKISTAN and will own the magazine as his/her own initiative as, after all, PACKAGING PAKISTAN is to work as the springboard for the growth of our industry, individually and collectively.

I wish to thank the local and international suppliers and the service providers of the industry who are doing a marvelous job to keep the ball rolling. I am sure they will be glad to utilize the pages of PACKAGING PAKISTAN for promotion and expansion of their products and services. PACKAGING PAKISTAN is the Bridge between You and the Industry!

Here, I would also like to thank Mr. Ahmed Qaiser, the Editor of PACKAGING PAKISTAN for sharing the idea and accepting the role to lead it from the front. Mr. Qaiser, as we know, is a seasoned professional journalist from Print and Electronic Media with vast knowledge and understanding of Plastic and Packaging Industry. He comes enriched with the unique experience of successfully launching and handling similar trade magazines.

Happy Reading!

MESSAGE



MR. SAADAT EJAZ
DIRECTOR
ROSHAN PACKAGES (PVT) LTD, LAHORE
SENIOR VICE CHAIRMAN (NORTH)
FLEXPAC

It is an auspicious moment for all members and office bearers of FLEXPAC that PACKAGING PAKISTAN is being launched which will serve as the Voice of Pakistan's Packaging Industry.

The need to have a professionally competent industrial magazine to represent and organize not only the Flexible Packaging Sector, but the entire Packaging Industry of Pakistan including Plastics, Paper, Board, Corrugated, Rigid, Semi Rigid, Glass, Metal and the rest was being felt for long. Besides, the Pakistani Packaging Industry and the International World required a reliable communication channel to be established in order to facilitate the transfer of knowledge, technical expertise and latest technological developments and innovations that are frequently taking place globally.

We, at FLEXPAC, are fully aware of the importance and utility of setting up a communication channel to bridge the Pakistani Packaging Industry with rest of the Packaging World. The idea was floated by Mr. Ali Morani, Chairman and was duly shared by the undersigned as well as all other office bearers and the members to launch a Trade Magazine to not only facilitate the growth and development of the industry but also organize the entire industry to act together with the most common aims and objectives of the collective betterment, growth and development. PACKAGING PAKISTAN is destined to achieve the maximum goals envisioned and shared by each and every member of FLEXPAC. We invite all those engaged in any role in the Packaging Industry, particularly, the Converters in Pakistan to step forward, embrace the common vision of growth and development, strengthen themselves by joining FLEXPAC and support PACKAGING PAKISTAN by considering it as their own asset, as their own channel for communication, and as their own bridge to reach out where they need to. The circulation list of PACKAGING PAKISTAN also includes Pharma, Food, FMCGs, Textiles, Automotive and other relevant sectors; thus making it the best available source for promotion of your products and services in these sectors.

I also invite the international world of packaging, their local representatives, local and international suppliers and service providers to channelise their promotion in Pakistani Packaging Industry by conveniently utilising PACKAGING PAKISTAN as their effective and economic tool of sales and marketing.

I would like to appreciate Mr. Ali Morani, Chairman, FLEXPAC for taking the initiative and believe that every member of FLEXPAC will extend every possible support to make PACKAGING PAKISTAN the true Voice of Pakistani Packaging Industry, locally and abroad.

MESSAGE



MUHAMMAD ISMAIL MEMON
CHAIRMAN
PAKISTAN ASSOCIATION OF PRINTING &
GRAPHIC ARTS INDUSTRY (PAPGAI)

On behalf of Pakistan Association of Printing and Graphic Arts Industry (PAPGAI), we extend our heartiest congratulations to Mr. Ali Morani, Chairman FLEXPAC and his team on the launch of "PACKAGING PAKISTAN".

Pakistan is a growing market with many opportunities and openings. Currently, the total value of the industry is only 5 Billion Dollars. But we expect a growth of 16% in offset, 18% in gravure and 20% in flexo in the coming years.

Printing industry is based mostly in the big cities of Karachi, Lahore, Islamabad and Faisalabad. The printing presses however are spread all across the country. In Karachi alone there are more than 3000 small, medium & large printing units. All over the country there are altogether 15,000 units which include offset, flexo, gravure and screen printing. This figure also includes packaging units involved in making corrugated boxes.

The quality of printing has improved considerably over period of years. The printing industry is largely dependent on local orders. Export orders in printing are limited as paper, film and inks imported in the country are taxed a 20% duty. This is primarily to safeguard the local industry. But, there is increasing pressure from local printers for the reduction of import duty. Once this is achieved the potential for export orders will increase considerably.

There are few manufacturers of semi automatic guillotines & local flexo and gravure machines. Equipment used in corrugated industry is locally made also. There are few manufacturers of manual die cutting machines as well.

There is huge potential in this sector. Small printing machines as well as equipment in post press sector can be manufactured / assembled here.

Recently, PAPGAI organized printing and packaging exhibition in Karachi by the name of PrintPak 2015 which was very successful. The exhibition saw participation and attendance from printers all over Pakistan and abroad.

In the end we wish Mr. Ahmed Qaiser, Chief Editor "PACKAGING PAKISAN" and his team all the success for many years to come.

MESSAGE



M. Kafil Sheikh
CEO
K Group of Companies

I am delighted to know that FLEXPAC (Flexible Packaging Association of Converters of Pakistan) is launching its own magazine under the name and style of PACKAGING PAKISTAN. I welcome this positive initiative and assure them of fullest cooperation and support from K Group of Companies.

Packaging Industry of Pakistan has been going through a trend setting phase of its progress. There was a time when entrepreneurs were somewhat reluctant in making investments in modernization and expansion as the volume of business in packaging products was not as vast as to render such investments feasible. But that has become part of the past.

For the last decade or so, positive changes has been witnessed in the overall approach of packaging industry, much part of which can be attributed to the changing behavior of end users of packaged products. This has ultimately led to the change in the vision and priorities of packaging industry which has reacted in a healthy and progressive manner by modernising and expanding itself to cope with the challenges posed by time to time changes in the demand from buyers of packaging solutions.

The packaging industry has increasingly become quality conscious and has been showing its strength by making huge investments in equipping itself with the cutting edge technology. Expansion projects are being undertaken, existing production facilities have been/are being modernized and hitherto unorganized sector is also treading on the path to organize itself. Much has been done; much has yet to be done.

As a result, many of the quality packaging solutions which could earlier be sourced through imports only, are being made available by the local packaging industry. This is due to the positive vision of the industry and the investments in state of the art technology which is enabling the packaging solution providers to offer high quality packaging options to the buyers.

It is promising to see that many of Pakistani packaging solution providers are able to offer world class packaging products, and K Group of Companies is proud to be an effective partner of Pakistani packaging industry in their quest for expansion and modernization. We have been working with our packaging industry shoulder to shoulder and have been providing them with hi-tech machinery and cutting edge technology from our world renowned principals to assist them in coming at par with the world. We feel proud that K Group enjoys the full confidence of the packaging industry and we wish to assure that we will continue to work as diligently and sincerely as ever to remain the most trusted partner of Pakistan's packaging industry.

There was a genuine need to erect a bridge between packaging industry of Pakistan and their supply side and I believe that FLEXPAC has taken the right initiative in this regard by launching their own industrial and trade magazine – PACKAGING PAKISTAN. This will greatly help all the stake holders of the industry in the exchange of information in a convenient manner and will also minimize the communication gap that might exist in the absence of an effective channel of communication.

