



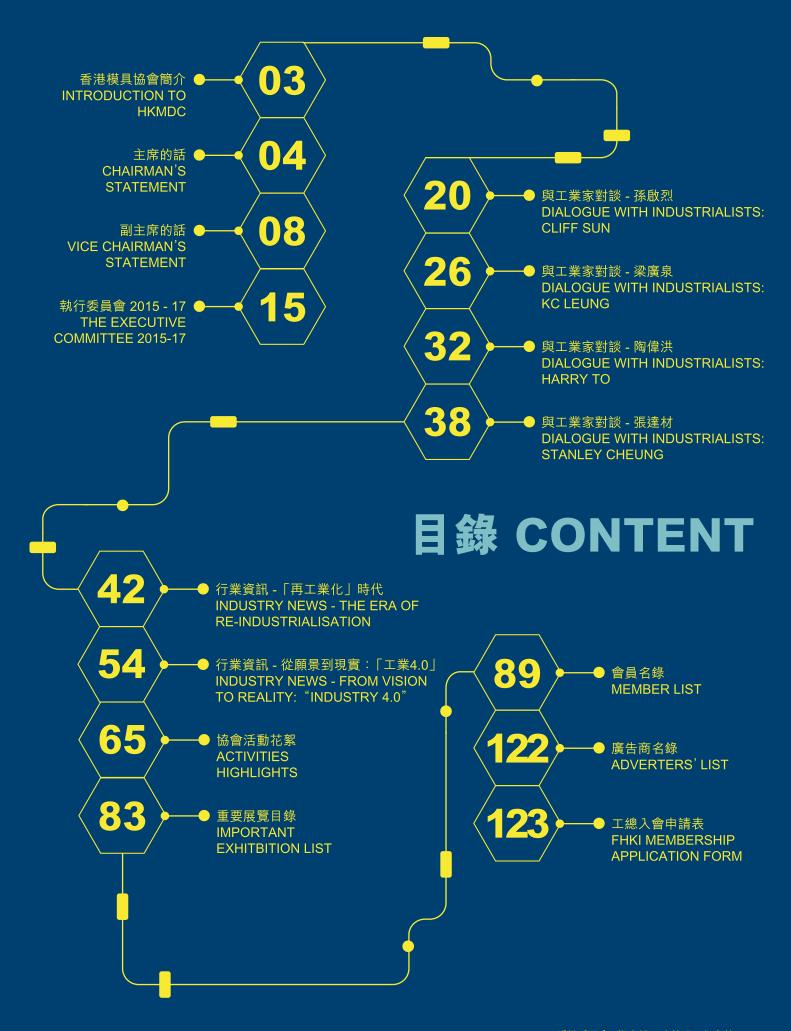
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香港模具協會簡介

INTRODUCTION TO HONG KONG MOULD AND DIE COUNCIL

香港模具協會於1989年成立,並隸屬於香港工業總會轄下的第14分組。從成立至今,香港模具協會已經服務本港模具業界逾27年,期間一直致力促進本港模具業界的交流,並向政府反映行業的需要。時至今日,香港模具協會已經發展成為本港模具業界當中,最具代表性的工商業組織之一。

香港模具協會的宗旨如下:

- 促進本港模具業利益
- 提高模具業技術水平,加強在海外的競爭能力
- 組織與模具業利益相關的重要活動
- 向協會會員發佈有關資料
- 向有關政府部門反映模具業的意見

香港模具協會現時有超過100名會員,並由2015-17 年度的主席楊悰傑博士及副主席蔡俊杰先生的率領之下,籌組了由30位執行委員所組成的執行委員會; 而執行委員會則按所需,再細分為5個小組委員會, 來分別進行不同的活動,包括了:內地及海外事務委員會、傳訊及社交媒體委員會、會員關係委員會、 跨行業網絡委員會及教育及技術發展委員會。

為了進一步促進會務及會員之間的溝通,香港模具協會更於今年全面更新其官方網站,並會定期透過該網站與會員分享最新的行業資訊。如欲了解更多關於香港模具協會或模具業界的資訊,歡迎瀏覽http://www.hkmdc.org.hk。

香港模具協會 Hong Kong Mould & Die Council

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電話 Tel: (852) 2732 3188 傳真 Fax: (852) 2721 3494 電郵 Email: hkmdc@fhki.org.hk 網頁 Website: www.hkmdc.org.hk Hong Kong Mould and Die Council, established in 1989 as Group 14 under the auspices of the Federation of Hong Kong Industries, aims at serving the industry's needs for more than 27 years. It facilitates the interaction between members within the industry, and also acts as a channel to voice up industry's need to the Government. Nowadays, the Council has become one of the major associations to represent the common interests of the mould and die industry in Hong Kong.

The objectives of Hong Kong Mould and Die Council are listed as follows:

- To promote the interests of the Hong Kong mould and die industry
- To upgrade the technological level of the mould and die industry and to strengthen its competitiveness overseas
- To organize activities of interest and importance to the mould and die industry
- To disseminate relevant information to fellow members
- To represent the best interests of the mould and die industry and to advise the Government on matters related to the industry

Currently the Council has more than 100 company members led by Dr Jack Yeung, the Chairman, and Mr Felix Choi, the Vice-chairman, for the year 2015-17. An executive council with 30 executive members is established to organize various events and activities, and it is further split into 5 sub-committees based on the nature of events and activities, namely, Mainland & Overseas Affairs Committee, Public Communication & Social Media Committee, Membership Relations Committee, Cross Network Committee and Education & Technological Development Committee.

To further facilitate the Council's execution and the communication among members, the Council enhances the contents of its official website this year, in order to provide members a full grasp of industry updates. For more information about the Council and the news updates of the mould and die industry, please visit: http://www.hkmdc.org.hk.



CHAIRMAN'S STATEMENT

Manufacturing sector, including the mould and die industry, has faced critical challenges since 2015. Hong Kong manufacturers are striving for competitive edges under sluggish exports and fierce competition in domestic market.

not only can escalate the molding quality, stability and design feasibility, but also minimize the development cost with shorter cycle, thus speeding-up the launching of end-product. Therefore, Hong Kong Mould and Die Council ("the Council") has proactively collaborated

Exports from the Mainland and Hong Kong have diminished since late 2014. China export in dollars fell by 7.1% in Jan-Aug 2016, which is more than the 2.9% drop in 2015. Coincidentally, the merchandise export from Hong Kong in Jan-Jul 2016, following a 1.8% drop in 2015, further decreased by 4.1% in terms of dollars. The slack of merchandise export is reflecting lessen demand for mould and die due to weaker export of manufacturing products. According to China Customs statistics, China's mould and die export declined 5% year-on-year from 2015 to 2016. We forecast the mould and die export will be adversely affected by lackluster demand and severe business environment in 2016.

Despite the pessimistic business environment, Hong Kong may recapture the opportunity to develop the high-end mould and die market. According to the 2016 Blue Book of "Made-in China 2025", global manufacturing industry is undergoing transformation with regards to the dynamic cost factors of intelligent technology, workforce, energy and logistics etc. No doubt low cost regions like ASEAN and Eastern Europe could attract some corporations to swift their factories there. However, the tendency for MNCs to recoup its manufacturing base in developed countries is definitely a more important sign to us. In the consumer-led market nowadays, inherent quality and stability override low cost production, giving light to the industry.

In this respect, to sharpen our keenness in the high-end market, we should focus on two key areas: to upgrade technology and production efficiency; and to explore new business opportunity through cross-industries collaboration.

On the technical side, we encourage the industry to boost efficiency by fostering the ultra-precision and high-speed processing techniques. This can ultimately elevate both our global competitiveness and the capability to be "high Value-added supplier" in long run. In the face of "Industry 4.0" and "Made-in China 2025", we can flexibly adopt all sorts of advanced tools, including mold-flow analysis, production management software, intelligent automation facilitates and metal 3D printing technology. These evolved technologies

not only can escalate the molding quality, stability and design feasibility, but also minimize the development cost with shorter cycle, thus speeding-up the launching of end-product. Therefore, Hong Kong Mould and Die Council ("the Council") has proactively collaborated with metal, plastics, automation, universities, Hong Kong Productivity Council and other R&D institutions. Through various supports and sharing across industries, new technologies could be developed, achieving the goal of "upgrade".

Separately, the Council is dedicated to strengthen the connection with other manufacturing industries as a good rapport. On one hand, the industry can keep in pace with contemporary products and cuttingedge technologies. On the other hand, individual corporations can provide value-added services to assorted industries with our molding experience, attaining better product quality. In line with our mission "Collaborating Across Industries Exploring Creative Synergies · Capturing New Opportunities", we have initiated various platforms, including crossgroups factory visits, annual showcases cocktail and dinner, the revamped website and WeChat group, to facilitate cross networking with electrical appliances, electronics, metal, design and automation industries, hence vibrating the industry with new paradigm.

Hong Kong manufacturers have developed its mould and die industry in the Mainland for more than 40 years and could never be falling apart. To confront with the rapid technological development in the Mainland and the shifting global market, we have to solidify ties between the two places, exchanging views and facilitating benign competition for a sustainable business environment. Having strong bond with China Die & Mould Industry Association, the Council will continue to work closer for the industry and get latest domestic information for the industry.

Moving forward to 2017, on behalf of the Council, I wish all the friends and supporters in the industry will step forward to grasp every splendid opportunity and start a new chapter together.



Jack Yeung
HKMDC Chairman 2015-17

主席的話

因此,我們認為要保持模具業界在高端市場的競爭力。 有兩項首要目標。一是技術及提升效能,二是透過跨 行業協作發掘新的商機

的實力。迎接「工業4.0」與「中國製造2025」 自動化行業,以及大專院校、香港生產力促進局及科 研機構等合作,透過項目支持及交流,共同開拓有利

產品及尖端科技,另方面,鼓勵企 承接去年協會的方向,「跨越界限‧創新領域‧開拓

2015年至今,模具業及整體製造業面對重重挑戰。 晚宴、全新協會網站及微信群組,連繫家電、電子、

並肩努力,抓緊機遇,邁步向前,揭開新的一頁



香港模具協會主席 2015-17



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VICE CHAIRMAN'S STATEMENT

Since last year, Hong Kong Mould and Die Mr. Gregory So as the guest-of-honour. Representatives Council (HKMDC) has fostered the objective of IoTs and start-up companies were invited to show of "Collaborating Across Industries Exploring Creative Synergies · Capturing New Opportunities". We hope to assist member in exploring the mainland and global markets, and increase industry bonding through cross-industry factory visit, bringing infinite business opportunities to Hong Kong Mould and Die industry. Since July 2015, Looking to the future, HKMDC will continue to HKMDC has arranged 7 visits and 3 engagement activities. I am pleased to report that all activities were well appreciated by the members.

During the year, HKMDC has arranged visits with different industry groups and associations, allowing members to observe the business model and corporate culture in different sectors, also to exchange views and future trend with other industries. We hope to inspire members to become more creative and innovative in their operation. In April and August 2016, HKMDC has arranged manufacturing plant visits of molding, metal, auto parts molding and intelligent manufacturing of air conditioning. We hope members can understand the intimate relationship between molding and other industry chain, so as to spark the mould and die industry.

With the aim of keeping members abreast with the latest technologies and breakthroughs, HKMDC has arranged visit with kindred organizations and institutions, including the "Smart Living@Science Park" exhibition, HKPC's 3D Printing One and Conformal Cooling Technology Centre, research facilities in PolyU and HKU etc, aiming to provide opportunities for members to obtain first hand market intelligence of innovative technologies.

In terms of membership relations, five companies from HKMDC and Hong Kong Diecasting and Foundry Association participated in HKMDC Basketball Championship 2016. We hope to strengthen cohesion among members and inspire cross industry collaboration through a different form of engagement. Besides, in order to establish a closer relationship with other industries and start-up companies, HKMDC hosted a joint dinner with the Hong Kong Plastics Industry Council and invited Commerce & Economic Development,

case at the cocktail session. Similar practice has been applied in HKMDC Spring Dinner 2016, moulds suppliers were invited to present their new products and technology prior the dinner, the atmosphere of both dinners is warm and lively.

offer a variety of exchange activities to our members. In line with our mission, "Collaborating Across Industries · Exploring Creative Synergies · Capturing New Opportunities", we will bring our members to open up and advance new frontiers in the industry. and let our best lead us to the future.

In order to keep up with the changing markets, most companies have started Industry 4.0 implementation plans and business models. At this moment, I believed that the key challenge of manufacturers and companies is how the existing equipment and information systems can be gradually integrated. More challenges are yet to come; it will not beat us but only make us stronger. If we stay professional and focused, I believe all of us could find our own path for development.

At last. I would like to take this chance to wish HKMDC thriving and the industry booming in the future!