I appreciate the efforts made by FLEXPAC in organizing the packaging industry under the able leadership of Mr. Ali Morani, who is a dynamic personality and has made remarkable contribution to the betterment of the industry. I also pay tribute to Mr. Saadat Ejaz and other Executive Committee Members for the important roles they play in the betterment and development of the packaging industry of Pakistan.

I would also like to acknowledge Mr. Ahmed Qaiser who is a seasoned professional journalist and understands the packaging industry very well. His knowledge and understanding of the packaging industry and its numerous issues make him the right choice as the Editor in Chief of PACKAGING PAKISTAN.

I wish PACKAGING PAKISTAN great success.

Editorial

All the Praise and Gratitude Belongs to the Almighty Who Created All and Everything.

The Packaging Industry of Pakistan has been faced with several challenges of different kind and scale. Of them two major challenges are the organization of the entire Packaging Industry and an efficient and smooth coordination among its all stake holders.

The organization of the industry has the utmost importance as no industry can ever tackle any challenges it is faced with unless it is properly organized. When an industry lacks the necessary organization, sincere individuals do keep making efforts in their individual capacity but their efforts - although highly laudable – somehow prove fruitless. This happens because the issues of any particular industry are not so minor or simple as to be resolved by an individual only; they need mutually devised strategies and well directed and concerted efforts.

This was the vision shared by Mr. Ali Morani, the Chairman, Mr. Saadat Ejaz, Senior Vice Chairman, all the Executive Committee Members and other members of FLEXPAC which envisaged the launch of PACKAGING PAKISTAN.

It was not an easy task at all. But, to cut a long story short, and without going into the details of all difficulties that came our way, we congratulate every stake holder of Packaging Industry that PACKAGING PAKISTAN is now in your hands!

PACKAGING PAKISTAN has the vision and a main objective to play its pivotal role in organizing the Packaging Industry of Pakistan and assist the stake holders to develop effective coordination. With your support and guidance, we are confident that this vision and objective will prove comfortably achievable in due course of time.

PACKAGING PAKISTAN represents the entire Packaging Industry: it is the Exclusive Voice of Pakistan's Packaging Industry. Therefore, every stake holder is openly invited to consider it as his/her own magazine.

You may be a company from converting sector; you may be a company from processing sector; you may be producing packaging films or corrugated cartons; you may be a company from glass, paper & board, rigid or semi rigid sector; PACKAGING PAKISTAN is your magazine.

You may be a local or international supplier of above sectors, supplying machinery, chemicals, raw materials, inks, adhesives or anything; if you want to promote your company and your product(s) in these sectors, PACKAGING PAKISTAN is your magazine.

You may be a service provider, an event/exhibition organizer or have any other business to do with Pakistan's Packaging Industry, PACKAGING PAKISTAN is your magazine.

Same is the message for all suppliers and service providers of Pharma, Food, Textile, Automotive, FMCG and other related sectors; if you wish to promote your company and products in all or any of these sectors, PACKAGING PAKISTAN is your magazine. PACKAGING PAKISTAN will cover these sectors and they are an important part of the magazine's distribution.

PACKAGING PAKISTAN will strengthen the Packaging Industry; it will strengthen you. So, strengthen it.

We welcome your support and guidance. Have you any ideas, any suggestions how PACKAGING PAKISTAN should work? What should it be doing? Share with us. We will highly appreciate it.

Let us be informal in doing formal business. Let us support and strengthen each other.

This is PACKAGING PAKISTAN - the Exclusive Voice of Pakistan's Packaging Industry.

Happy Reading!



Ahmed Qaiser
Chief Editor



ROSHAN

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FELICITATION

**Heartiest Felicitations to Office Bearers and
Members of FLEXPAC, Mr. Ali Morani,
Chairman and all stake holders of Pakistan's
Packaging Industry on the Launch of**

PACKAGING PAKISTAN MAGAZINE

Roshan Packages Pvt Ltd

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FELICITATION

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*Saadat Ejaz
Roshan Packages Pvt Ltd*



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Flexible Packaging Industry IN PAKISTAN

By Tarique Rehman Fazlee
CEO, Fazleesons (Pvt.) Ltd.,
www.fazlee.com

Member Executive Committee



Outcome of this Industrial era is wealth but if there is one industry that plays a unique role by way of both creation of wealth through a wide range of manufacturing activities and also by way of preserving the wealth or value created by numerous other industries, it is packaging. Apart from the huge value addition and employment involved in these activities, packaging has served the Pakistan economy by helping preservation of the quality and lengthening the shelf life of innumerable products ranging from Biscuits, Snacks, Confectionery, Tea, Beverages, Medicines, Processed and Semi-processed Foods, Fruits and Vegetables, Edible Oils, etc. The packaging industry's growth has led to greater specialization and sophistication from the point of view of health (in the case of packaged foods and medicines) and environment friendliness of packaging material. The demands on the packaging industry are challenging, given the increasing environmental awareness among communities expected to stimulate greater consumption of branded products and increase the use of rigid and flexible packaging.

Modern developments in flexible packaging are bringing pouches, films and foils to the market on an unprecedented scale. Flexible packaging market's most promising innovations include safeguarding product quality, enhancing visibility and improvement in environmental sustainability and more. Flexible packaging contains multi-layered laminated sheets of single or a combination of substrates such as plastic, paper or aluminum.

Flexible packaging finds varied use because of its ability to provide strength, moisture resistance, aroma retention, gloss, grease resistance, heat retention, seal-ability, printability and low odour. Flexible packaging has gained vast acceptability because of the protection it offers to the product against environmental threats like moisture, heat, and chemical reaction. More so, convenience in handling the product and the cost benefits it provides are added advantages.



Flexible packaging has been shaping up the packaging industry for many years now, especially in the food packaging market, where flexible materials are regularly introducing a wide range of new design concepts to minimize waste (both in terms of conservation and cost), attract consumer attention and maintain the freshness of the products within. As a whole, Asia is expected to contribute more than half of the world's total consumer flexible packaging growth from 2011-2016, with South Asia and China alone representing 44%. Whether in the West or the East, this growth will be driven by a raft of factors within the packaging and consumer retail sectors.

With complete understanding of our products, its application and its utilization, Pakistani converters are able to recognize the requirements of their clients and offer them packaging solutions that best suit their products. Apart from offering their clients the right kind of packaging materials, they also provide packaging solutions for their products.

The purpose of flexible packaging is to protect the customers' product as well as to make it look attractive to the end users. Food safety and hygiene are crucial issues for human food consumption. ■



Growing demand for features, such as longer product shelf-life, weight reduction and customer convenience, is an open door to packaging developers to solve problems with innovative ideas. In Pakistan, most of the leading converters are maintaining well equipped infrastructure, widely managed by teams of qualified professionals. These factors enable them to be offering unmatched range of flexible packaging products to the growing demand of consumer industry with the best and innovative packaging solutions that best suits their requirements.

GCC PETROCHEMICALS PRODUCTION RISES BY 4.5%



“However, what we are seeing in the GCC is that local producers are not only **expanding capacities** but also capturing **value added opportunities.**”

————— Dr. Al-Sadoun —————

Petrochemicals production in the GCC rose by 4.5% in 2014, the second highest growth region in the world, according to the Gulf Petrochemicals and Chemicals Association's (GPCA) Annual Report 2014.

Regional growth in chemicals production is largely attributed to a surge in plastic production, which grew by 6% in 2014, nearly twice the worldwide average. Global production of chemicals rose by 2.8% last year, a similar figure from 2013.

“This development is testament that the ambitious growth plans of the Arabian Gulf's chemicals industry is based on solid fundamentals,” said Dr. Abdulwahab Al-Sadoun, Secretary General, GPCA. “The region has grown nearly 60% over the global average, an achievement that is made all the more significant when you consider that this progress was made despite continuing economic uncertainty in Europe and recent slowdown in China.”

Saudi Arabia continues to be the GCC's most dynamic petrochemicals market, with new fertilizer and plastic projects coming on-steam, as well as state-of-the-art research centers being launched by companies like Sabic, PetroRabigh, Sadara, Sipchem and Tasnee.

“While production growth is certainly a positive development, GCC chemicals producers must not rest on their laurels. The petrochemicals sector is tied into global economic trends and demographic demand, meaning that we in the Arabian Gulf could

be affected by developments from around the world,” advised Dr. Al-Sadoun. “However, what we are seeing in the GCC is that local producers are not only expanding capacities but also capturing value added opportunities. Sabco's new fertilizer plant, for example, is capable of capturing 850,000 million tons of carbon dioxide per year enabling this Sabic affiliate to be the operator of one of the largest carbon capture and utilization facilities in the world.

“Moving forward, the picture looks positive,” continued Dr. Al-Sadoun. “As Sadara formally comes on-stream this year, 14 of the 26 units operated by the company will manufacture products that have never been produced in the Arabian Gulf, signalling that an era of diversification is imminent.”

Now in its 9th edition, the Annual Report provides an overview of the major developments of the GCC petrochemicals industry from across the region. Published by the GPCA, the Annual Report represents a key facet of the thought leadership activities of the association, which has grown from 60 members in 2006 to 240 members today.

“Along with advocacy and networking, the GPCA has grown into a body that provides consistent, reliable and transparent information about the region's petrochemicals industry,” concluded Dr. Al-Sadoun. “With this report, we hope to provide a snapshot of developments within the last year, in a way that makes sense to both seasoned insiders, as well as casual readers.”



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Launching 'European Style' Apprenticeship Programme Would be a Wonderful Start:

Thomas Roth

An exclusive interview with Mr. Thomas Roth, Area Sales Manager, Daetwyler Graphics and Swisstec, Switzerland

By Ahmed Qaiser

Packaging Pakistan: Please tell us about Daetwyler Graphics and its products.

Daetwyler Graphics is since 2009 part of Heliograph Holding. We are mainly focused on providing complete solutions to the gravure cylinder making industry. What we can offer, is a turn-key solution, to produce gravure cylinders in-house or for the free market. Machines, consumables, training & support, all from one source! Nowadays, our group has 07 manufacturing sites around the globe and more than 15 subsidiaries, employing about 500 employees altogether.

PP: What market share is enjoyed by Daetwyler Graphics globally?

We are currently the leading provider of cylinder making solutions on a global level. Thanks to the Heliograph Holding merger, the customer can nowadays benefit from the know-how of 07 highly-specialized companies, incorporated under one roof. As a result, we are enjoying a high market share for complete manufacturing lines. In regards to individual, stand-alone machines, it is difficult to make a general statement but it would range around 70-80%.

PP: We know that Daetwyler is a favourite brand in Pakisani industry. What enables Daetwyler to be favourite here?

Quality, service and local presence. Since, we have been working in the market more actively with Mr. Imran Rehman, the success of our products in Pakistan came automatically. Thanks to his efforts in the cylinder making business as well as with doctor blades, we have managed to build up Daetwyler as a strong brand, spark the interest of many printing companies and to build up personal relationships with most of the key players in this industry. Moreover, we frankly love Pakistan as a country and appreciate the culture and hospitality of its citizens! Personally, I trust this might be an additional advantage.

PP: As you know, PACKAGING PAKISTAN is being launched by the Packaging Industry's Association - FLEXPAC. How do you see this initiative? How do you think it is going to facilitate international suppliers in promoting their products in Pakistani Packaging & Plastic industry?

Of course, we appreciate these efforts of the industry very much! A strong local association with an own communication channel i.e. PACKAGING PAKISTAN, can help the industry to further strengthen its international competitiveness and to reduce information assymetries. In addition, PACKAGING PAKISTAN provides us an excellent platform to communicate the advantages of our products and services. We appreciate the opportunity to become part of the very first edition already!



PP: You have been visiting Pakistani industry for many years. Based on your practical interaction with the local industry, how do you comment on it?

Growing and progressing rapidly. The pace of its development has simply been amazing. However, we see a great potential on shop-floor level, to further improve the operational efficiency, especially in gravure printing. Launching a "European style" apprenticeship programme, with a combination of practical work and theoretical education at university, would be a wonderful start. Actually our efforts in the doctor blade business are exactly going in that direction. We do not sell a product only but we provide education, training and support on shop-floor level, with the help of my colleague Mr. Lars Lieb, who has over two decades of practical experience in gravure printing in Germany.

PP: What prospects do you see for Daetwyler Graphics products in the coming years in Pakisani industry?

We see a realistic potential for 3-5 complete systems and some additional stand-alone machines for existing customers, with an already installed production line.

On this special occasion, we would like to announce that Daetwyler Graphics and Swisstec, will be continuing to work with Mr. Imran Rehman, who has founded his own company Cloud Packaging, based in Karachi. We will be giving our full support to Mr. Rehman and the team of Cloud

Packaging, a company of IR Group and we are glad about the opportunity to work with him. Thanks to his efforts and his sincerity, Mr. Imran Rehman has become a respected, equal partner to the industry and we look forward to our mutual cooperation.



Date: December 20th, 2015
From: Daetwyler Graphics, Bleienbach
To: All Pakistani customers

Official Announcement

Cloud Packaging Pvt. Ltd. – New Heliograph Holding representative in Pakistan

Dear Valued Customer,

It gives us immense pleasure to inform, that Mr. Imran Rehman, owner of the company Cloud Packaging Private Limited, has been appointed as our new representative, for the territory of Pakistan.



Mr. Rehman decided to establish his own company in 2015, after having been a partner at KGroup of companies, for nearly two decades. As he has been the driving force behind the Heliograph Holding market activities in Pakistan, we have decided to appoint him as our new representative.

We are glad to receive the opportunity to continue working with Mr. Rehman and we would truly appreciate if you extend your valuable support to him.

His contact details are:

Imran Rehman

CEO of IR Group

Cell. No. +92 300 8231252

Email: lr@irgroup.com.pk

As of **January 1st, 2015**, Mr. Rehman will start his activities for the below listed companies of Heliograph Holding:

- Daetwyler Graphics, Switzerland
- Kaspar Walter, Germany
- Hell Gravure System, Germany
- Schepers, Germany
- Bauer Logistics, Germany
- Ohio GT, USA

If you should have any questions, please do not hesitate to contact us.