Felix Choi HKMDC Vice Chairman 2015-17



副主席的話

自去年開始,香港模具協會圍繞「跨越界限‧創新領 域 · 開拓商機 」的發展方向, 致力協助會員拓展內地 及環球市場,並透過跨行業活動加強模協會員與不同 行業的商務聯繫。去年七月至今,模協已安排七次參 觀及三次聯誼活動,本人欣然報告,所有活動均獲得 會員一致好評。

模協於過去一年定期於香港及內地不同地方舉辦參觀 活動,與工總內外不同行業分組或協會合作,拜訪其 他行業的廠房,讓會員從中觀摩不同行業的營運模式 及企業文化,及與不同行業的會員交流心得、營商環 合性的營運模式。今年四月及八月,模協安排會員分 別參觀模具、金屬、精密汽車車燈模具及空調設備智 能生產廠房,從而了解模具與各產業鏈之間密不可分 的關係,繼而為模具業激盪出更多的火花。

此外,為了令會員認識更多創新技術的發展趨勢 緊貼時代的步伐,模協與一眾友好機構及院校合作 舉辦多次參觀活動,分別到訪香港科技園公司全新 的《智慧生活@科學園》展覽、香港生產力促進局的 「3D打印體驗廊」及「隨形冷卻技術中心」、香港理工 大學及香港大學的研究設施等,讓會員藉由智慧科技 開創新興產業,為模具業帶來無限大的可能

在會員關係方面,今年籃球錦標賽共有五家會員公司 參加,我們更榮幸邀得香港鑄造業總會派出隊伍作賽 模協希望透過運動競技的形式,加強會員間的凝聚力 以及為跨行業建立一個交流平台。2015年模協與香港 會 的 聯 合 晚 宴 , 以 促 進 業 界 與 不 同 行 業 及 業互動交流為主題,蒙 商務及經濟發展局的協 助,協會邀請不同領域如產品設計、物聯網及創新企 業的代表,於雞尾酒會期間向來賓展示其產品,來賓 對展品深感興趣,紛紛駐足觀賞。延續聯合晚宴的氣 氛,模協於2016年香港模具協會春茗晚宴,亦邀請到 模具配套供應商於場內展示產品及新技術,促進彼此 交流,現場氣氛甚為熱烈。

放眼將來,我們將承接往年的經驗,為模協會員安排 更多不同類型的交流活動,並以「跨越界限‧創新領 域、開拓商機」作為大方向,帶領香港的模具業的同 仁邁步向前,開拓新領域時,同時也要聚焦,專注做 自己最擅長的部分,憑專業成大業。

隨著市場變化,不少企業已開始向「工業4.0」的方向 業,還是正在升級轉型的中小企業,只要堅持「精、專、 強」的路線發展,定能找到自身的發展空間

最後,祝願模協會務興隆,模具業界生意興隆,技術



香港模具協會副主席 2015-17

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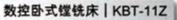
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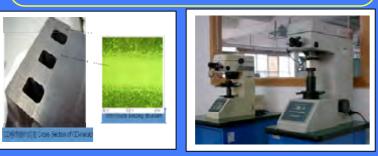
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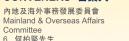
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TRIALIST

與工業家對談 - 孫啟烈 DIALOGUE WITH INDUSTRIALISTS: CLIFF SUN



營運家族企業的方法可以有千百樣,但能夠帶領公司大膽創新,並且做到因時制宜的人,總有一些 共通的特質。孫氏父子三代,正正展現這種高瞻遠矚、領先求變的家族精神。倘若他們當初沒有早 著先機,憑著幹勁勇敢踏出那一步,今天又怎能看到這個成功故事…

There are thousands of ways to run a family business. But there are usually a few traits that people bold enough to lead a company on an innovative path and take action to do what is necessary have in common. And it is this visionary insight and innovative spirit that three generations of Sun men have possessed. Their success story can be told today thanks to their drive to take the courageous steps when they did and gain a head start on others.

求新求變的孫氏父子

1948年孫啟烈的父親孫建超毅然從上海來到香港發展,短短一年創業,逐步建立建業金方五金機器廠。早於1953年,孫父已經開始為公司研發及設計新產品,包括祭神塑膠茶杯、塑膠電筒、錢罌及雙層保溫隔熱杯等。在當時的商品市場來說,都是非常前衛創新,一推出便廣受歡迎。

The Innovative Sun Clan

In 1948, Cliff Sun's father Sun Gin Chiu decided to relocate from Shanghai to Hong Kong to make his fortune. In less than a year, he had set up a business, which grew to become the Kin Yip Metal and Plastic Factory. In 1953, the elder Sun was already researching and designing new products for the company, including plastic ritual cups, plastic flashlights, piggy banks, and double-layer insulated cups. Compared to what else was on the market at the time, these were innovative products that became instant hits.

孫父敏鋭的觸覺,嶄新的設計,成功揭開企業光輝的一 頁;孫啟烈亦憑藉其見識、膽識及創意,擔當承先啟後 的重要角色,繼續為企業賦予强大的生命力。

孫啟烈於1978年從加拿大返港投身家族生意,僅僅一年便應華潤公司的建議到廣東地區發展加工貿易,引領工廠生產線北移,成為行內的先軀。同年,孫啟烈開始構思建立「KINOX建樂士」品牌,更隨即於1980年在英國、北京註冊商標及品牌。當時,公司以耐高溫塑膠配合不鏽鋼底部的獨特設計,推出「不碎耐高温美式咖啡壺」,深受歐美市場歡迎。孫啟烈還實踐「知識型管理方法」,運用科技進行管理革新。他憶述當年曾親自購置Apple II電腦,教導員工整存各類報表及紀錄,以便日後分析工廠業務狀況。這種求新求變,行事果斷的作風,成為企業成功持續發展的關鍵。

到內地尋找另一片天

1979年到南海開展的三來一補的補償貿易,孫啟烈形容雖然具先驅優勢,但過程總是別具挑戰。其後在東莞等地設置來料加工廠,並於1988年在深圳興建大規模的現代化的獨資企業,珠三角從此成為孫啟烈發展的大本營。

隨著深圳在回歸後急促發展,珠三角150公里半徑範圍內集結了數十萬家製造企業,年工業產值超過二萬億人民幣,卻沒有一個平台,把供應商、製造商、買家及分銷商連繫起來。有見及此,孫啟烈在2002年與四位香港企業家一起創立了「華南國際工業原料城」,將分散的專業市場進行集中整合,實現創造中國的優質物流交易中心之夢想。當時,這是一個為業界所津津樂道的創新意念,以致後來以深圳華南城為藍本的「新式商貿物流中心」輻射全國各地,南寧、南昌、西安、河源等地的華南城也紛紛仿傚。

說到未來的發展模式,孫啟烈與我們分享他與小兒子在 前海發展的新業務一「星利源」快速消費品物流供應鍵 管理系統,以靈活的交易結算模式,將傳統產業鏈升級 轉型,結合「互聯網+」的概念,化身為智能化營運平 台。從2015年7月1投入至今,現時「星利源」每日的 營業額可達至一百萬人民幣,孫啟烈對此新業務前景非 常樂觀。 Sun Gin Chiu's keen business acumen and innovative designs helped launch a glorious chapter in the company's history. And thanks to his insight, courage, and creativity, Cliff Sun was able to take the reins from his father and lead the company to continued success.

Cliff Sun joined the family business in 1978 returning to Hong Kong from Canada. Just a year later he took the company into the processing trade in the Guangdong region on the advice of China Resources and moved his factory production lines to Mainland China, earning him the reputation as an industry pioneer. The same year, Sun conceived the idea of the KINOX brand and in 1980 registered the trademark and brand in the UK and Beijing. The company launched an "American-diner style" shatterproof heat resistant coffee jug. It had a unique design that used heat resistant plastic and a metal base. It took the European and American markets by storm. Sun also implemented a "knowledge-based management approach," using technology to reform management. He recalls buying an Apple II computer and teaching his workers to save various reports and records on it so they could analyse the running of the factory. His innovative ideas and decisive style became key to the company's sustainable development.

Expanding the Business in China

In 1979, Cliff Sun went to Nanhai to develop a compensation trading business. He describes how although he had a first-mover's advantage, he met unique challenges during the process. Later, he set up processing plants in Dongguan and a number of other locations and in 1988 he established a large-scale modern wholly-owned enterprise in Shenzhen. The Pearl River Delta became a focus of his business development.

With Shenzhen developing rapidly following the Handover, hundreds of thousands of manufacturing companies were springing up in the 150km-wide Pearl River Delta area, and annual industrial output grew to over two trillion Yuan. However, there wasn't a platform connecting suppliers, manufacturers, buyers and distributors. In light of this, Sun founded China South City in Shenzhen with four other Hong Kong entrepreneurs to integrate the disbursed specialist market, realizing a dream to build a high-quality trade center in China. This innovative idea became the talk of the industry, and the new trade center model pioneered at China South City was replicated across the nation in such places as Nanning, Nanchang, Xian, and Heyuan.

In regard to development models for the future, Sun talked about Synergy, a new service based in Qianhai that Sun is developing with his youngest son. The FMCG logistics and supply chain management system utilizes a flexible trade settlement model that transforms the traditional industrial chain and integrates the concept of "Internet+" to provide a smart service platform. The platform has been active since July 1, 2015 and now turns over up to a million Yuan a day. Sun is very optimistic about the future of this new venture.



回饋社會 建構未來

孫啟烈十分重視企業社會責任,認為是企業持續發展的動力;就個人而言,擔任公職,回饋社會,亦增長其見識,豐富了人生閱歷,並為能夠「取之社會,用之社會」感到欣慰及滿足。

2009年孫啟烈擔任香港工業總會主席,積極推動業界應用創意和科技,進行升級轉型。剛好兒子由海外回港協助處理家族生意,便開始花更多時間參與社會事務。事實上,自2002年起,孫啟烈已開始擔任各項公職,為業界發聲,出謀獻策;包括香港出口商會主席、香港塑膠業廠商會有限公司會長、香港貿易展局理事、香港澳洲華人協會會長等。孫啟烈更分別於2003年及2006年被香港特別行政區政府委任為太平紳士,與及獲頒授銅紫荊星章,肯定他對香港作出的貢獻。在內地發展多年,孫啟烈亦參與許多內地事務,擔任中國僑商投資企業協會常務理事、廣東省僑商投資企業協會監事長、深圳市外商投資企業協會常務副會長,更曾任中國人民政治協商會議第一、二、三屆深圳市政協常務委員。

對於香港與內地的未來發展,孫啟烈有深刻獨到的見解。「中國的版圖很大,很難由單一個城市一支獨秀。上海固然是國家發展的重點,但目前深圳前景理想,增長空間大,連帶的需求配套怎可能不被輻射?」孫啟烈因此提出要做好牧鄰工作,透過共同協商,保持香港的優勢。港深珠澳四地各自擁有優勢與不足,應該互相利用及借鏡,打造成一個強大的經濟帶,達致「四贏」的局面。

訪問中,孫啟烈分享與數位香港中學生於2015年到寧波考察後的聚會,問及他們畢業後是否願意到內地發展事業,出席的中學生均點頭如搗蒜,原因在於親身到訪寧波後,癲覆了他們以往對「內地」的認知,發現內地的經濟環境比他們所想像的好,而且發展速度快和機會多。孫啟烈認為,年輕一代需要放開懷抱,勇於探索新事物,未來的發展空間才會更闊更廣。

Giving Back to Society and Building the Future

Cliff Sun is a strong believer in the importance of corporate social responsibility and regards it as the driving force of a company's sustainable development. He believes that through working in public positions, one can give back to society, as well as expand one's knowledge and enrich one's life experience, not to mention gain a sense of enjoyment and fulfilment from "giving back to society using what you have gained from society".

In 2009, Cliff Sun served as chairman of the Federation of Hong Kong Industries and promoted upgradation and transformation of the industry through innovation and technology. Sun's son had just returned to Hong Kong from overseas to help with the family business, leaving him more time to devote to social work. In fact, Sun began serving in several public bodies in 2002, acting as an industry spokesperson and devising plans and strategies. These included chairman of the Hong Kong Exporters' Association, president of the Hong Kong Plastics Manufacturers Association, director of the Hong Kong Trade Development Council, director of the Vocational Training Council, and president of the Australian Chinese Association of Hong Kong.

Sun was appointed Justice of the Peace by the Hong Kong Special Administration Region twice, in 2003 and 2006, and was awarded the Bronze Bauhinia Star, affirming his contributions to Hong Kong. Having been active in China for many years, Sun has also been involved in a number of organizations there, including as executive director of the China Overseas Entrepreneurs Association, chief supervisor of the Guangdong Overseas Chinese Enterprises Association, and executive vice president of the Shenzhen Association of Enterprises with Foreign Investment. He has also acted as a Standing Member for Shenzhen at the 1st, 2nd, and 3rd Chinese People's Political Consultative Conference.

Cliff Sun has profound insight when it comes to the future development of Hong Kong and China. According to Sun, "China is such a vast territory that it is impossible for just one city to hog the limelight forever. While Shanghai is of course a focus of national development, Shenzhen has an excellent outlook with large room for growth. How could we not benefit from supporting the requirements that that growth will bring?" Cliff therefore advises that it is important to maintain good links with Shenzhen and maintain Hong Kong's strength through dialogue and consultation. The four cities of Hong Kong, Shenzhen, Zhuhai, and Macao each have their particular strengths and weaknesses, and they should leverage and learn from each other's strengths so that they can establish a powerful economic belt and achieve a "quadruple-win" situation.

During the interview, Cliff Sun told of how in 2015 he met a number of Hong Kong middle school students while they were visiting Ningbo on a post-exam trip. He asked them whether they would consider moving to China after graduation to work and develop their careers. The students nodded enthusiastically because after visiting Ningbo their preconceptions about the "Mainland" had been overturned. They had realised that China's economic conditions were better than they had imagined and the economy was growing rapidly and opportunities were plentiful. Cliff Sun believes that in order to have more opportunities to develop in future young people need to maintain an open mind and have the courage to explore new things.

從H1到14分組

香港模具協會成立初期,香港工業總會以英文字母來將不同工業分組,而模協被歸納於金屬分組H內,編為H1。身為香港模具協會的第一任主席,孫啟烈指,模協由1989年成立至今,一直都是最有「生命力」的協會之一。模協每一屆執行委員會都非常積極籌備各類型活動,從企業互訪交流,以至籃球比賽等的非業務性交流,都得到一眾會員熱情的參與和支持,令模協的「生命力」在這27年間從未間斷。

孫啟烈認為,模具業是一行獨特而無可取替的行業,與 其他工業的關係非常密切。孫啟烈表示,隨著時代的演 進,過去大量生產的傳統模式已不敷需求,因此現今的 商品必須開發高附加值產品為前提,配合嶄新的技術, 自動化的生產,發掘新的經營模式及高端服務,以滿足 不同消費者的認同與需求。

寄語未來,作為一個企業的成功傳承者,孫啟烈指香港 模具協會,應由新一代憑知識及幹勁去發揮,以獨到眼 光,發掘創新思路,帶領業界向前發展。我們相信這亦 是「孫氏家族」一直賴以成功的秘訣。

From Vital Beginnings to a Bright Future

When the Hong Kong Mould & Die Council (HKMDC) was established in 1989, the Federation of Hong Kong Industries categorised different industries by letter, and HKMDC was designated with the code H1 as it was grouped with metals in group H. Cliff Sun, who was the first chairman of the association, says that it has always been one of the most "lively" groups since its establishment. Every new term of HKMDC executive committee is extremely active in organizing different types of activities, from business exchange visits to non-business exchanges like basketball competitions. What is more, all the activities arranged by the committee attract the enthusiastic participation and support of association members, which has helped to keep the "vitality" of the association strong for 27 years.

Cliff Sun believes that the mould industry is a unique and indispensable sector that is closely linked to other industries. He believes that as times have changed, there is no longer any requirement for the traditional mass-produced model of the past. To cater to the identities and needs of different consumers today calls for high-value added products, use of new technology, automated production, new business models and high-end service.

As someone who has successfully taken over the reins of a business, Cliff Sun advises the HKMDC in the future to leverage the expertise and motivation of the new generation and lead the industry towards future growth with unique insight and innovative thinking. We believe that this has been the secret to the Sun clan's success all along.