Sincerely,

Thomas Roth
Area Sales Manager

Daetwyler Graphics AG





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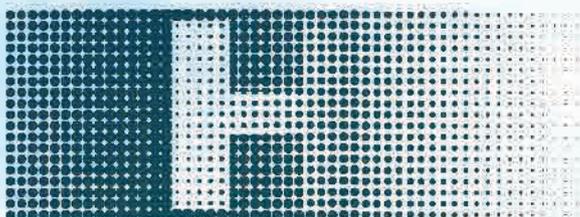
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Facts & Figures about Glass Industry of Pakistan



INDUSTRY/LOCATIONS: Glass industry consists of two sectors namely organized and unorganized. There are around 40 major glass producing units in the country out of which over 70% are located in Punjab while the rest are spread over Khyber Pakhtunkhwa, Sindh and Baluchistan.

VOLUME: The overall production volume of glass industry of Pakistan is reported to be between USD 80 and 90 million, ranging around Eight to Nine Billion Rupees per annum. (Indian glass industry's production volume is around Rs.350 billion Pakistani rupees, or around USD 3.5 billion).

RAW MATERIALS: Glass industry forms around 2% of Pakistan's manufacturing sector. Major raw materials of glass manufacturing process include silica, lime, soda ash and some other additives including Zinc and Phosphorous. Pakistan also exports soda ash to different countries including India.

IMPORTS & EXPORTS: Pakistan imports glass products valuing more than USD 70 million while the volume of exports fluctuates between USD 15 and 20 million annually. Major countries exporting glass products to Pakistan include China, USA and Thailand with China bagging the lion's share with over 70 per cent.

END USERS: The target markets for Glass Industry include Pharma, Food & Beverage, FMCG sector, Automotive, Construction, Furniture and Domestic sectors.

MAJOR ISSUES: Being highly reliant on gas/electricity, the Glass industry is severely hit by chronic energy crisis in Pakistan. Power loadshedding is like a curse for this industry because the furnaces have to be reheated every time after power restoration, resulting in extra cost of energy consumption. Several units have been closed down due to energy crisis.

POTENTIAL: Immense potential exists in the Glass Industry of Pakistan for growth and expansion provided the main obstacles including the acute shortage of energy supply and deteriorated law and order situation are removed. Nonetheless, Pakistani glass producers are able to meet the international standards as is evident from the fact that the countries importing their products also include USA.

The figures mentioned herein also include those collected few years back during a joint field survey conducted by IFC and State Bank of Pakistan.





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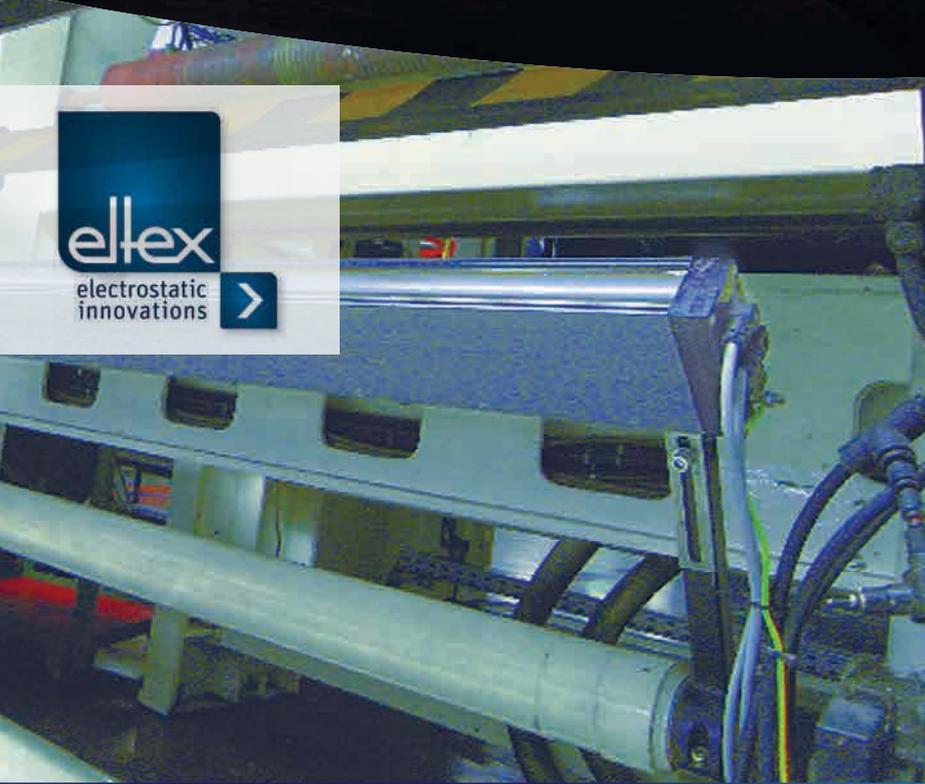
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Great Trade Potential Exists between Iran and Pakistan: Shoaib Hassani

Iranian companies see immense trade potential in Pakistani plastic and packaging market in the wake of lifting of international trade embargo from Iran, this was stated by Shoaib Hassani, General Secretary of INPIA (Iran National Plastic Industries and Polymer Association) while talking to Packaging Pakistan at Karachi Expo Centre where INPIA had organized an Iran Pavilion at an exhibition.

Mr. Hassani said:

“The exhibiting Irani companies have held promising business meetings with lot of Pakistani companies and they are quite optimistic about renewing trade ties with their old and new Pakistani trade partners.”

The General Secretary of INPIA said Iran and Pakistan share historic religious and cultural bonds and he was pleased to see very warm welcome by the local trade and industry visitors who expressed their willingness to renew trade ties as soon as the embargo was lifted. In reply to a query, Mr. Hassani said that Iran shares a long border with Pakistan and being a neighbouring country, comparatively lower transportation cost will render mutual trade between the two countries more competitive and convenient. He expressed his gratitude to all the local visitors who visited the stalls of Iranian companies and apart from showing keen interest in doing business with them also expressed their moral support.

FLEXPAC, INPIA Agree to Work Together to Promote Mutual Trade

Packaging Pakistan Exclusive Report

FLEXPAC (Flexible Packaging Association of Converters of Pakistan) and INPIA (Iran National Plastic Industries and Polymer Association) have expressed keen interest in cooperating with each other in order to promote mutual trade. Both associations also agreed to maintaining the contacts and exploring the possibilities of mutual cooperation.

During a meeting between Mr. Ali Morani, Chairman, FLEXPAC and Mr. Shoaib Hassani, General Secretary, INPIA, which was held at Karachi Expo Centre where INPIA had organized an Iran Pavilion comprising of 13 Iranian companies, both associations agreed that great trade potential exists to be explored between the two neighbouring countries in the wake of lifting of international trade embargo from Iran. They believed that concerted efforts are required to not only renew the old trade ties but also to explore new trade opportunities in view of existing economic scenario. Mr. Morani offered his cooperation to Mr. Hassani on behalf of FLEXPAC and assured him of every cooperation that may be required by INPIA for exploring trade opportunities in Pakistani packaging industry. Mr. Hassani thanked the Chairman, FLEXPAC terming it a valuable offer and assured him to reciprocate. On this occasion, Mr. Morani presented Mr. Hassani the FLEXPAC Shield as a memento which was accepted with gratitude by INPIA General Secretary.





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High-performance for low-consumption thin-wall injection molding

ALL-ELECTRIC EVEN FOR HIGH CLAMPING FORCES

The power requirements in the packaging industry today ask for large machines with multi-cavity molds. The ENGEL e-speed machine combines these properties with short cycles and high energy efficiency. The drive concept of the electrical clamping unit features an innovative energy accumulator and recovery system that reliably avoids peaks in the power supply. After having presented the 650-tonne hybrid machine with electrical clamping unit and hydraulic injection unit for the first time at the K 2013, ENGEL presented a second variation with a larger injection unit at its 2015 symposium.

In new developments and refinements in plastics technology, energy efficiency will play a central role. This topic is therefore a focus in the development work of ENGEL. Hydraulic drives are increasingly being replaced by servohydraulic or electric drives. One field of application that is still largely dominated by all-hydraulic machines is packaging production. Thin-wall injection molding requires a very high power density, which injection molding machines with high clamping forces must be able to provide within an extremely short time. For a long time, only hydraulic accumulator machines came into consideration for this.

Energy accumulator based on a flywheel

The ENGEL e-speed machine (Fig. 1) with a completely new electrical clamping concept permits the required performance for permanent high-speed operation to be achieved for the first time in this clamping force class. In practice, the new machine concept already saves over 50 % energy in comparison to conventional accumulator-driven machines.

With an electrical clamping unit and a hydraulic injection unit, the machine is ideal for thin-wall injection molding. It has the biggest and fastest electrical clamping unit on the market (Fig. 2). To allow electrical operation at up to 650 tonnes, ENGEL developed an energy accumulator concept based on a flywheel principle. The accumulator recovers the braking energy from the mold mounting platens and makes it available again as needed – for example for acceleration again. In this way, the machine meets a large part of the power consumption of the drive motor. In addition the energy that is not required is fed back into the grid and not – as in the conventional technology – transformed into heat via the braking resistance.

The ENGEL e-speed machine thus manages with a comparatively low and, most importantly, constant connection power. The new drive concept reliably avoids load peaks such as those that conventionally occur when large electrical injection molding machines are employed with high dynamics. If the performance

requirement is considered over an entire production cycle (Fig. 3), the green-filled curve in the direction of the positive y-axis represents the required electrical power. This is in contrast with the power taken from the grid and recovered again (orange).

The graph makes it clear that the drawn electrical power only accounts for 30 % of the load peak. The difference is compensated by the integrated energy accumulator, which is charged up by the braking operations (negative y axis). In countries with a weak power grid, there is an increased demand for solutions that cap the load peaks.

The prerequisite for rapid movement of the mold mounting plate is new spindle types that ENGEL has developed together with its supplier. Thanks to a greater spindle pitch, they permit a higher platen velocity for the same rotational speed than is the case with a hydraulic injection molding machine. The motor, too, was enhanced in cooperation with a long-term supplier for use in the new machine. In addition, controlled cooling of the lubricant was integrated. In the 650 tonne model, the ENGEL e-speed thus achieves a dry running time of almost 2.1 s with a stroke of 600 mm.

Injection velocities up to 800 mm per second

At the injection side, the long-term proven ENGEL inline injection unit, with particularly high injection dynamics and an electrical metering drive, is used. This achieves injection velocities of up to 800 mm/s, even with large screw diameters of over 70 mm. The machine only uses the hydraulic accumulator for the injection movement. This was pressure- and volume-optimized for the injection movement, which largely eliminates the disadvantages in energy consumption that are usually associated with an accumulator. The low moment of inertia and the short injection strokes further improve the energy efficiency. The package as a whole thus represents a coherent concept for an energy-efficient injection unit.

Moreover, the machine concept was already prepared for future requirements in the packaging industry. The manufacture of food packaging, in particular, requires a clean production environment. The toggle of the new injection molding machine is therefore encapsulated. Another advantage of the sealed design lies in the high uniformity of lubrication, which reduces the friction at the bearing points. This in turn reduces the maintenance outlay as well as the energy consumption.

In the closed loop lubrication concept, each joint is supplied via a separate dosing element. In conventional systems, contamination of the machine oil and the lubricant consumption rise in proportion to the number of cycles whereas, with circulating lubrication, the oil lifetime is largely independent of the throughput. Particularly in high-performance applications, this reduces the operating costs considerably. The costs for lubricant consumption are reduced by up to 90 %. In addition, the automatic lubrication system reduces the maintenance outlay necessary for manual lubrication almost to zero.



Fig. 1. At the ENGEL Symposium 2015, the ENGEL e-speed injection moulding machine was celebrating the premier of a new machine size. The machine size 6 with a screw diameter of 120 mm has added a larger dimension to what the system can offer.

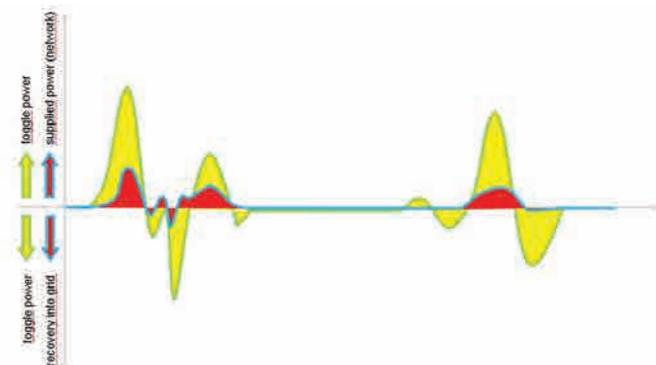


Fig. 3. The Engel e-speed manages with a constant connected load even in permanent highspeed operation. Power peaks from the grid supply are reduced by 70 %.

Energy efficient operation with minimum cycle times
For example, the ENGEL e-speed 650, with a 90 mm barrier screw, produces thin-walled food containers of polypropylene (Fig. 4) using an 8+8-cavity stack mold. A highspeed robot removes the cups from the mold and places them on a conveyor belt. The unit operates with an overall cycle time of 3.6 s and a specific energy consumption of 0.52 kWh/kg.

Another user produces 4-liter pails from polypropylene in a 4-cavity mold. With a shot weight of 560 g and a cycle time of 7.4 s, the ENGEL e-speed 650 achieves a specific energy consumption of 0.39 kWh/kg.

New machine size reduces cycle times with large shot volumes
The new machine size – screw diameter of 120 mm – now guarantees short cycle times even with large shot volumes. The ENGEL e-speed provided an impressive demonstration of this during the ENGEL symposium in June 2015 with the production of cartridges for the do-it-yourself market. The cartridges have a wall thickness of 1.4 mm and a weight of 50 g each (Fig. 4). In a 16-fold mould, this results in a total shot capacity of 800 g. A cycle time of under 10 seconds is achieved for this process.

The cartridge production makes optimal use of the benefits of the hybrid machine. The long hollow forms require a high injection force while the mould must also be able to be opened and closed very quickly. For such requirements, ENGEL has a particularly energy-efficient – with ecodrive as a standard – and also IML-capable solution in its programme: the ENGEL e speed. The ENGEL e-speed 650 in machine size 6 achieves the highest hydraulic force that ENGEL has realised in the area of packaging thus far, and with that it sets new standards in the industry.

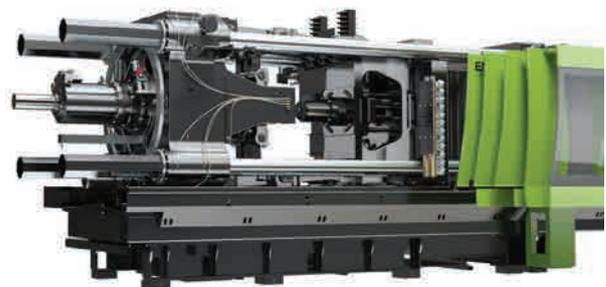


Fig. 2. The new flywheel accumulator integrated in the machine-frame formed the basis for the development of large electrical clamping units.