Kinox

The Brand to Trust



Kinox 於 1949 年在香港創立,到現在已經超過 60 年歷史。建樂士一向以品質見稱,在餐 館、酒店等服務性行業中備受青睐、經過多年來不斷開發、品牌一直處於該行業的領導地位。 其中保溫咖啡壺和不銹鋼餐飲器皿更是暢銷全球的王牌產品。保溫咖啡壺及塑膠保溫壺均採用 優質進口食品級材料製成,具高度的防碎性,無毒無味安全衛生,為餐飲行業提供令人滿意 的質素。







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與工業家對談 - 梁廣泉 DIALOGUE WITH INDUSTRIALISTS: KC LEUNG



香港自1980年代起,愈來愈少年輕一代投身工程界,導致業界出現青黃不接的情況。作為香港註冊工程師,及持有工業工程及工商管理雙碩士的梁廣泉先生,坦言亦曾想過棄工從商,但最終把握機會,選擇投身機械工程,服務業界超過四十年。梁廣泉認為行行出狀元,只要「做得好、做得專」,認清自己的定位,終會闖出一番成功事業。

During the 1980s, the engineering industry suffered from a shortage of new engineers as less young Hong Kongers entered the sector. In fact, KC Leung – a registered engineer in Hong Kong and holder of both industrial engineering and business administration masters – himself once gave serious thought to giving up engineering for a life in business. As it turned out, however, he decided to take the opportunity he saw before him and pursue a career in mechanical engineering – the industry he has now served for over four decades. Leung believes that it is possible for a person to distinguish him or herself in any trade, and build a successful career eventually by just "doing a good job and being professional" and being aware of your position.

一生只做一份工

自小於灣仔長大的梁廣泉,每天經過摩利臣山的「紅磚屋」五金工場,總會忍不住爬上欄杆,偷看工場內穿「蛤乸衣」工作的大哥哥,立志長大後要成為他們一份子。六十年代的時候尖子都選讀理科,修讀工程或科學相關的學系。升中之時,他把第一志願的欄位填上維多利亞工業學校(當年俗稱「紅磚屋」),第二志願才是皇仁書院。畢業後在香港大學修讀機械工程學士,希望畢業後成為一名專業的工程師。

One Job for Life

As a boy growing up in Wan Chai, KC Leung used to pass the metal workshop of the "Red-brick House" on Morrison Hill on a daily basis. Each time he passed, he would clamber on to the railings to sneak a look at the boilersuit-clad young men working there. He decided that one day he would become one of them.

In the 1960s, the top students all took scientific subjects, and would attend either the engineering or a science-related department. When it came to apply for high school, Leung put down Victoria Technical School (then commonly known as the "Red-brick House") as his first choice and Queen's College as his second. After high school, he read a bachelor's degree in mechanical engineering at the University of Hong Kong and hoped to become a professional engineer after graduating.

自1974年大學畢業起,梁廣泉加入崇佳工作,當年面試他的人,正是香港工業總會名譽會長鍾士元爵士。梁廣泉起初打算完成一個短期項目後,便到其他顧問工程公司擔任大型機械的顧問工程師,甚至在他於香港中文大學修讀工商管理碩士後,亦曾考慮過轉投金融業,但崇佳給予他相當多的機會,而且當時的董事總經理陳道宣先生亦對他專業的工作表現十分肯定,短期項目一個接一個,由助理工程師不斷獲晉升,自1998年起任職董事總經理至2014年退休。

說到崇佳,可說是當年數一數二的大企業之一,崇佳 前身為「宋氏公司」,宋氏公司於1963年大肆擴充, 由土瓜灣搬到新蒲崗大有街一幅三萬平方呎的地皮, 興建一座十層樓高的工廠,同時改名「崇佳實業有限公司」。崇佳主要業務為手提及家居照明產品之開發, 製造及營銷,自六十代中期起為世界最大的電筒廠, 亦是美國勁量集團之全資附屬公司。崇佳受惠於此 ,能夠接觸大量美國設計,加上採用先進技術和科學管理,當年被稱為「製造業的少林寺」,在崇佳培訓出來 的人材均大獲好評。



香港模具業成就大獎 Hong Kong Mould Industry Achievement Award



In 1974, the same year Leung graduated from university, he started work at Sonca. The man who interviewed him was none other than Sir Sze-yuan Chung, Honorary Chairman of the Federation of Hong Kong Industries. Leung's plan at first was to finish a short-term project at Sonca and then find a position as a large machinery consultant engineer at another consulting engineering company. He also considered at one point switching to finance after completing an MBA at the Chinese University of Hong Kong. However, Sonca provided him with many opportunities and the then-managing director, Mr. Chan Do Suen, was very positive about the professional quality of Leung's work. He took on one short-term project after another and he continued to win promotion after promotion rising quickly from his initial position as assistant engineer. In 1998, he was promoted to managing director, a position he held until retirement in 2014.

Sonca was at the time one of the top large companies in Hong Kong. Formally known as Sonsi Company, the company expanded in 1963, moving from To Kwa Wan to a new 10-story factory constructed on a three-million sq. ft. plot of land on Tai Yu Street in San Po Kong, and changing its name to Sonca Industries Ltd.

Sonca's main business is the development, manufacture, and sales of handheld and home lighting. Sonca has been the world's largest manufacturer of flashlights since the 1960s and it is a wholly-owned subsidiary of the American company Energizer. As a result, Sonca has benefited by handling a large number of US designs, and in combination with its advanced technology and scientific management, the company has earned the moniker the "Shaolin Temple of manufacturing". Employees trained at Sonca are universally well-praised in the industry.

DIALOGUE WITH INDUSTRIALIST

模具工業被稱為「百業之母」,是重要的聯繫工業, 五金模具的歷史源遠流長。當時製造五金件涉及十多個 工序,人工成本很高。隨著塑膠製品於六十年代興起, 一些大型玩具生產商開始從美國購入塑膠模具。由於價 格昂貴以及船期長,因此生產商從維修模具開始,學習 並吸收美國塑膠模具的製造技術,繼而包辦模具設計工 作,從零開始,一步步發展屬於香港的塑膠模具技術。

七十年代尾至八十年代初,塑膠產品製造業開始盛行, 香港大型工廠的數目愈來愈多。起初所有產品的模具製 造都在廠內完成,甚少外判,甚至新款的產品,亦多只 會出口售賣,以保護產品設計。後來模具技術開始專業 化,一些大型工廠鼓勵富有經驗的師傅自立門戶,開設 小型衛星工廠,替他們生產及設計模具,將工序外判以 减輕人工成本。到了八十年代中期,一些技術成熟的小 型工廠更開始出口模具,給香港模具產業帶來突破性的 發展。

模協的由來

1988年,工業署屬下的金屬咨詢委員會根據顧問報告 建議組織行業性商會,以方便政府與業界建立聯繫, 而最先成立的便是模具業。梁廣泉被任命為委員之 一,與另外二人籌備成立模具行業的商會。籌備小 組向三大商會聯繫,包括香港中華總商會、香港中華 廠商聯合會及香港工業總會。在評核過各項條件後 籌備小組最終決定附屬香港工業總會,並於1989年成 立香港模具協會。

香港模具協會第一屆的主席為孫啟烈先生,模協希望能 制定模具質量評級機制,以及透過開設訓練班,培育專 業的模具人材。當時香港模具協會有不同的會員類別 包括個人、學生及企業,成立初期,梁廣泉曾代表香港 模具協會,到訪工業學院(即現時職業訓練局),向工科 學生推廣加入香港模具協會。

From Metals to Plastics

The mould industry – known as "the mother of all industries" - is important because it links many different industries. The history of metal moulds in particular stretches back a long way. Back in the day, manufacturing metal moulds involved more than ten processes and labour costs were high. As plastic products began to become popular during the 1960s, a number of large toy manufacturers started to buy in plastic moulds from the US. Due to their high price tags and the long shipping times, the manufacturers started to study everything they could learn about plastic moulding, beginning with mould maintenance up to manufacturing techniques and mould design. Starting from scratch, these manufacturers began to develop Hong Kong's very own plastic moulding technology.

From the end of the 1970s to the start of the 1980s was a heyday for plastic product manufacturing and the number of large factories in Hong Kong grew. At first, all product mould manufacturing was handled in-house in the factories with very little outsourcing, and many new models of products were only exported to overseas markets to protect the product designs. Later, specialization started to take place within mould techniques and a number of large factories encouraged experienced master workers to set up their own small satellite factories to produce and design moulds for them in order to reduce labour costs by having the processes outsourced. In the mid 1980s, a number of technologically mature small factories started to export moulds, kick starting huge growth in the Hong Kong mould industry.

Origin of the Hong Kong Mould & Die Council

In 1988, the Industry Department's metals advisory committee recommended the formation of trade associations, based on a consulting report, to facilitate the relationship between government and industry. The first association formed was the mould industry's. KC Leung was appointed as a committee member, and along with two others set about making preparations to found a trade association for the mould industry. The preparatory group contacted three major trade associations, including the Chinese General Chamber of Commerce, the Chinese Manufacturers' Association of Hong Kong and the Federation of Hong Kong Industries (FHKI). After assessing each, the preparatory group decided to affiliate with the Federation of Hong Kong Industries and established the Hong Kong Mould & Die Council (HKMDC) in 1989.

HKMDC's first chairman was Mr. Cliff Sun. The council's plan was to develop a mould quality assessment mechanism and offer training to foster mould specialists. At the time, the HKMDC had various membership categories, including individual, student, and enterprise. In the early days, Leung visited the Institute of Technology (now known as the Vocational Training Council) on behalf of the HKMDC to promote the association to engineering students.

新常態 新發展

香港的工業於七、八十年代盛極一時,最風光和興盛的 黄金時期早已過去。香港的工業現正處於升級轉型的階 段,梁廣泉認為,對於傳統模具企業而言,「轉型」會 是大部份企業較容易的選擇,變革核心業務以適應市場 及經營環境的轉變,尋求突破。長遠而言,「升級」卻 更加適合整個模具行業。高技術含量更能突顯經濟優 勢,德國、瑞士等國家正正是最佳例子。倘若,政府能 以政策引入外國專才,配合各大專院校,建立模具科研 中心,香港才可與國際市場接軌,「升級」便比較能夠 實踐。可是,推行此等政策並不容易,「升級」的路定 必比「轉型」更加艱難。

模具應用領域不斷擴大,在機械汽車、電子、家電等傳 統行業的基礎上, 航空航天、新能源、IT、醫療機械等 行業迅速發展,為模具製造業提供了新的市場機遇。梁 廣泉説,香港的模具企業若想在市場上分一杯羹,就必 須固本培元,除了加強培養具有專業知識的團隊,更要 磨練好自身功夫,同時亦要保留核心的設計技術,以提 升企業的在世界上的競爭地位。

後記

當一個行業吃香,代表社會對這個行業十分重視,對 人材需求大增,待遇自然會提升,這是正常現象。梁 ,雖然香港工程師學會的專業會員有資格使 用"Ir"作為頭銜,但工程師在香港的社會地位和待 遇,仍未能與其他專業如醫牛、律師、會計師等看齊。 他期望,工程師有一天能成為受尊重的職業,得到更多 的社會關注和重視。

New Normal New Development

The heyday of industry in Hong Kong in the 1970s and 1980s has now passed. Industry in Hong Kong is undergoing upgradation and transformation. KC Leung believes that when it comes to the traditional mould industry, transformation will be a comparatively easy choice for the majority of businesses. The process will involve transforming core services to adapt to changes in market and business environment, and searching for breakthroughs. But in the long run, upgradation will be a better choice for the overall mould industry. Having advanced technology increases the economic advantages of a country. Germany and Switzerland are perfect examples of this. The government should introduce policies to bring in foreign expertise, and in collaboration with technical colleges, establish a mould research institute, to bring Hong Kong into line with the international market which will make it easier to implement upgradation. However, it will not be easy to push through this kind of policy. Upgradation is certainly a more difficult process than transformation.

The scope of application of moulds continues to grow, and has expanded from traditional industrial use in machinery, automobiles, electronics, and home appliances to other industries, such as aerospace, new energy, IT, and medical equipment, introducing new market opportunities for mould manufacturing. Leung believes that if Hong Kong's mould enterprises wish to grab a share of the market, they need to build on their strengths, reinforce the fostering of teams with expert specialist knowledge, train home-grown talent, and at the same time preserve core design skills. This will increase the competitiveness of Hong Kong businesses on the world stage.

Postscript

When an industry thrives, it represents how society highly values this industry. Demand for skilled workers in such an industry will rise and with it naturally their remuneration. This is a normal phenomenon. But KC Leung believes that although professional members of the Hong Kong Institution of Engineers are eligible to use the title "Ir", engineers' social position and remuneration have not reached parity with other professionals, such as doctors, solicitors, and accountants. He hopes that engineering will one day be a respected profession and receive greater attention and have more importance attached to it.









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與工業家對談

與工業家對談 - 陶偉洪 DIALOGUE WITH INDUSTRIALISTS: HARRY TO



親和力和影響力經常是密不可分,亦是在團體領袖身上的一種獨特力量。陶偉洪在模具業發展的鼎盛時期,分別擔任香港模具協會副主席及主席,憑著其非凡的親和力,連繫香港與內地的模具業界,並在香港金屬製造業協會及多個內地海外團體、協會中積極推動發展工作,為業界作出貢獻。

Affability and influence are often inextricably linked and are unique strengths often possessed by community leaders. Thanks to his extraordinary affability, Harry To – chairman and vice chairman of the Hong Kong Mould & Die Council (HKMDC) in the heyday of the mould industry – helped connect the Hong Kong and China mould industries. He also enthusiastically undertook development work as part of the Hong Kong Metals Manufacturers Association and many China and overseas organizations and associations. Overall, his contributions to the industry are far reaching.

模具業的點滴

從事金屬模具業超過30多年,陶偉洪對辦公室自動化設備、高端電子產品以及汽車部件等產品市場尤為熟識。香港工業自七十年代起以驚人速度發展,輕工業成為當時經濟的重要支柱。由早期的塑膠花,以至後期的玩具、鐘錶、收音機等電子產品,大部份均出口銷售至美國。

Important Moments in the Mould Industry

Having worked in the metal mould industry for over three decades, Harry To is especially familiar with automated office equipment, high-end electronic products and auto parts markets. In the 1970s, industry in Hong Kong started to grow at an incredible pace, and light industry became an important pillar of the economy at the time. The majority of products were exported to the United States. Early on the main exports were plastic flowers, but later toys, watches, radios and other electronic products were the main exports.