During the ENGEL symposium 2015 cartridges for the do-it-yourself market were produced. With a total shot capacity of 800 g, a cycle time of under 10 seconds was achieved.

Figures: ENGEL

Record International Participation Witnessed at Plasti&Pack 2015

By Ahmed Qaiser



Plasti&Pack 2015 closed on September 3rd, 2015 with a remarkable success as the number of visitors and exhibitors registered record growth surpassing the last exhibition held in Lahore in 2014.

The show was formally inaugurated by the Chief Guest, Mr. Ali Morani, Chairman, Flexpac (Flexible Packaging Association of Converters of Pakistan) flanked by other local and foreign dignitaries in a simple but graceful ceremony. The Chief Guest was visibly satisfied with the exciting professional environment witnessed throughout the show. "I am very glad to see the high number of international exhibitors as it confirms the growing interest of international business community in the Pakistani industry," said Mr. Morani while talking to Packaging Pakistan. He added:

"Everybody in the industry is convinced that professionally organized trade events play a significant role in boosting the trade activities by providing unique opportunities for networking and developing new connections. I congratulate Pegasus Consultancy for organizing an impressive show in a professional manner."

This edition of Plasti&Pack registered unprecedented growth in terms of international participation, particularly in view of Iran Pavilion, organized by INPIA (Iran National Plastic Industries and Polymer Association). According to the organizers, the international exhibitors accounted for nearly two-third (64%) of total participation with local participation being recorded as 36 per cent.

The number of visitors crossed the magical figure of 12,000, the organizers added. It definitely pleased the organizers. Aamer Khanzada, the Managing Director of Pegasus Consultancy (Pvt) Ltd, told Packaging Pakistan:

"We have received very positive feedback from all the exhibitors, local and international alike. The exhibiting companies are very pleased with the quality of the visitors whom they found the right people with purchasing approach and mostly the decision makers".

He was also pleased with the support provided by the local industry, particularly the Flexpac. "We thank and appreciate the invaluable cooperation and support extended to us by Flexpac and its office bearers, particularly its Chairman, Mr. Ali Morani". Visitors' turnout was quite impressive in the halls of Karachi Expo Centre during the exhibition. Great enthusiasm was noted at the Iranian Pavilion as the stalls were seen crowded by the local trade visitors. "We are very excited to receive such overwhelming response by Pakistani trade and industry visitors," said Mr. Shoaib Hassani, General Secretary, INPIA. "The exhibiting companies from Iran are quite satisfied with the positive interest shown by Pakistani business community in renewing trade links with Iranian companies in view of the trade embargo being lifted soon.



Leading companies like Compass, Toyo Packaging, Amna Packaging, Sama Engineering, Rototech were especially notable among local participation along with several other big companies like Sal Im International, SI Chemicals and Unique Sales Corporation.

Mr. Omar Sama, CEO, Sama Engineering told Packaging Pakistan: "We are glad with the keen interest shown in our machinery by local and international visitors. Sama Engineering is the leading Pakistani manufacturer of Packaging Machinery and we are very happy that our products continue to serve the industry with excellent engineering standards".

The 14th Edititon of Plasti&Pack will be held from 18-20 August, 2016 at Expo Centre, Lahore.



Chairman FLEXPAC Conducts Packaging Forum Experts Offer Valuable Packaging Solutions at Forum

By Editorial Team

Foreign and local experts offered modern technological solutions in plastic and food packaging at the Annual Packaging Forum 2015 held at Karachi Expo Centre. The Chairman, FLEXPAC Mr. Ali Morani conducted the Forum which was organized by Pegasus Consultancy Pvt Ltd as a concurrent event with Plasti&Pack 2015 with the theme "Flexible Packaging Innovations and Developments". International and local speakers from United Kingdom, Pakistan, and UAE presented their papers and highlighted the latest dairy, meat and other packaging industry trends and practices and narrated the salient features of the latest trends in flexible packaging, high efficiency solutions in printing and laminating of flexible packaging and healthy packaging for consumers. They also discussed the topics on Nano Technology in plastic packaging industries and innovations in vacuum coating/metalizing technology in food packaging.



During brief interviews conducted by Packaging Pakistan Editorial Team after the Forum, the distinguished attendees representing plastic and packaging industries of Pakistan lauded the standard of papers read by the experts. They said that such knowledge sharing Forums should be held on a regular basis so that the industry can keep itself abreast of fast emerging new trends in the field of packaging globally.

FLEXPAC Organizes Stall at Plasti&Pack 2015



FLEXPAC (Flexible Packaging Association of Converters of Pakistan), the exclusive Trade Association in Pakistani Packaging Industry successfully organized its stall at a local exhibition held at Karachi Expo Centre.

FLEXPAC, which was the supporting body of Plasti&Pack 2015, effectively represented the Packaging Industry of Pakistan in a dignified manner. The stall received enthusiastic response from the visitors, local and international alike. The office bearers of FLEXPAC including Mr. Ali Morani, Chairman, Mr. Saadat Ejaz, Senior Vice Chairman (North), Mr. Jawed Rasheed Butt, Senior Vice Chairman (South), Mr. Tarique Rehman Fazlee, Member EC and Mr. Saad Habib, Member EC remained at the stall throughout the exhibition to attend the visitors and provided them with the information sought by them.

Most of the international visitors expressed their pleasure over the organization of Pakistani Packaging Industry. They maintained that in the form of FLEXPAC, international business community has found a natural avenue to coordinate with Pakistani industry in an effective, organized and convenient manner. They believed that FLEXPAC will play a significant role in the development and growth of the industry and open up new avenues for mutual cooperation and business facilitation.

CAPTIONS:

Picture 1: A view of Flexpac Stall

Picture 2: Mr. Jawed Rasheed Butt (Jimmy), CEO, Printer Port Pvt Ltd., & Senior Vice Chairman briefing visitors about FLEXPAC vision and achievements

Picture 3: Mr. Tarique Rehman Fazlee, CEO, Fazleesons Pvt Ltd., & Meber Executive Committee along with Mr. Imran Rehman, CEO, IR Group of Companies, Mr. Burhan Farooqui, Export Manager, Clariant Chemical Pakistan Private Limited and Mr. Ahmed Qaiser, Editor in Chief, Packaging Pakistan

Picture 4: Mr. Ali Morani, CEO, Continental Print & Pack Pvt Ltd, & Chairman, FLEXPAC in a group photo with members and visitors at FLEXPAC stall



Merit Packaging Hosts Dinner for PAPGAI Exhibition Participants

By Editorial Team

Merit Packaging hosted an official dinner in the honour of local and international participants of PAPGAI Exhibition at a local club in Karachi. The grand exhibition for Pakistan's Printing Industry was organized at Karachi Expo Centre by PAPGAI (Pakistan Association of Printing & Graphics Arts Industries).

Mr. Shahid A. Khan, CEO, Merit Packaging (Pvt) Ltd, thanked the distinguished guests for their presence. He said the purpose of the dinner was to provide an opportunity to the leading printing and packaging industry members to exchange views and share ideas for the betterment of the industry.