1974年,香港奉行「抵壘政策」,吸引了大量新移民來港,為模具業帶來充裕的勞動力。八十、九十年代,香港工資成本上漲,港商紛紛到內地設廠,節省的薪金及土地成本超過一半,工廠的面積亦比香港大十倍有多,接單能力相應提升。再加上美國日本的客戶需求殷切,大家對模具業的發展前景充滿信心和熱誠。那時候,只要願意到內地設模具廠,做好設備及培訓,就穩賺不賠。

中港模具的連繫

擔任了香港模具協會六年副主席及八年主席,陶偉洪自 感有幸遇上模具業發展最蓬勃的時期。協助前任主席 黎玉成推動發展新技術及研究工作的陶偉洪,擔任主席 後更嘗試開闢新的網絡,與內地模具業建立良好緊密的 關係。

陶偉洪指2003年擔任主席時,香港模具協會已經開始參與「廣州國際模具展覽會」(Asiamold)。當時香港模協希望與中國模具業有更多的交流,因此嘗試邀請中國模具工業協會,亦即「中國國際模具技術和設備展覽會」的主辦單位,研究合作籌辦展會的空間。雖然最長實十分關注。在行業的高峰期,廣東省佔全國模具工總值超過一半,當時民營企業數目少,台資廠亦不多,所以大部份的出口數字都是來自港商。在過去計算的,有利中國模具業發展。因此,兩會一直保持緊密的聯繫,互相交流資訊及最新數據。

展望未來,陶偉洪認為兩會最重要是加強溝通互動。 由於產品轉型,有很多出口的家電品牌,其生產基地已 不復存在。取而代之,是龐大的中國商品市場。在這十 年間,內地模具業從零開始飛躍發展,設備先進,規模 宏大,但市場大多被數間大企業壟斷。而民營企業則數 量幾乎是以幾何倍數增長的速度上升,加上競爭激烈, 忽略技術投放,質素每況愈下,形成惡性循環。相對而 言,港資廠的經營模式及理念成熟,只是規模沒有以往 強大的出口市場承托。因此,未來兩會可以多探討市場 發展、內地市場的分工或優化經營模式,只同爭取行業 更大的發展空間。 In 1974, Hong Kong's Touch Base Policy attracted a large number of new immigrants to the territory, who provided abundant labour for the mould industry. With wage costs increasing in Hong Kong in the 1980s and 1990s, droves of Hong Kong businesses set up factories in China. This helped them cut wage and land costs by more than half. And able to build factories more than ten times bigger than the ones in Hong Kong, they could accept much bigger orders. Add to that the high demand for products from customers in the States and Japan, everyone in the mould industry was brimming with confidence and enthusiasm about the industry's growth prospects. At that time, all you had to do was set up a factory in China with good equipment and well-trained workers for a guaranteed return.

Linking up the China and Hong Kong Mould Industries

Harry To feels honoured to have served as vice chairman of HKMDC for six years and chairman for eight during the most dynamic period of development in Hong Kong's mould industry. As vice chairman, he assisted the previous chairman, Lai Yuk Sing, to promote new technology and research work. And as chairman himself, he formed new networks, establishing a close relationship with the mould industry in China.

When To became chairman in 2003, HKMDC was already participating in Asiamold. The HKMDC wished to have more exchanges with the mould industry in China so it extended an invitation to the China Die & Mould Association (CDMA), the main organizer of the China International Exhibition on Die & Mould Technology and Equipment expo, to research co-organizing an exhibition. Although the cooperation project did not pan out, the CDMA was very interested in the Hong Kong mould industry. During the peak of the industry, Guangdong Province accounted for more than half of total mould exports in China. As the number of private Chinese enterprises was low, as was the number of Taiwanbacked plants, Hong Kong businesses made up the majority of the exports. In the past two decades, Hong Kong companies have transplanted their mould technology to China, training thousands of specialist technicians, which has benefited the development of the Chinese mould industry. In light of this, the two associations have maintained close links, exchanging information and the latest

Looking ahead, To believes strengthening communication and interaction will be critical for the two groups. Due to product transformation, there are many home appliance brands exporting. and their production base has disappeared. It has been replaced by a huge merchandise market in China. The mould industry in China has grown rapidly from nothing in the last ten years. Advanced equipment is used and the scale of production is vast. However, the market is monopolized by a few large companies, while the number of private enterprises has grown exponentially, increasing the intensity of the competition, leading to a vicious cycle of decline in investment in technology and steady deterioration in quality. In contrast, Hong Kong-owned factories operate on a mature business model and philosophy, although at a reduced scale, as the export market is not as strong as in the past. Therefore, the two organizations should in future discuss how to develop the market, as well as division or optimization of business models in the China market, in order to create greater room for growth for the industry.



市場轉移 嶄新技術

談到市場發展,陶偉洪認為香港模具業在出口市場,始終具有優勢。綜觀國際競爭對手,墨西哥及東歐的模具業發展是比較理想。墨西哥與美國有自由貿易協議,較易取得美國訂單。但由於當地以西班牙語溝通,要承接日本或韓國訂單就會變得相對困難,加上技術條件亦不足。東歐的模具業雖然具佔有地利優勢,但製造成本高,供應量不多,效率也不及香港。

陶偉洪續指,西歐是個很值得關注的市場,隨著德國、意大利、法國及荷蘭的汽車銷售回升,對模具的需求亦相應增加。據説歐洲的模具業展覽會,當地企業參展的數目寥寥可數,希望吸引高質素的中國參展商參與。然而,最高端的內地企業及技術展示,現在都留在內地的展會。因此,香港模具廠商反而可看準機會,考慮到歐洲參展。香港有專業的模具技師,信譽良好,若好好發展海外市場,相信可突破行業瓶頸。

大概於二千年,陶偉洪曾領導當時的公司,成為首間利用CAD/CAM軟件將金屬超聲焊接工序自動化的企業。當時,陶偉洪更親身到日本學習相關技術,繼而收購荷蘭公司,提升自動化設備。陶偉洪認為,儘管金屬模具本身的工藝需要更大的靈活性,目前階段還未適合發展至工業4.0的全自動化水平,但他相信相關設備絕對能提升產品的精準度、穩定性及生產效率。此外,陶偉洪亦認為3D金屬打印技術有助模具業的整體發展,從而提高設計自由度、縮短製作周期、提高尺寸穩定性、產品質素及降低生產成本。這些優勢符合現時「多樣少量」、「個性化定制」的市場趨勢,輔助模具企業發展高增值產品。

「模具是工業世界最重要的基石之一,因此不可能被淘汰。」陶偉洪建議模具企業可多留意海外的合作機會,並留意汽車、電子通信、醫療等行業的發展。不斷自我提升,高瞻遠足,將目標放得大一點、遠一點,按著企業的獨特性,把握機會,發展有潛力的市場。

Market Transformation and New Technology

In regard to market development, Harry To holds that the Hong Kong mould industry will always have an advantage in the export market. In terms of competitors on the international stage, the Mexican and Eastern European mould industries at first glance seem to be ideally placed to grow. For example, Mexico has a free trade agreement with the United States, making it easy for companies there to obtain orders from the United States. However, because Spanish is the local language, this presents difficulties when it comes to taking orders from Japan or Korea, not to mention the insufficiently advanced technology. Meanwhile, despite having a geographic advantage, the Eastern European mould industry deals with high production costs, small levels of supply, and lower efficiency compared to Hong Kong.

According to To, Western Europe is a very interesting market. With car sales rising in Germany, Italy, France and Holland, demand for moulds will increase accordingly. Apparently, only a handful of local companies attended the European mould industry exhibition, in the hope that more high-quality Chinese participants would be attracted. However, the highest-end Chinese enterprises and technology exhibitors now only attend Chinese exhibitions. Hong Kong mould makers have spotted the opportunity and are considering attending European expos. Hong Kong's professional mould technicians are well reputed and if they can develop overseas markets, they will be able to overcome the bottleneck in development that the industry faces.

The company that To led was the first to utilize CAD/CAM software to automate ultrasonic welding for metal in 2000. He had even gone to Japan to study the relevant technology and then acquired a Dutch company to improve automated equipment. He believes that although greater flexibility is required in metal mould processes, the industry is not yet at a stage where it can move to Industry 4.0 and adopt full automation. However, he holds that automated equipment can certainly enhance product accuracy, stability, and production efficiency. To also believes that 3D metal printing technology can benefit the overall development of the mould industry by increasing the flexibility of design, shortening production cycles, increasing dimensional stability and production quality, and lowering production costs. These advantages are in line with the current market trends in production for high diversity and lower volumes as well as customization, and will help the mould industry develop high-value products.

"Moulds are one of the most important cornerstones of the industrial world and therefore we cannot be eliminated," says To. He advises mould businesses to pay more heed to opportunities for cooperation overseas as well as the development of other related industries such as the automotive, healthcare and telecommunications. He also advises companies to adopt continual self-improvement, aim high, target bigger goals and look further afield, as well as leverage their unique advantages, take opportunities, and develop market potential.

模具的新潛力

陶偉洪對提攜後輩亦不遺餘力,曾提名多位模具業後輩參加青年工業家獎,包括耐普羅(香港)有限公司譚榮耀先生(2006年)、精英企業控股有限公司楊悰傑博士(2010年)及鴻利達模具有限公司蔡俊杰先生(2012年)。

陶偉洪指,模具業人才需要長時間經驗積累,需求殷切,惟入行的年青人不多,令行業出現青黃不接及斷層的情況。不只是模具技師,就連模具相關的項目管理及市場推廣的人員亦「買少見少」。因此,陶偉洪認為,能夠遇到熱心投入模具業發展的新一代,作為大前輩,理應助他們一臂之力,讓更多人看到他們為模具業所付出的努力和貢獻。

陶偉洪勉勵模具業後輩,除了要不斷提升工廠的技術和設備外,還要多留意不同行業的發展趨勢,掌握市場最新的動態,絕對不能固步自封。除此之外,他們亦應多接觸與其他國家或商會,提升自己的見識和觸覺,當機會來到時,便能牢牢掌握。從事模具業的竅門是「耐性」,先不求回報的付出,以時間去累積自己的信心和經驗,然後才有機會得到豐碩的成果。

The New Potential of Moulds

Harry To has made great efforts to foster the younger generation in the mould industry, nominating many for the Young Industrialist Awards of Hong Kong, including winners Tam Wing Yiu of Nypro Tool Hong Kong Ltd (2006), Dr Jack Yeung of Ace Corporation Holdings Ltd (2010), and Choi Chun-kit, Felix, of Hongrita Mold Ltd (2012).

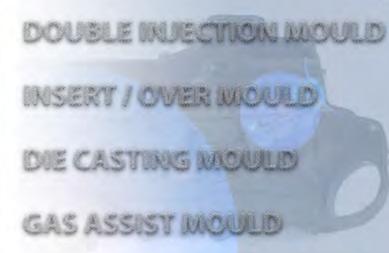
To points out that talent in the mould industry requires time and experience to develop, and with a desperate need for talent and few young people entering the industry, there is a shortage of younger people to take the reins. There is not only a lack of mould technicians, but project managers and marketing staff are also in short supply. He believes that as an industry elder statesman he should help younger people who are committed to the development of the industry to succeed and help publicise their efforts and contribution to the mould industry.

To encourages the younger cohort to keep improving factory technology and equipment, as well as be more mindful of development trends in different sectors, leverage the latest market developments, and absolutely not rest on their laurels. They should also increase contact with other countries or chambers of commerce to improve their knowledge and acumen, so that they can grasp opportunities when they arise, he believes. The trick to the mould industry is "patience." Don't look for immediate returns. You need time to build your own confidence and experience before you can expect to come across the opportunities to succeed.



立志模具有限公司 LAP CHI MOULDING CO. LTD.





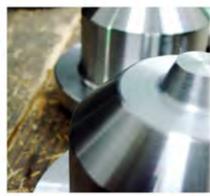




Lap Chi Moulding Company Limited

CHINA- DONGGUAN Dongguan Chi Shing Plastic Products Company Limited Dongguan Lap Shing Products Company Limited

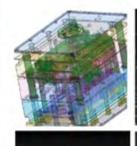




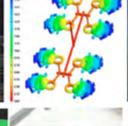
















與工業家對談

與工業家對談 - 張達材 DIALOGUE WITH INDUSTRIALISTS: STANLEY CHEUNG



只有熱愛工作的人,才能體驗到工作中的樂趣。從讀書時期開始,張達材在父親的引導下開始接觸塑膠業,並對模具一見鍾情,日復日,年復年,他仍然樂在其中,未曾想過離開。他這份堅持,為香港的模具及塑膠業界貢獻良多,亦為香港培養了一個又一個專才。

Only someone who loves their work can experience the joy of working. Even as a school boy, Stanley Cheung was preparing to enter the plastics industry under the guidance of his father and his "love affair" with moulds was "love at first sight". Day after day, and year after year, he still finds enjoyment in moulds and he has never thought about doing anything else. Thanks to his passion, he has contributed much to Hong Kong's mould and plastics industry, helping to foster generation after generation of industry specialists.

啟蒙恩師

香港經濟在六、七十年代起飛,百業興旺,特別是製造業。因此,即使張達材父親修讀文學出身,亦希望兒子日後可在工業界發展。因此在升中學時沒有選讀傳統文法學校,繼而選擇入讀維多利亞工業學校。

Mentors Make the Man

When Hong Kong's economy took off in the 1960s and 1970s, all sectors, especially manufacturing, thrived. It was because of this that Stanley Cheung's father hoped that his son would pursue a career in industry, even though he himself had read literature at university. And when it came to choosing his next step after middle school, Cheung chose to attend the Victoria Technical School rather than a traditional grammar school.

畢業後順利升讀香港理工學院(現為香港理工大學) 張達材在理工學院遇上影響他人生的兩位啟蒙恩師 即使畢業後多年至今仍保持聯繫。其中一位恩師是英 國人,他在1971年選擇離開南洋理工學院來到香港, 在新成立的「生產及工業工程學系」內創立模具塑膠模 塑工藝課程,此課程共培育了八屆畢業生,全部具備英 國正統模具設計、塑膠知識及模塑工藝的訓練。而另外 一位恩師教導他模具設計、生產制造技術及工藝,影響 他最深的是恩師「擇善固執」的性格,只要認為是正確 的、合理的事,就會堅持下去,絕不動搖。這種大丈 夫氣概,施展在教育熱誠及抱負,令張達材深受影響, 最終參與相關的技能培訓教育工作。他從1997年開始 在職業訓練局的塑膠業訓練委員會,擔任委任委員 副主席、一直至主席,在長達20年不間斷參與及貢獻 創造出一項嬌人的紀錄,為業界的人力供求及培訓發展 需要提供專業意見及教育推廣。

寓工作於興趣

在一次理工學院的開放日,張達材被「生產及工業工程」學系吸引,原因是這學系與模具及塑膠有很密切的 關係,課程內容包括塑膠科目及模具製造,正好符合他 的興趣。

當時香港模具製造及工程塑料的應用在亞洲排名第二,僅次於日本。接受專業訓練後的張達材,於1984年進入了一家在香港最具規模的高科技電腦代工公司,公司的主要業務為製造電腦外殼,使他接觸到最先進的工程塑料及大量世界級的高端科技,使他眼界大開。

After that Cheung attended Hong Kong Polytechnic (now The Hong Kong Polytechnic University), where he met two instructors who inspired his path in life, and with whom he continued to keep in touch for many years after graduating. One was a British man who came to Hong Kong in 1971 from Singapore Nanyang Polytechnic to set up and teach a mould plastics and moulding process course at the newly established Production and Industrial Engineering Department of Hong Kong Polytechnic. The course ran for eight years, training eight classes of graduates in orthodox British mould design, plastics theory, and moulding processes.