Mr. Khan also underscored the importance of acquiring updated technical knowledge and expertise in order to cope with growing challenges that face the packaging and printing industries.

On the occasion, foreign delegates from Fuji Film also addressed the audience and announced their programme for holding technical seminars with the aims to share latest technological developments and methods currently in use in international printing industry.



The representative of Fuji Film announcing the programme for technical training seminars. Mr. SM Salahuddin, CEO, Ehtesham Packaging and Mr. Shahid A. Khan, CEO, Merit Packaging are prominent in the picture.



A group photo taken on the occasion. Mr. Shahid A. Khan, CEO, Merit Packaging, Mr. SM Naseeruddin, Ehtesham Packaging and other leading figures are present.

NEWS

IRANIAN DELEGATION VISITS KCCI TO EXPLORE OPPORTUNITIES OF ENHANCING TRADE

Mehdi Pour Ghazi, Head of Industrial Committee of Tehran Chamber of Commerce and Vice President of Iranian National Plastic Industries and Polymer Association has said that good opportunities for enhancing trade exist between Pakistan and Iran but the traders of both countries were reluctant in dealing with each other due to international trade embargo on Iran. However, he said, the situation is now getting set to improve as the said embargo will soon be lifted.

Mehdi Pour Ghazi expressed these views while leading an Iranian trade and industry delegation during its visit to Karachi Chamber of Commerce and Industry (KCCI). The purpose of the visit was to explore the possibilities of enhancing business and trade ties with Pakistan.

Commercial Counsellor of Iranian Consulate in Karachi, Sattar Soltan Shahi, President, KCCI, Iftikhar Ahmed Vohra, Senior Vice President, KCCI, Muhammad Ibrahim Kasumbi, Chairman KCCI Sub-Committee on Diplomatic Affairs, Naeem Sharif and KCCI Managing Committee members were also present at the meeting.

Mr. Pour Ghazi informed the KCCI officials that Iranian businessmen, industrialists and traders were looking forward to healthier trade relations with their counterparts in Pakistan.

The members of Iranian delegation which comprised the manufacturers and exporters of plastic, petrochemicals, polymer and other similar goods inquired about Pakistani Customs tariff policies. They also inquired as to how KCCI can help in ensuring smooth transportation of Iranian goods to Pakistan.

KCCI OPTIMISTIC ABOUT TRADE ENHANCEMENT WITH IRAN AFTER EMBARGO REMOVAL

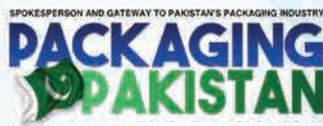
President Karachi Chamber of Commerce and Industry (KCCI) Iftikhar Vohra has said that Iranian businessmen will absolutely face no problems in transporting goods to Pakistan if the goods being exported carried all the required documents. He was talking to an Iranian Trade Delegation which visited KCCI.

Mr. Vohra stated that the sanctions on Iran and suspension of Letter of Credit have terribly affected the trade between the two countries but expected the situation to improve during next quarter in the wake of lifting of the sanctions. Lack of proper banking channel between Pakistan and Iran keeps business activities very limited which will be resolved as soon as Iranian sanctions are removed, he added.

During the meeting, President KCCI also underscored the need to bring down the exorbitant sales tax of 17 percent on import of raw material to single digit which should preferably be brought down to 7 percent: "Reduction in sales tax on import of raw materials would not only help encourage value-addition, industrial expansion and create employment opportunities but will also help in dealing with the menace of smuggling which has been terribly affecting the performance of some of the important sectors of Pakistan's economy". He emphasised that both countries must make efforts and devise a stringent strategy to deal with smuggling as it would certainly prove favourable for both the economies.

He also appreciated the role being played by the Iranian Consulate in Karachi towards improving trade ties between the two brotherly countries, besides extending full support and cooperation to KCCI members. President KCCI also stressed the need to regularly organize the visits of trade delegations to both countries in order to bring business communities closer.

Speaking on the occasion, Senior Vice President KCCI Muhammad Ibrahim Kasumbi stated that there was a huge potential to enhance the trade between Pakistan and Iran. He was of the view that China Pakistan Economic Corridor (CPEC), which was likely to be linked with Iran as well, will surely open up new avenues of investment and business expansion in the entire region. He was of the view that removal of sanctions on Iran would result in substantially improving the existing trade volume. "Keeping in view the trade potential between Pakistan and Iran, trade between the two countries will not remain limited to millions but may touch billions", he added.



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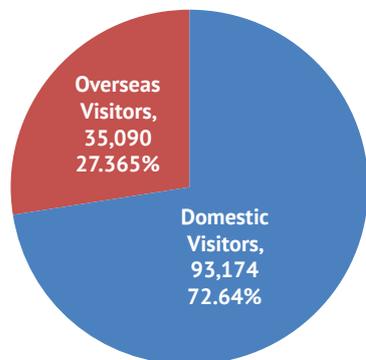
Visitors' Enthusiasm Beats the Weather

Visitors Turnout Registers Double Digit Growth at CHINAPLAS 2015

CHINAPLAS 2015 closed successfully on 23 May 2015 with a **BIG SUCCESS**

with the number of visitors surpassing the last exhibition held in Guangzhou in 2013, despite the bad weather that caused flight and train disruptions during the show period.

The heavy downpours could not cool down the determination of visitors to come to the show. The Asia's largest and the world's second largest plastics and rubber trade fair held on 20-23 May attracted a total of 128,264 visitors. The visitors peaked on the second day, as 49,732 visitors attended the show in a day. As CHINAPLAS has been well-recognized by the plastics and rubber industries as well as their downstream sectors globally, the show welcomed this year 35,090 overseas visitors, representing 27.36% of the total. They came from 137 countries and regions with India, Hong Kong, South Korea, Taiwan, Indonesia, Vietnam, Thailand, Iran, Malaysia and Japan as the top ten origins. As compared with the show held in Guangzhou in 2013, the show registered a 12.41% growth in visitors, while the number of overseas visitors rose by 14.04%.



Apart from the impressive visitor figures, CHINAPLAS 2015 also marked new records in the show scale in terms of exhibition area and number of exhibitors over the past editions. This year, 3,275 exhibitors from 39 countries and regions participated in the show, of which over 700 exhibitors joined CHINAPLAS for the first time, representing over 20% of total exhibitors. The show also marked unprecedented exhibition area, with floor space over 240,000 sqm, up 9% compared to the last edition, with the exhibitors' number up more than 10%.

Ada Leung, General Manager of Adsale Exhibition Services Ltd., the organizer of CHINAPLAS, said,

“*The majority of our exhibitors are very happy with the visitor quality and their participation results. Despite the heavy rain during the show, the fairground remained busy with business networking and technological exchange activities. At the same time, we have received many positive feedbacks from the visitors that the technology levels of exhibits and the quality of the show have kept on rising.*”

"As the show organizer," she added,

“We are very glad to see that the global plastics and rubber industries have fully recognized CHINAPLAS as an effective platform for technology and trade promotion, and for the setting of market trends.”

The show received compliments from both exhibitors and visitors. Exhibitors were satisfied with the high quality visitors coming from different countries.

"It has been a very busy CHINAPLAS, probably one of the best of the last 5-6 years in terms of quality of companies and credibility of visitors - mostly purchasing people and decision makers - who knew exactly what they were looking for and in a position to buy. The facilities and logistics around the show have been first class and the whole operation has been incredibly smooth. We have already expressed our interest in signing up for the next CHINAPLAS held in Shanghai," said Mr. Eddie Grant



CHINAPLAS 2015 four-day attendance

The Aerogen Company Ltd.