Cheung's other instructor taught mould design and manufacturing technology and processes. It was this instructor's stubborn character that left the biggest impression on him. If he thought something was right and proper, he stuck to it and never wavered. This sense of ambition and moral integrity expressed itself in his devotion and aspiration for teaching and had a far reaching influence on Cheung, who also decided to pursue related work in skills training. He first joined the Plastics Industry Training Board of the Vocational Training Council (VTC) in 1997 as a committee member, and later became vice president, and eventually president. In the past two decades of uninterrupted service and contribution, Cheung has created an envious record, providing professional advice and educational promotion on industry's human resource supply and training and development.

Combining Work and Interests

During an open day for Polytechnic University, Stanley Cheung's interest was caught by the Production and Industrial Engineering Department. This was because this department is closely linked to moulds and plastics, and the course content included plastic-related subjects and mould manufacture, which chimed exactly with his interests.

At the time, Hong Kong ranked second in Asia behind Japan in the mould manufacturing and the application of engineering plastics. After completing his professional training, Cheung joined Hong Kong's largest high-tech computer OEM business in 1984. Working there was an eye-opening experience for him. The main business of the company was manufacturing computer cases, which allowed Cheung to come across the most advanced engineering plastics and many world-class high-end technologies.



一年多後,他有感自己的實務工藝尚欠純熟,便到了另一間美國公司擔任廠房工程師,同時兼任研發部門的工作。在這裡,張達材遇到一位美國籍的世界級發明天才,他發明了超聲焊接技術及四層疊模等許多世界的專利,對塑膠業的影響甚大。短短兩年間,張達材在他的身上學到了許多非傳統而尖端的工藝,獲益良多。及後他又轉到一間美資全球第二大的玩具製造廠,負責香港區的工模工程,而其中一項工作是在香港採購一些優質的模具到美國及墨西哥,令張達材開始接觸到出口塑膠模具的商機。

到了1989年6月,張達材與兩位同學踏上創業路,目標是成立一間香港最具代表性的塑膠模具及注塑工廠,將學校及工作所累積的經驗,一展所長,回饋香港。由於他們掌握令公司提高生產力的竅門,在短短一年半的時間便令公司每年有百分之四十的增長,並連續三年奪得生產力優異證書,肯定了他們的專業。

坐言起行 實事求事

張達材於1992年加入香港模具協會,一年後成為模協活動籌委會的主席,推展多項年度活動,例如跨月交流技術講座等,讓模協成為香港工業總會最活躍的協會之一,並延續至今。

張達材於1997年首次成為模協副主席,伙伴當屆主席黎玉成先生,致力拓展海外市場,帶領模協會員參與海外的展覽,共同發掘香港以外的商機。他指,當時香港的模具業在亞洲具有領導性的地位,與其他國家相比較為成熟,例如韓國的技術還處於發展階段、台灣的發展重點還未集中於出口市場、新加坡的成績剛起步,所以,張達材配合黎先生看準機會,帶領模協會員大步向前,衝出香港,到日本、美國德國尋找商機。

四年後,張達材再次擔任模協副主席,與來自對金屬模具經驗豐富的陶偉洪先生拍擋。當時香港的模具業開始面對中國工業的崛起,由後加工變成競爭對手,實現跨越式發展。張達材指,由於陶先生長時間在中國不同地方工作,對中國發展有著相當敏鋭的觸覺,加上人脈網絡這個相當重要的籌碼,令他們開拓中國市場的工作進展順利,佳音訊傳。

其中一項難忘的工作,就是2008年在廣州國際模具展 (Asiamold),由黎玉成先生倡議牽頭,由他協助執行推 動,展示亞洲首個全自動化模具製作流程,可說是模具 行業最具前瞻性的創舉。 Feeling that he lacked practical experience in processes, Cheung moved to an American company a year later to work as a plant engineer and concurrently work in the R&D department. It was there that he met a world-renown American inventor of a number of world patents including ultrasonic welding and the four-layer stack mould, and who was hugely influential in the plastics industry. Cheung worked with him for two years, learning many nontraditional and cutting-edge processes, benefiting enormously. He then moved to the world's second largest toy manufacturer, a US-owned company, to manage mould engineering for the Hong Kong area. One of his responsibilities was to purchase high-quality moulds in Hong Kong for American and Mexico, and he started to come across business opportunities in the export of plastic moulds.

In June 1989, Cheung and two of his former university classmates set out on the entrepreneurial path. They aimed to establish the most successful plastic mould and injection factory in Hong Kong and put their knowledge and experience from college and work to good use and give back to Hong Kong. They proved they had the necessary expertise and grasp of how to increase productivity by achieving an annual growth rate of 40% in the first 18 months and three consecutive years of outstanding productivity.

Taking Opportunities and Spreading Knowledge

Stanley Cheung joined the Hong Kong Mould & Die Council (HKMDC) in 1992 and became the chairman of the activities committee. In that role, he organized many annual activities, including technical seminars. Thanks to his work, the council became and remains one of the most active member associations of the Federation of Hong Kong Industries.

Cheung was appointed HKMDC vice chairman in 1997 for the first time, while his business partner Lai Yuk Sing was chairman during the same term. They worked to expand overseas markets, encouraging association members to attend overseas expos and explore business opportunities beyond Hong Kong's borders. Cheung points out how Hong Kong's mould industry was a leader in Asia and at a more mature stage of growth compared to other countries in the region. In South Korea the industry was still at a technological developmental stage; while the focus of growth in Taiwan had not yet turned to export markets; and Singapore's industry was just starting to make headway. Cheung and Lai spotted the opportunity to help lead association members to take a major stride forward and look for business opportunities beyond Hong Kong in Japan, the US and Germany.

Four years later, Cheung again held the position of vice chairman, with Harry To, who had a wealth of experience in metal moulds, assuming the role of chairman in the same term. At the time, the Hong Kong mould industry started to face the threat of rising Chinese industry, which became a competitor by way of post-processing and grew by leaps and bounds. Cheung points out that thanks to To's keen insight into China's development, having worked in various locations in the country for long periods of time, and to their personal network of contacts, they were able to make unhindered progress in developing the China market.

One memorable project was demonstrating Asia's first fully automated mould manufacturing process at the 2008 Asiamold in Guangzhou. It represented one of the most pioneering advances in the mould industry. The initiative was led by Lai with Cheung helping to promote it.

雖然張達材希望能在香港培育更多模具業的專才,但因沒有專門的塑膠材料訓練課程,令他無從入手。在一次冗長的飛機航程上,啟發了他與兩位職訓局的朋友舉辦技術性研討會的念頭。研討會每兩個月舉辦一次,費用全免,場地由職業訓練局提供,他則負責定立題目及邀約供應商作演講嘉賓,務求將最新的技術介紹給業界的專才,為供應商、模具業塑膠業界及培訓機構的師生締造三贏的局面。此技術研討會推廣於2000年開始,一直維持到現在,是香港歷史上持續最長、題材最廣泛及參與人數最多的「長壽節目」。

因時制宜 忌刻舟求劍

相對中國及其他地方,香港司法健全、高效的商業或社會架構,人才的適應性和靈活性大,吸受新技術的能力高,加上高度誠信與專業的工作操守,使香港具備優厚優勝條件。若政府能妥善制定政策,為業界作出整體的長遠規劃,定必事半功倍。張達材相信,只要業界上下一心,共同努力,香港的工業定必再創輝煌。

Cheung hoped to foster more specialists in the mould industry, but his efforts were hindered by a lack of specialist plastic materials training courses. On one particular long plane flight, he conceived the idea of organizing a technical seminar with two friends from the VTC. The seminars would be held once every two months at the VTC and entry would be free. Cheung would be responsible for deciding the topics and inviting suppliers to speak and introduce the latest technologies to other industry specialists. It would be a 'triple-win' for suppliers, the mould and plastics industry, and teachers and students of training institutions. They began to promote the technical seminars in 2000 and they continue to this day. They are the longest running events of their kind, in addition to covering the broadest range of subjects and attracting the greatest number of attendees.

Embracing Flexibility and Changing with the Times

In regard to the future of the mould industry, Stanley Cheung — who has had the fortune of working during the prime era of the industry — believes that the future will be a lot tougher than today, and that we should leverage Hong Kong's spirit and be strong when we are opposed by strong forces. Competition between Hong Kong and China will only intensify. We should not go head-to-head with China and start a price war. In response, we should explore undeveloped or unsaturated mould markets and move towards higher-end products and automation.

He continues that high-value added products are the future direction of the market. Customers no longer demand cheap prices, instead they want after-sales service and support as well as long-term and professional service relationships. He advises the industry to therefore adjust product structure, increase high value-added products, diversify development, and tap into new trade potential.

In terms of human resource training, Germany is a good point of reference and goal to aim for. Because of Germany's high respect for industry, apprentices make up one tenth of the manufacturing industry workforce and many companies have set up apprenticeship schemes to train young people, who also have the opportunity to become key employees or management. In addition to providing young people the opportunity to move up the career ladder, these kinds of schemes are also a cornerstone of development for these companies.

Relative to China and elsewhere, Hong Kong has a sound judicial system, efficient commercial and social structures, an adaptable and flexibly workforce, and a high capability to absorb new technology, which combined with an honest and professional working ethic, puts Hong Kong in a favourable position to succeed. If the government can formulate proper policy and make long-term overall plans for the industry, this will certainly be beneficial to achieving the desired results. Cheung is confident that if all players in the industry chain work together, Hong Kong's industry can go on to accomplish great things in the future.





資料提供:《香港工業家》 行業資訊-「再工業化」時代 **Contributed by Hong Kong Industrialist INDUSTRY NEWS -**THE ERA OFRE-INDUSTRIALISATION



2015年成立的創新及科技局(創科局)期望以創新及科技產業帶領香港「再工業化」,2016年 《施政報告》亦指出「再工業化」有潛力成為香港新的經濟增長點。在香港社會對「再工業化」剛熟悉 之際,這名詞原來早已在多國流行。美國早在七年多前已率先推出「再工業化丨以復興製造業,德國 也正積極向「工業4.0」邁進,甚至中國最近亦公布《中國製造2025》,鼓勵工業往高增值發展。這篇主題 報導為你從歷史背景、各國推動概況及香港發展方向等各方面縱觀「再工業化」,並將於未來數期進一步 探討業界可如何利用創新及科技抓緊「再工業化」的機遇。

Re-industrialisation, the destination that the newly-established Innovation and Technology Bureau (ITB) would like to lead Hong Kong to through innovation and technology industry and the potential new area of economic growth for the city as mentioned in 2016 Policy Address. While the term gains its publicity in Hong Kong, it has already been well aware of by many countries. As early as more than seven years ago, the US has already started to advocate re-industrialisation as to rejuvenate its industrial sector and Germany's chase for "industry 4.0" has long been underway. Even China has recently announced Made in China 2025 to promote high value added industrial development. This cover story focuses on this new trend and provides readers with an in-depth analysis of such in terms of its historical background, various countries' current implementation, and more importantly, Hong Kong's possible ways of achieving it. Ways to grab the opportunities brought about by re-industrialisation with innovation and technology will also be covered in the coming issues.



何謂「再工業化」?

事實上,「再工業化」並非新思潮,早在20世紀後期, 歐美國家已開始提出「再工業化」的概念,以應對國內 工業發展的問題,而不同時代的「再工業化」均有不同 的主張和方向1(見下圖)。

What is "re-industrialisation"?

Re-industrialisation, as a matter of fact, is not a brandnew idea. Early since the late 20th century, European and American countries have begun to introduce the concept of re-industrialisation to address their internal problems regarding national industry development. Although the propositions and directions of it differ from time to time, they can generally be categorised in the following way:

轉型至高附加值與高知識密集型產業

Transform to high value-added and

改造重工業產業基地

提升工業科技 - 振興製造業 - 加強出口 Elevate industrial technology -

1970年代

1980年代初

1980年代中-1990年代 Mid - 1980s - 1990s

2000年代 The 2000s

FUTURE

擴大基礎設施投資 - 加速固定資產更新

鞏固產業優勢及創造就業 - 復甦實體經濟 - 促進可持續發展

Consolidate industry adavantages and create jobs -Reboost real economy - Promote sustainable development

由「去工業化」到「再工業化」

From De-industrialisation to Re-industrialisation

20世紀70年代,「去工業化」趨勢使工業的比重在 In the 1970s, the trend of de-industrialisation reduced 各發達經濟體的經濟結構中逐漸下降。然而,2008年 全球金融危機及2010年歐債危機導致經濟增速放慢、 產出缺口加大及貿易赤字攀升等問題,及後引起的高 失業率問題更衍生了社會危機,令發達經濟體面臨的 經濟、社會甚至政治壓力日增。各國政府因而意識到 實體經濟及製造業對經濟結構及社會穩定的重要,繼而 紛紛採取「再工業化」政策,期望透過支持本土工業向 先進製造業發展及引導海外製造業回歸,以調整產業 結構,為國家重塑競爭優勢,解決上述難題。

gradually the industry-to-economy ratio in various advanced countries. Nevertheless, the hit of the global financial crisis in 2008 and European debt crisis in 2010 and their consequences such as slowdown in economic growth, widening export margin and rocketing trade deficit, together with the subsequent social crisis bred by the high unemployment rate, made the advanced economies to suffer from increasing economic, social and even political pressure. Not until then did the governments realise the importance of real economy and manufacturing to their economic structure as well as social stability. Since then, they have started to adopt the policy direction of reindustrialisation in a hope to restructure the economy and rebuild the countries' competitive edges by means of supporting local industries' advancement and attracting the return of migrated industries to solve the aforementioned problems.

1〈歐美「再工業化」策略及對台灣產業政策意涵〉。《經建專論》,2014年第5期



各國在「再工業化」方面做了甚麼工作?

Other Countries' Initiatives for Re-industrialisation

- 先後提出《重振美國製造業政策框 架》、簽署《製造業促進法案》及啟 動《先進製造業國家戰略計劃》等政 策,重振國內先進製造業發展。
- 遴選具前瞻性的製造技術 建立相應製造創新中心,提供稅務優 惠,激勵創新及研發,並加強先進造 業的職業教育等。
- The US put forward A Framework for Revitalising American Manufacturing, passed the US Manufacturing Enhancement Act and commenced the National Strategic Plan for Advanced Manufacturing successively as national policies for revitalising advanced manufacturing development.
- · It selects cutting-edge manufacturing technology and establishes corresponding innovation centres. It also provides tax incentives to enourage innovation and R&D as well as enhances vocational education for advanced manufacturing.





德國 **GERMANY**

支援創新發展。

- 公布《產品製造產業振興計畫》, 旨在發展機器人等技術,提升產業 生產效率,降低製造成本及增加產 業附加價值,協助產業轉型,驅動 經濟增長。
- A plan on reviving the manufacturing sector was released with the purpose of developing technologies such as robotics to improve efficiency, reduce cost and increase added values, assisting to transform the industry and drive economic growth.





- ・以「工業4.0」為目標,邁向「第 四次工業革命」,創建「人機融合」 的智能工廠,令國內工業生產達致智
- 發放研發補貼以加快新能源等新技 術的研發,並以「雙元制」的職業培 訓機制培養專才。
- Aiming at achieving "Industry 4.0". Germany desires to advance to the "Fourth Industrial Revolution" and build smart factories where humans and robots work together, leading the nation to smart manufacturing.
- It subsidises the R&D of new technology sucgh new energy and it adopts the "Dual System" for vocational training to nurture specialised talent.

• 推出《製造業創新3.0》,期望透

過整合科技、創造製造業新附加價值

與確保競爭優勢,以製造過程的創新

為主要目標,由企業主導並由政府

Industry Innovation 3.0 was introduced.

with enterprises taking the lead and the

government playing a supportive role, to

promote the development of innovation,

especially that of the manufacturing

processes, by means of integrating

technology, developing new added-values

for manufacturing and ensuring the

nation's competitive edges.

歐盟 THE EU



・頒布《中國製造2025》規劃 列明了九項戰略任務, 以及十大重點

• 公布《指向增長與經濟復蘇的更

強大的歐洲工業》,設定了將工業佔

歐盟國內生產總值的比重在2020年前

• 設計了一套包含「四大支柱」與

「六大優先領域」的實施框架,著重

• It announced A Stronger European Industry

for Growth and Economic Recovery which sets

out the goals of boosting manufacturing's

contribution to EU GDP from the current

The implementation framework consists of

"4 pillars" and "6 fast-growing areas" which

focus on enhancing the competitiveness of

由15.6%提升至20%的目標。

加強製造業競爭力。

15.6% to 20% by 2020.

manufacturing.

- 通過「三步走 | 實現使中國成為 製造強國的戰略目標,將中國工業由 「製造」轉型至「智造」。
- · Made in China 2025 was promulgated. with 9 strategic missions and 10 key areas.
- · It plans to realise the goal of making China an industrial power by means of the three-step development strategy and transform the nation's industry from 'manufacturing" to "smart production".



香港的「再工業化」

Re-industrialisation in Hong Kong

本港為何要「再工業化 1 ?

香港工業在六、七十年代蓬勃發展,推動香港經濟 起飛,更使香港的人均本地生產總值迅速攀升,一度位 居亞洲「四小龍」之首。雖然自八、九十年代起,香港 的工業家因內地勞動成本低廉而逐漸把生產基地遷到 內地,但多年來工業一直是香港經濟發展的重要基石。

面對近年金融危機頻生、美國加息、中國經濟增長放緩 及內地勞動成本日益上升等情況,香港現時過分依賴 金融及服務業的經濟結構相當容易受外圍波動打擊。 反觀製造業,則具多重效益,香港生產力促進局總裁 麥鄧碧儀引述分析指,製造業生產每1美元產品,將 帶動其他部門1.4美元的產出,有利創造製造業及非製 造業的就業崗位,帶動實體經濟發展。因此,「再工業 化」有潛力為香港帶來新一輪的經濟增長,以平衡及 穩定經濟結構。

香港工業總會(工總)主席鄭文聰教授亦表示, 「再工業化」中科研成果的應用能縮短生產週期 提升效率、減低成本,以及能配合科技與市場發展的 趨勢和需要,為香港工業注入新動力的同時,提高 「香港製造」品牌在國際間的競爭力。除此之外, 「再工業化」更能透過促進經濟多元發展,為本港年輕 一代提供大量的專業就業機會,增加工業人才之餘, 有利經濟及社會發展。

Why should Hong Kong re-industrialise?

Hong Kong has experienced a boom in industry in the 60s and 70s. The thriving local economy the burgeoning GDP once made the city the top among Asia's "four little dragons". Despite Hong Kong industrialists' relocation to the Mainland owing to the lower labour cost over the border since the 80s and 90s, the manufacturing has always remained as an important cornerstone of Hong Kong's economic development.

In face of circumstances like the recent financial crises, US's jumping interest rate, tapering off in the Chinese economic growth and Mainland's rising labour cost, Hong Kong's economic structure, with its over-reliance in finance and services sectors, are exceptionally vulnerable to external fluctuations. The manufacturing sector, in contrast, offers multiple benefits. Agnes Mak, Executive Director of Hong Kong Productivity Council (HKPC) cited from an analysis that, every dollar's manufacturing production can promote output which is worth USD1.4 produced by other sectors, which is favourable for creating manufacturing as well as non-manufacturing jobs and driving the development of real economy. Therefore, re-industrialisation shows great potential to foster new economic growth for our city, balance and stabilise the economic structure.

Federation of Hong Kong Industries (FHKI) Chairman Prof Daniel M Cheng expressed, the application of R&D results advocated in re-industrialisation can facilitate a reduction in production cycle, a rise in efficiency and a cut in cost. It can also match with the trend and needs of technology and market development, re-boosting the vitality of our local industry and enhancing the international competitiveness of the brand "Made in Hong Kong". Besides, a vast amount of professional occupations can thus be created for the city's vounger generation with such economic diversification. while more industry talent would also be discovered and the local economic and social development could be benefited

日本











香港「再工業化」的方向 The Hong Kong's Way of Re-industrialisation



- "那就是要把內地的工廠搬回香港?"
- " Does it mean we have to move those factories back to Hong Kong?"

不然。業界提出的「再工業化」並非指工業回流, 而是如麥鄧碧儀所指的「內地及香港工業生產線的重新 佈局」。香港的「再工業化」鼓勵業界充分考慮香港的 發展環境、配套及優勢等實際因素的配合,一方面推動 內地廠商轉型升級,並將合適的工業程序回流香港或在 港設立新生產線;另一方面促進「官產學研」在創新 科技研發及產業化上的合作,催生本土的新先進製 造業;並且致力強化香港現有的傳統及優勢產業,提升 當中的研發及技術。

鄭文聰教授指,香港的「再工業化」並非傳統製造業的回歸及走勞動密集型生產的回頭路,而是朝高增值及高科技製造業方向發展,以新技術、新模式及新發明,升級傳統工業的生產程序,以及創造新的工業生產及服務。創新及科技將是「再工業化」的一大推動力,而物聯網、大數據及雲端運算等則是當中的關鍵技術。業界亦應加大研發成本的投入,提升生產效能、成本效益及產品價值,並在生產中引入精密儀器及機械以減低人手成本。以下是香港在「再工業化」下可率先推動的數個與模具、塑膠及金屬行業相關的領域。

Not really. The idea of re-industrialisation raised by Hong Kong industry does not refer to an industry reflux but a "distribution rearrangement of production lines in the Mainland and Hong Kong" as Mrs Mak pointed out. It encourages the sector to take practical factors such as Hong Kong's development environment, facilities and strengths into account. The first option would be promoting transformation and upgrading in Hong Kong-owned Mainland factories and advising them to move suitable production processes back to Hong Kong, or directly setting up a new line here. The second way of doing it would be hastening the co-operation between the Government, industry, academia and the research sector on innovation and technology as to shape a new advanced manufacturing sector locally. The third direction would be reinforcing Hong Kong's existing traditional and competitive industries by boosting their R&D and technology development.

Prof Cheng stresses that Hong Kong's re-industrialisation is not about the comeback of traditional industries nor the return of labour-intensive mode of production but an industrial era heading towards high value added production and advanced manufacturing technology, in which new technology, mode and inventions would take traditional manufacturing procedures to a whole new level and give birth to new industrial production and services. Innovation and technology would be a giant impetus for re-industrialisation while Internet of Things, big data and cloud computing would be the key technologies involved. The industry should increase their R&D inputs to raise its production efficacy, cost-effectiveness and products' values. It should also bring in precision instruments and machinery to minimise the manual cost. Below are the several possible pioneer areas for Hong Kong's re-industrialisation in relation to the Mould and Die, Plastics and Metal Industry.

機械人技術

自動化發展及機械臂的使用近年促進了傳統工業生產程序的轉型升級。然而,「再工業化」中所強調的機械人發展,並非停留於以機械代替人手進行重覆性高的生產步驟的技術,而是「智能機械人」的研發。馬錦星表示,機器人技術覆蓋的範疇甚廣,由工業生產的全面自動化至醫療機器人,用途可由護理家居至執行危險性高的工作,具有無限發展可能,是「再工業化」的一大方向。香港不同院校及機構多年來的推廣,加上生產力促進局的智能機器人中心等機構的設立,均令香港在此高科技範疇的發展具備良好基礎。

先進工業物料

在去年的亞太創新峰會中,「先進物料」會議是其中一大焦點,當中多位本地及海外的專家及業界人士分享了先進物料的研發及創新應用,如納米光學塗層在照明工業的應用或以廢料再造的環保石磚在建築業的使用等。他們指出,有關研發能為許多工業的發展帶來重大突破,其成果的專利更能大大提升香港工業技術的國際地位及競爭力。香港在有關方面擁有卓越的研究基礎,中小企業可充分應用此等研發成果於其產品生產,以發展先進製造業。

Robotics Technology

The development of automation technology and the utilisation of robotic arms have brought new vibes to traditional manufacturing processes in recent years, hastening their transformation and upgrading. But one is reminded that the advance in robotics as emphasised in re-industrialisation do not simply refer to the replacement of humans with robots to work on highly repetitive production procedures – but the innovation of "smart robots". Mr Ma believes robotics would be a key direction for Hong Kong's re-industrialisation as he points out the wide variety of usage and infinite possibility of robotics technology, which covers areas from achieving full automation in industrial production to medical robots with uses ranging from homecare to executing dangerous tasks. With the promotion of various schools and organisations all along and the establishment of institutions such as the RoboticsOne by HKPC, Hong Kong's high-tech development in this aspect has been good to go.

Advanced Industrial Materials

Back in the APAC Innovation Summit last year, "advanced materials" was one of the topics that caught the spotlight. Several local and overseas experts and industry practitioners shared the R&D and innovative application of advanced materials, for instance, the application of nano-optical coating in lighting industry and the use of stone-bricks (made from stone wastes) in construction industry. They pointed out the immense breakthrough relevant research can bring to various industries and the functions of patenting the research results in raising the city's international status and competitiveness in industrial technology. As Hong Kong has laid excellent groundwork in the R&D for advanced materials, SMEs could make good uses of relevant research in breeding advanced manufacturing sector locally.

香港在「再工業化」上有何優勢?

What are HK's Advantages in Re-industrialisation?

優越的自身條件

香港的大學擁有在全球首屈一指的科研中心,而創新科技署亦成立了五所研發中心,推動及統籌五個重點範疇的應用研發發展,包括汽車零部件、信息及通訊技術、物流及供應鏈管理應用技術、納米科技及先進材料,以及紡織及成衣方面,加上其他機構的研發部門,香港在科研方面的基礎建設穩固,並與產業界有緊密合作,為發展業界所需的科技及促進科技成果的商品化提供了優越的根基。

Superior Internal Conditions

Hong Kong's universities own some of the world's leading research centres. There are also R&D centres driven by the Innovation and Technology Commission to promote and co-ordinate Hong Kong's applied research in 5 major areas, namely automotive parts and accessory systems, information and communications technologies, textiles and apparel, logistics and supply chain management enabling technologies and nano and advanced materials. Together with the concerted efforts of other institutes' R&D departments, our city was superbly equipped in scientific research. On top of that, the research sector's close connection with the industry has just given it unflagging backing for commercialising their technological results which are greatly in need in the industry.



INDUSTRY NEWS

香港在「再工業化」上有何優勢?-續

What are HK's Advantages in Re-industrialisation? - continue

香港多年來的發展為工業打好了穩健的基礎,創科局 局長楊偉雄指,香港具備許多優勢,例如港商在 珠三角地區及東南亞擁有世界級的工廠,以及頂尖的 全球採購及銷售網絡,並擁有完善的資訊科技建設及 強大的服務業。另外,在《內地與香港關於建立更 緊密經貿關係的安排》下,香港產品進口內地可享零 關稅的優惠,配以香港鄰近龐大內地市場的地理優勢, 這些因素均有利香港「再工業化」。

在人才方面,香港科技園公司首席商務總監楊孟璋 強調,香港擁有卓越的科研人才及突破性的意念, 並屢獲殊榮,如在去年的日內瓦國際發明展中,香港 參賽的科技公司全數奪金, 更囊括其中的最高榮譽 大獎,可見香港的創意及科研水準深受國際肯定。 作為法治之都,香港更擁有健全及完善的法律制度, 其中對知識產權的保護更深受業內人士推崇,更是他們 堅持紮根香港的一大原因。

積極的政策支援

繼去年創科局的成立,政府在今年的《施政報告》內 提出了一系列共超過46億港元的撥款和基金措施推動 創科產業發展,使香港「再工業化」的進程逐漸獲得 更大的政策支援。

除了現有的創新及科技基金,楊偉雄表示,政府亦已 宣布設立20億港元的「院校中游研發基金」,鼓勵大學 在重點科技領域進行主題性研究,並推動研發成果商品 化。他續指,政府亦已調整了工業邨政策,將研究在 將軍澳工業邨內興建專用多層工業大廈,以供出租予 創科產業,從研發、原型製作、產品設計、生產、 測試及分銷、行政管理,到市場推廣及品牌建立,提供 「一條龍式」服務。

多方機構的推動

香港「再工業化」亦有賴香港科技園公司、生產力促進 局及數碼港等機構的大力推動。

香港科技園為引進全新或改良技術及工序的製造業和 服務業,提供一站式的基礎支援服務及價格低廉的 土地和設備,更設有不同的培育計劃協助新成立的科技 公司,楊孟璋表示,期望通過推動「健康老齡化」、

A solid foundation has been built for Hong Kong's industry after all these years of development, and as Secretary for Innovation and Technology Nicholas Yang sees, we possess many competitive edges in this regard, for instance, the world-class factories owned by Hong Kong enterprises in Pearl River Delta region and South-east Asia, a top-notch global procurement and sales network, comprehensive information infrastructure and a robust services sector. In addition, the preferential zero-tax treatment enjoyed by Hong Kong's exports across the border received under the Mainland and Hong Kong Closer Economic Partnership Arrangement and the geographical advantages of the city being adjacent to the massive market of domestic sales all favour Hong Kong's steps towards re-industrialisation.