"NatureWorks has been participating in CHINAPLAS since 2011. It's a very good platform for us to meet with potential customers and supply chain partners. At the same time, it provided an opportunity for us to showcase the latest bioplastics innovations made with Ingeo to the visitors coming from all over the world. It's a show not just we cannot miss, but you too!" commented Ms Pauline Ning, Marketing Manager, Marketing & Communications Asia Pacific, NatureWorks LLC.



CHINAPLAS 2015 four-day attendance

Besides, visitors acknowledged CHINAPLAS as the professional sourcing platform in the industry.

Victor Zhang, General Manager, Visource (HK) Limited said "CHINAPLAS is a very professional exhibition. I noticed that the booths of Chinese enterprises are bigger than ever. It means that the gap between Chinese enterprises and global giants is narrowing."

Mr. Esat TAS, Managing Director of ENPA from Turkey said, "CHINAPLAS is the fair worth coming and worth my time. The exhibits are very comprehensive. The quality of people and companies of this show are getting better and better." Similar contentment was also found among the domestic visitors. "CHINAPLAS is a very professional and a comprehensive show in plastics and rubber industries. I can see there are new technologies and new highlights every year. This year, the Industrial Automation Zone in particular has inspired me with a lot of new ideas to improve my existing production facilities," said Miss Hu Huifang, Head of Production, OPPL Lighting (Zhongshan) CHINAPLAS 2016 will celebrate its 30th edition next year and will be held on 25-28 April, 2016 at Shanghai New International Expo Centre, Shanghai, PR China. For more show photos and exhibitors' press releases, please visit www.ChinaplasOnline.com.

Agricultural Films Market to Grow at 7.6% CAGR 2013-2019

The global agricultural films market, driven by decreasing availability of arable land and growing food demand for food, is expected to grow at a robust 7.6% compounded annual growth rate (CAGR) from 2013 to 2019. This was stated in a new report released by U.S.-based market research and intelligence firm Transparency Market Research (TMR).

The market was calculated to have generated annual revenue of US\$5.87 billion in 2012, which is expected to grow to US\$9.66 billion by 2019 if the given CAGR holds true.

According to the report, the steady growth of the global population has had an effect on agriculture, leaving it in a vicious cycle: while the nutrient content of arable lands has due to rising exploitation, food demand has steadily risen, further escalating the toll on available lands. This has given rise to various agricultural innovations to increase the productivity of available land and make production of food more effective than would be possible through purely conventional means.

Agricultural films are applied on soil, fodder, and produce to derive various benefits specific to each application. Agricultural films applied on soil reduce soil erosion and preserve nutrient content, while agricultural films on fodder and produce prevent spoilage by acting as a barrier to microbial action. Soil agricultural films also aid growth of the plant by raising the temperature of the soil, thus making it more hospitable. These benefits of agricultural films to the aim of raising food production at minimal elevation of resource expenditure are driving the global market for agricultural films," states TMR's lead analyst.

China agricultural film market volume estimate and forecast, by product, 2012 – 2019 (Kilo tons)

Product	2012	2013	2014	2015	2016	2017	2018	2019	CAGR % (2013 – 2019)
LDPE	462.6	XX							
LLDPE	1769.8	XX							
HDPE	217.0	XX							
EVA/EBA	54.1	XX							
Reclaims	93.8	XX							
Others	122.1	XX							

Source: ICIS, Journal of Plastic Film & Sheeting, Platts, Plasteam Magazine, Company Annual Reports, Primary Interviews, Transparency Market Research

Greenhouse, silage, and mulching are the three major applications of agricultural films, of which mulching occupies a dominant 40% share. Greenhouse applications of agricultural films are expected to expand in the forecast period. Of the product types available in the global agricultural films market, low-density polyethylene (LDPE) agricultural films held a majority share of 55% in the global agricultural films market. LDPE films are expected to retain their dominance over other product segments of the agricultural films market, such as high-density polyethylene, ethyl vinyl acetate, linear LDPE, ethylene butyl acrylate, reclaims, and others.

China is a major manufacturing hub of agricultural films and dominates the regional landscape of the global agricultural films market. The Middle East is also a significant regional segment of the global agricultural films market, due to the prevalence of arid lands in the region. Other regional segments of the global market are also profiled in the report to examine the dominance of each product type and application in the region in the forecast period.



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K-Group Appointed Agents for Prime Blade

PrimeBlade – the Swedish Doctor Blade have appointed K-Group of Companies - Pakistan's leading company – as their Exclusive Agents for the territory of Pakistan.

PrimeBlade Sweden AB is a global manufacturer and supplier of Doctor Blades for Flexo, Gravure, Offset Printers, and Coating Applications. Together with their Swedish raw material supplier and end users the doctor blade is produced to improve production quality, blade life, and to increase machine speeds. The pre-ground blades have radius-ground edges, enhancing blade functionality. The blade and cylinders last longer than conventional blades. The pressure exerted by the blade on the cylinders is constant, eliminating uneven blade wear.

The company was formed by a dedicated team with long experience from the printing, doctor blade and steel industry. According to the company, their goal is to help their clients improve their business by continuously developing new and innovative products for them and delivering renowned service.

The printing, coating and packaging industries demands are constantly increasing to optimize blade lifetimes and achieve higher and more consistent quality. To meet these demands Prime Blade have developed a new technology for grinding and polishing, XM-Technology. This technology optimizes the lamella properties and tolerances.



K-Group Appointed Agents for ACIGRAF and REPROCHEM

ACIGRAF and REPROCHEM, two companies at the forefront in the production of Machineries and Consumables for the preparation of Gravure Cylinders have appointed K-Group of Companies - Pakistan's leading company – as their Exclusive Agents for the territory of Pakistan.

In the recent years, Acigraf and Reprochem have invested heavily in the research and development; the results obtained by the Superfast ("Simultaneous" Cutting and Polishing machine) and Acilaser (Laser Engraving Machine for Rotogravure Cylinders) are evidenced by the appreciations of our customers.

Acigraf is a glorious name in the history of rotogravure: an Italian company famed throughout the world, which made a unique contribution to the development of new advanced Photoengraving Systems in the 1960s and 70s.

Since 1963 till now a lot has changed for Acigraf, an old name that was completely renewed in 1985 when it was bought by Reprochem. Now, 30 years on from the establishment of the new Acigraf, the results are much better than ever expected.

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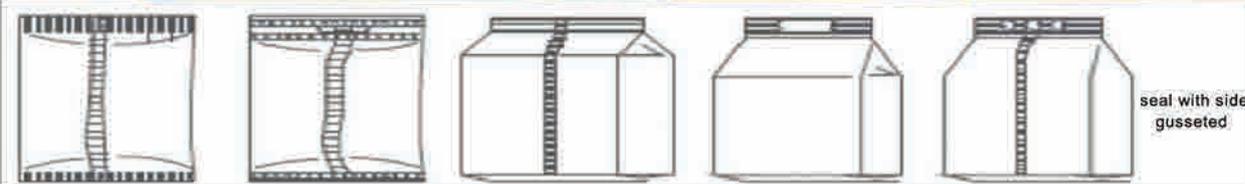
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