In the regard of talent, Chief Commercial Officer of HKSTP Andrew Young stresses the availability of excellent personnel and groundbreaking ideas in scientific research in Hong Kong which have received numerous accolades. He referred to the International Exhibition of Inventions of Geneva in which participating Hong Kong technology companies all took home a gold medal while one of them was also awarded the Grand Prix, showing the world's recognition of Hong Kong's innovative ideas and standards of scientific research. Besides, Hong Kong, as a city ruled by law, has retained a sound and comprehensive legal system. The city's protection of intellectual property, in particular, was overwhelmingly praised by the industry practitioners who regard it as a big reason for them to remain their base in Hong Kong.

Proactive Policy Support

Following the establishment of the ITB last year, a series of funding and policies totaling over HKD4.6 billion was introduced in 2016 Policy Address to push forward the development of innovation and technology industry. All of such have progressively given greater policy support to Hong Kong's re-industrialisation.

Added to the existing ITF, Mr Young also calls people's attention to the HKD2 billion Midstream Research Fund announced by the Government, which aims to boost universities' incentives to carry out topical research in key technology areas and prompt the commercialisation of research results. Also, the Government has already adjusted the industrial estate policy to investigate the plan of constructing mutli-storey industrial buildings in Tseung Kwan O Industrial Estate for the innovation and technology industry which would provide one-stop services starting from R&D, prototype making, product design, manufacturing, testing and distribution, administrative management to marketing to brand building.

Various Institutions' Promotion

Hong Kong' progress in re-industrialisation also rests in the momentum jointly built by institutions such as HKSTP, HKPC and Cyberport.

For the purpose of bringing in manufacturing and services adopting brand-new or improved technology or production

「機械人技術」及「智慧城市」三方面的研發,打造 「香港發明」、「香港設計」及「香港製造」三環緊扣 的產業鏈。

麥鄧碧儀亦指,生產力促進局一直協助本港企業升級 轉型,拓展高增值的業務。當局正積極推出多個推動 智能生產及先進技術的支援項目,包括3D打印、 智能機器人及隨形冷卻技術等,協助業界作好準備落實 「再工業化」。

數碼港則會透過共用工作間的概念、創意微型基金 以及提供租金實惠和租期靈活的辦公地方,鼓勵有志 創業人士配合業界及市場的最新發展構思及開發原型 產品,在資訊及通訊科技業的發展上推進「再工業化」 的進程。

procedures, the HKSTP has provided a full range of fundamental supporting services as well as low-cost land and facilities to companies. It has also set up various incubation programmes to assist technology start-ups. Mr Young expresses that the Corporation would like to create a firmly interlocked industry chain encompassing the elements of "Invented by Hong Kong", "Designed by Hong Kong" and "Made in Hong Kong" by advocating "Healthy Ageing", "Robotics" and "Smart City".

Mrs Mak also points out HKPC's persistent efforts in assisting local enterprises' upgrading and transformation to explore into the high value added business arena. The Council has been rolling out various supporting project with an aim to proactively drive smart production and advanced technologies, including 3D printing, intelligent robots and conformal cooling technology proactively, aiding the industry to get ready for re-industrialisation.

By raising the concept of shared working space, launching of Cyberport Creative Micro Fund and providing working space at concessionary rents with flexible tenancy terms, the Cyberport has endeavoured to encourage start-up businesses to plan and develop prototyping products according to the industry's needs and latest market trends, impelling the advancement the advance of re-industrialisation in terms of the spectrum of information and communications technology.

工總推動先進製造業起飛 **FHKI Drives Advanced Manufacturing Development**

作為香港工業界代表,工總一直致力推動本港工業發 展,並積極與以上機構攜手,主動建立多方合作平台, 透過舉辦研討會、參觀及夥伴企業關係支持以創新及科 技推動香港的「再工業化」,及為會員提供最新資訊。

與此同時,工總亦與港科院建立了策略夥伴關係 計劃成立常設機制開拓互動交流平台,結合科研及工業 發展,推動科研成果在工業的實際應用。

「香港製造 | 為香港經濟貢獻良多,至今在國際上 仍為許多商家的信心標誌,香港工業的信譽及口碑 為人稱道,產品質量更受多國青睞,業界應把握新 「再工業化」所帶來的機遇,續展香港工業輝煌。

Playing the role of Hong Kong's industry's representative, the FHKI has never stopped to drive local industry's development and has actively worked with the above institutes. Through organising various activities such as seminars, visits and being their strategic partners, the FHKI sets up multilateral co-operation platforms, supports Hong Kong's pursuit of re-industrialisation with innovation and technology and keep members abreast of the latest

Meanwhile, a milestone worth noting is our strategic partnership established with the Academy of Sciences of Hong Kong to increase publicity of activities related to industrial technology elevation and to work together to take relevant technology into the next level. The two parties will devise a standing mechanism to pioneer the creation of an interactive communication platform, hastening research-industry development and fostering the practical application of research results in actual production.

The contribution of "Made in Hong Kong" products to the local economy has long been well recognised and such tag has still remained in the heart of many traders in the world a symbol of confidence. With the goodwill and unrivalled reputation of Hong Kong industry, together with the quality products highly appreciated by many other countries worldwide, practitioners in the industry should be ready to grab hold of the new round of opportunities brought about by re-industrialisation to reinvent Hong Kong industries.





榮獲ISO9001 品質認證









01 龍記標準模架

模具標準化在中國已經是大勢所趨,使用標準件的高 性價比優勢,成為用家的最佳選擇。在模架的精度已進 一步提升之後,龍記再推出更多的追加工服務,使標準 模具的用家達至更加省時、省力、省錢。





增值加工服務
②精質預施
②分中頂框及(Ø35)
②附位訂
②計板準(EGP)
②等性(達訂)型模
②如於穿拍板

02 特大模架加工服務

除了華南河源廠現有的600多台大型及精密加工中心之外,杭州廠新增的特大模架加工設備包括大型五軸加工中心、五面加工機、大型龍門加工中心、臥式三軸及四軸加工中心、五軸及四軸深孔鑽床及精密大型平面磨床等,共計已超過一百台。龐大的工程人員隊伍,配合先進的繪圖及編程軟件,確保能滿足各類型模具製造廠的需求。





03 龍記高精模架

龍記高精模架以先進精密的設備,於溫控車間生產。 從材料到檢測都用心去做,為出口以至國產精密模具 配套。





04 龍記模架配件

導柱導套是模架最重要的配件。龍記與鋼廠緊密合作,從 原材料開始,就為質量把關;加上全自動的數控車床生產 線,使產品質量更為可靠。





05 優質鋼材

產品種類更齊全,無論高精優質或大眾化經濟型的產品,一應俱全,適合不同用家的需要。除了全球採購的 LKM系列優質模具鋼之外,還推出CN系列的國產模架 用鋼,為一般需求的模架用鋼提供更多選擇。





06 鋼材熱處理服務

杭州廠除新增的六個真空熱處理爐為客戶提供一站式 服務之外,我們還增設了中碳鋼及P20調質服務,加上 容積更大的消除應力爐,更快速為特大模架及模具生 產廠配套。





07 網上認證

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INDUSTRY NEWS

從願景到現實:「工業4.0」

資料提供:《香港工業家》 Contributed by Hong Kong Industrialist

FROM VISION TO REALITY: "INDUSTRY 4.0"



一場圍繞「工業4.0」的革命已悄然興起,全球各國正昂然邁進數碼化時代,對經濟、工業和城市建設進行改革。智慧科技是「工業4.0」的精髓,卻同時為工業界帶來重大挑戰。這篇報導闡釋「工業4.0」所提倡的改革,亦探討其如何為各地工業帶來改變。

The revolution brought about by "Industry 4.0" is already on its way. The globe is now moving toward digitalisation to transform the economy, industries, and urban infrastructure. While smart technologies are backbone of "Industry 4.0", it also means great challenges for the industries. This article sketches out this gathering force and peeks into the latest global and local footprints in the midst of evolving changes.

「工業4.0」的時代

2010年,德國聯邦政府率先於《2020高科技戰略》 中提出「工業4.0」的概念,並將其列為十大前瞻項目 之一。「工業4.0」旋即引領一段由資訊系統過渡至 資訊物理系統的演進,更於工業界掀起了激烈討論。 這同時標誌著由物聯網及務聯網主導,以智慧網絡連接 現實與虛擬世界的第四次工業革命。其他發展經濟體亦 隨後制定類似政策,包括美國為改善創新能力及工業 人才管理的《先進製造夥伴聯盟》;由歐盟提出以數碼 化歐洲工業的《地平綫2020》;日本以規劃物聯網及 科研系統發展的《2015製造白皮書》;以及由中國 倡導以刺激內地實踐創新及轉型智能工業的《中國 製造2025》。中國與德國更於第十屆亞歐會議中共同 發表《中德合作行動綱要》,表示兩國將就對話機制、 科研、訂立「工業4.0」標準、工業設計、智能製造及 人才交流培訓六方面展開合作,開創了中德工業合作的 新里程。全球主要經濟發達國家和地區正為躍進科技 新時代鋪路,亦關注在本土把工業重塑。

In the Era of "Industry 4.0"

In 2010, the Federal Government of Germany first introduced "Industry 4.0" in its High-Tech Strategy 2020 as a part of its 10 future projects. This new concept of technological evolution from information system to cyber-physical systems has sparked heated debates in the manufacturing sector. It also represents the fourth industrial revolution toward an Internet of Things (IoT) and Services (IoS), featuring an intelligent networking to incorporate the real and virtual worlds. Similar policy initiatives are also observed in the US's Advanced Manufacturing Partnership which aims to strengthen innovation and industrial talent pipeline in the country; the EU's Horizon 2020 to digitalise European industries; Japan's 2015 Manufacturing White Paper on developing IoT and research and development (R&D) systems; and China's Made in China 2025 to stimulate innovation and intelligent industrial transformation on the Mainland. At the 10th Asia-Europe Meeting, China and Germany released the Action Outline for China-Germany Co-operation that outlines the co-operation between the two nations on "Industry 4.0", which is expected to become the new impetus for China-Germany industrial partnership. All the aforementioned initiatives reflect the global attention to revitalise industries and its path toward a new technological era.

表一:從「工業1.0」到「工業4.0」

Graph 1: From "Industry 1.0" to "Industry 4.0"

工業 1.0 Industry 1.0 工業 2.0 Industry 2.0 工業 3.0 Industry 3.0

工業 4.0 Industry 4.0

以水力及蒸氣發電 生產

Water-andsteam -powered manufacturing 以電能實踐勞動分工 和大批量生產

Electrically-powered mass production based on division of labour

通過電子及資訊科技 實行自動化

Use of electronics and IT to achieve automation

運用信息物理系統

Cyber-physical system utilisation







1900年代初 Early 1900s



1970年代初 **Early 1970**s

2010年起 From 2010 onwards

從18世紀到19世紀間,第一、二及三次的工業革命已觸發了數次產業轉型,為全球帶來經濟增長及提升各國生活水平。水力及蒸氣發電、自動化以及其他電子與資訊科技的創新技術已為製造業帶來無可比擬的生產力和利潤(見表一)。根據德國聯邦外貿與投資署的資料,「工業4.0」在於從集中生產到分散生產的模式轉移,籍由創新科技顛覆一般傳統生產邏輯。1換言之,工業機器不再只是生產工具,它們還可以與產品互相溝通,提供更適切的生產,締造更分散、更靈活的供應鏈。

香港科技大學電子及計算機工程學系宋思齊教授指,「工業4.0」的發展已愈趨成熟,為智能電話、傳感器、機器人及資訊通訊技術等創新領域持續穩步發展。他解釋:「這輪創新智能浪潮是連繫科技的重心,亦能廣泛應用於智能裝置、智慧城市、智能生產及大數據。2020年,能夠連接至物聯網的裝置數目估計能高達500億。」因此,「工業4.0」將徹底改變產業、生產價值鏈及商業模式。

During the 18th and 19th centuries, the first, second and third industrial revolution drove new manufacturing modes that fuelled the global economic growth and new standards of living across nations. Water and steam power, automation of all types, and other innumerable advancements in electronics and information technology offered manufacturers unparalleled levels of productivity and profitability (See Graph 1). According to the Germany Trade and Invest, "Industry 4.0" is a paradigm shift from centralised to decentralised production, made possible by technological innovations which constitute a reversal of conventional production process logic. In other words, industrial machinery no longer simply processes the products, but products are capable of communicating with the machinery, hence production will become more tailormade, supply chains more fragmented and more flexible.

Prof Michael Sung from Department of Electronic & Computer Engineering, Hong Kong University of Science and Technology (HKUST) brings up that "Industry 4.0" is finally coming of age with advances in smartphones, sensors, robotics, and information communications technology reaching maturity and critical mass. He explains, "This smart innovation wave is at the nexus of technologies that encompasses applications in smart devices, smart cities, advanced manufacturing, and big data and it is estimated that there will be 50 billion connected IoT devices by 2020." It is anticipated that "Industry 4.0" shall radically transform industries, production value chains and business models and give birth to smarter factories.

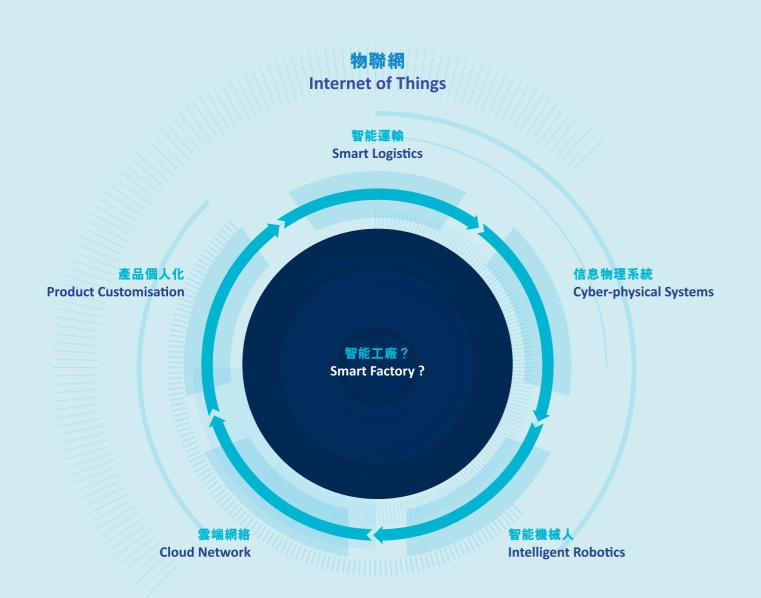
¹ "Industry 4.0 – Smart Manufacturing for the Future". Germany Trade and Invest. 2012.

INDUSTRY NEWS

智能生產的願景 A Vision of Smarter Production

表二:智能工廠的組成部分

Graph 2: Key Components of a Smart Factory



服務聯網 Internet of Service 智能工廠是工業未來的願景,其關鍵在於融合資訊物理 系統、機器人、內置系統與網絡、物聯網及務聯網, 以提供實時回應。

香港理工大學工業及系統工程學系副教授葉偉雄博士表示,智慧工廠的概念主要在裝置設備系統,以及個人化定制的可行性上。他説:「有部分學者認為『工業4.0』就是將資訊物理系統從『3C』提升到『6C』,亦即在計算(Computing)、通信(Communication)和控制(Control)的基礎上,增加了內容(Content)、社群(Community)、與個人化定制(Customisation)三個範疇。此轉變能迎合『多品種、多批量』及『款多量少』的精密型工業生產模式,締造更高效能及更環保的生產。」

以西門子公司為例,它位於德國的電子製造工廠是世界上首批備受肯定的智能工廠之一。其設計完善的智能工廠利用高數碼效能的智慧器械,以協調旗下「Simatic」系列控制裝置的整個生產和全球運輸過程。該工廠採用了由16億個組件所組成的面向訂單生產系統,每年能創造出超過五萬個的產品種類。然而,根據高德納公司的研究指出,工廠只錄得百萬分之十五的產品破損率,而在其新增的生產線中,可靠率及可追溯率更分別高達99%及100%。2

The vision of the industrial future—smart factory is generally characterised by the deployment of cyber-physical systems, robotics, embedded systems and networks, as well as the IoT and IoS to provide significant real-time quality responses.

Hong Kong Polytechnic University (PolyU) Department of Industrial and Systems Engineering Associate Professor Dr Andrew Ip notes that the concept of smart factory is largely on the equipment system and the feasibility of customised manufacturing. "Some scholars pointed out that 'Industry 4.0' could be explained as the advancement from '3Cs' to '6Cs'. That is adding components of 'Content', 'Community' and 'Customisation' to 'Computing', 'Communication' and 'Control' to achieve a precision-oriented production model of greater variety in high volume and more styles in small batches product-wise to generate an advanced, efficient and green production" he says.

Taking the Siemens Electronic Works Germany as an example, it is one of the first plants that achieved a relatively high level in that pursuit. The high-tech facility vibrates with smart machines to coordinate the production and global distribution of the company's Simatic control devices, with a custom, built-to-order system comprised of more than 1.6 billion components to generate over 50,000 annual product variations. And yet, according to Gartner Industry Research, the factory only records about 15 defects per million and enjoys a 99 per cent reliability rate and a 100 per cent traceability on its expansive lines.²

香港可如何走「工業4.0」之路?

How can Hong Kong Come to Grips with "Industry 4.0"?

大數據及雲計算

過去十年,製造業不斷鑽研大數據分析,利用收集的生產數據節省成本及提升機械效能。其中雲計算能為製造商帶來業務增長及拓展的機遇,尤以對中小型企業及創意工業的幫助最為顯著。隨著雲端網絡日益普及,電子商務及智能電話應用程式已成為互聯網上的主要營商渠道,使大數據分析更受重視,它能為香港企業在生產、運輸監控、消費習慣、產品需求及供應各方面提供更準確的數據。

Big data and Cloud Computing

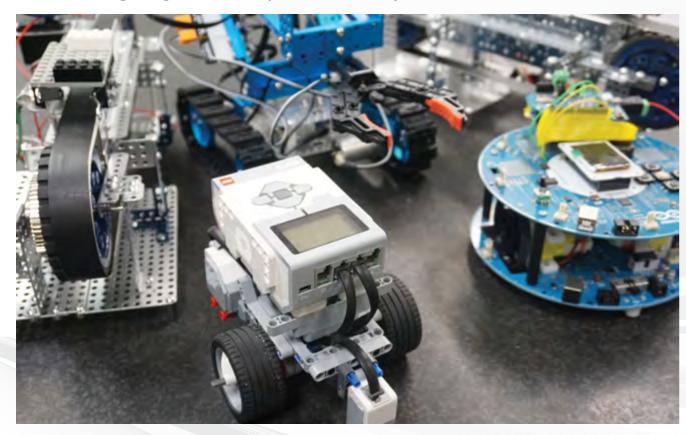
In the past decade, analytics on big data sets have been active in the manufacturing sector, where it optimises production statistics, saves costs, and improves machinery performance. Cloud computing, in particular, offers manufacturers immense opportunities for business growth and expansion, especially to the small and medium-sized enterprises and those in creative industries. In view of the increasing range of applications on cloud-based networks, e-commerce and smart phone applications have become the main business streams over the internet, giving rise to the popularity of big data analytics, which offer Hong Kong enterprises greater visibility into manufacturing accuracy, logistics monitoring, consumer habits and forecast on product demand and supply.

² "The Dawn of Smart Factory". Industry Week. 14 Feb 2013





香港可如何走「工業4.0」之路?- 續 How can Hong Kong Come to Grips with "Industry 4.0"? - continue



機器人

高效能的自動化技術是「工業4.0」的指標之一,很多工業已將其應用到機器人以處理繁複的生產工序。日本企業亦紛紛度身訂製各類服務型機器人,例如在三菱東京日聯銀行負責前台服務及在日本科學未來館中擔當導賞員的人型機械人,便是近年機器人應用的重大突破。事實上,部分港商亦已投資高端科技以升級智慧化生產,其中一些從事五金塑膠生產及電子專業代工業務的企業亦近年積極發展全自動化生產,購入大量機械臂應用於五金沖壓線的生產工序,穩健地展開「工業4.0」的轉型計劃。

在機器人發展日趨成熟之際,其自動化效能、靈活性及合作性將會在工業生產中發揮更大作用。香港現有的兩家機器人中心,分別為集中研發機器人與機器學習領域的科技大學機器人研究中心,以及提供機器人應用示範、專業顧問服務及培訓的香港生產力促進局智慧機器人中心。兩家中心都能有助推廣工業機器人應用,從而加快香港工業從智能技術層面轉型升級。

Robotics

High-performance automation comes as standards in "Industry 4.0" whilst many industries have long been using robotics to tackle complex assignments. For instance, robots are taking off in Japan and companies are tailoring robots to facilitate services such as the humanoid robots at the Tokyo branch of Bank of Tokyo-Mitsubishi's reception and the robot guides in the National Museum of Emerging Science and Innovation. These trailblazing utilisations have achieved prominent breakthroughs in recent robotic applications. Back in Hong Kong, some local manufacturers in fact have already captured the trend and invested in technological innovations for smarter production. Among them, some enterprises engaged in metallic, plastics products production and electronic manufacturing services, have been developing a fully automated manufacturing system by widely utilising robotic arms on its metal stamping lines in recent years, sturdily stepping on the way to "Industry 4.0".

As robotics is now evolving for even greater utility, robots are expected to become more autonomous, flexible, and cooperative and will play a greater role in the industrial field. At present, there are two centers dedicated in this area with different pursuits, including the Robotics Institute in HKUST that draws on innovations in robotics and machine learning and the RoboticsOne by Hong Kong Productivity Council which offers demonstrations, professional consultancy services and related trainings, while it is believed that both centers are capable of promoting the application of industrial robotics and driving the transformation and upgrade of Hong Kong industries in terms of smart technologies.

工業物聯網

在工業物聯網下,很多日常設備及產品均可借助先進技術,輔以內置計算的功能。香港企業可借助如位於香港科學園的香港物聯網科技應用中心和香港物流及供應鏈管理應用技術研發中心所提供的科研及技術支援服務,提升他們在物聯網應用上的競爭力。

Industrial IoT

With the industrial IoT, more devices and even products will be enriched with embedded computing and are connected using advanced technologies. Hong Kong enterprises can get related R&D support and technical assistance from Hong Kong IoT Centre of Excellence at Hong Kong Science Park and The Hong Kong R&D Centre for Logistics and Supply Chain Management Enabling Technologies to further enhance their capabilities of developing local IoT applications.

科研創新與科技轉移

R&D Advancement and Technology Transfer



近年香港的科研實力正逐步鞏固。然而,一個全面的科技生態系統並不止於由科研與學術機構所形成的知識聯網,還需連接跨界別的商業聯網,彌合科研成果與產業化之間的差距。宋思齊教授指出,香港的科技轉移建基於兩大主要範疇,包括資源及一個可靠的生態系統,讓創新科技能夠成功產業化。他強調:「除自身的科研工業作外,香港應同時聚焦於轉移海外各種物聯網和「工業4.0」的創新科技,創造一個跨領域的平台,使海外企業與鄰近的生產供應鏈得以連接。這不僅能讓香港接觸到海外的尖端科技,亦能將其融入本地生產,同時亦能善用政府資源去開拓國內的龐大市場。」

In recent years, Hong Kong has been making headways to strengthen the city's potential for R&D. Yet, an all-round technological ecosystem does not depend solely on the knowledge network created among R&D institutions and academics, but also requires further integration with interdisciplinary business clusters to bridge gaps between research and commercialisation and to leverage the rich research resources. Prof Sung points out that there are two particularly important aspects regarding technology transfer in Hong Kong, which are resources and a credible eco-system in place to expedite commercialisation. "In addition to the city's R&D roadmap, Hong Kong should focus on transplanting the best innovative IoT and "Industry 4.0" technologies from abroad by creating an interdisciplinary platform to offer companies access to the manufacturing supply chains in the Pearl River Delta (PRD). Thus, the city can capitalise on bleeding-edge innovations from abroad coupled with the ability to truly operate locally so as to leverage the governmental resources and access the huge market in China," he stresses.



科研創新與科技轉移

R&D Advancement and Technology Transfer

政府資助方面,創新科技署轄下的「創新及科技 基金」已於過去15年間批出超過5,000個科研項目, 合共109億港元的資助金額。3當中的 「大學與產業合作計劃」旨於鼓勵香港私營企業 推行更多研究發展工作,為他們分擔項目成本, 並加強本地大學與企業間的合作關係。除此之外, 政府亦將推出「院校中游研發計劃」,鼓勵高等 院校從事中下游的應用研究,尤其集中在智慧 城市、健康老齡化等主題,以支持香港經濟及社會的 良性發展。

Regarding Government funding, the Innovation and Technology Fund (ITF) has funded more than 5,000 projects with about HKD10.9 billion over the past 15 years. 3 Under the ITF scheme, the University-Industry Collaboration Programme aims at stimulating private sector's interest in R&D projects. A grant is given to the applicant's R&D activities, while encouraging further co-operation in the area between academia and industries. In addition, the Government proposed the Midstream Research Fund to call for universities' attention to mid to low stream researches and to concentrate on topics such as smart cities and healthy ageing, which are essential engines for Hong Kong's healthy social-economic development.

人才培養

Nurturing Talent

擁有高學歷及高技術的人才是推動社會蓬勃發展的一大 動力,而為科研及創新產業確保穩定人才供應亦是邁進 「工業4.0」的先決條件。培養創新人才不單有助於經 ,亦能為社會營造一個利好創新及前瞻性思維 的環境。2009年,美國率先於創新教育運動中提倡理 科的四大核心支柱:科學、技術、工程及數學(統稱 ,以培養具有創新潛能的人才。葉偉雄博士表 示,理大已連續三年開辦了針對STEM教育的課程,並 ·個嶄新教育模式一服務性學習。此模式下,大 專學生必須先汲取相關的學科知識,然後將有關知識分 享並教導參與計劃的中學生,協助他們建立該四個學科 所需的解難能力。

在支持學生發展初創企業方面,科大推展了一系列創業 及產業化項目,其中包括與麻省理工學院及滑鐵盧大學 合辦,以增強學生初創企業可製造性設計技能的「工業 創新科技計劃」;讓香港大專生針對商業可行性、科技 應用可能性及客戶需求三大原則創造各種優化產品的 「物聯網設計馬拉松聯賽」;以及「創業指導服務 為超過30間學生初創企業提供個別企業發展 及情況所需的長期專業指導及跟進服務。宋思齊教授 「除了為學生提供專業知識,我們希望透過更多 工業合作及創業支援項目,為香港和中國兩地發展科技 轉移生態系統帶來可觀裨益。

Highly qualified, skilled personnel are central to a city's growth and prosperity, while assuring a steady supply of skilled talent for research and innovation-oriented occupations is a prerequisite to "Industry 4.0". Cultivating innovative talent not only contributes to the economy, but it rather creates an innovation-friendly environment that sparks creativity and encourages forward-thinking perspectives among all sectors. In 2009, in the US's "Educate to Innovate" Campaign, four specific disciplines, namely science, technology, engineering and mathematics (STEM), have been advocated to nurture students with technologybased skills. In Poly U, a course on STEM education has been launched for three consecutive years with a new teaching mode of service learning, in which university students have to first acquire the scientific knowledge and literacy, then share them to secondary students and help them develop the generic competencies of problem-solving required for the four key disciplines.

To support student start-ups, the HKUST has initiated a variety of entrepreneurship and commercialisation programs, including the Manufacturing Innovation Technology Program partnered with the Massachusetts Institute of Technology and the University of Waterloo to strengthen design-formanufacturing capabilities of student start-ups; an city-wide IoT Designathon Competition leading university students to develop optimised products for the market based on business viability, technology implementability and customer needs; and a Venture Mentor Service program which offers long-term mentoring with follow-up processes for over 30 student start-ups tailored to their stage of development and individual circumstances. "In addition to giving our students professional knowledge, we hope develop more industrial partnership and entrepreneurship programs like these that have the potential for impactful solutions to the growth of the technology eco-system in Hong Kong and China," Prof Sung adds.



工總積極推動「工業4.0」 **FHKI Initiatives on Industry 4.0**



香港工業總會(工總)總致力推動「再工業化」及 「工業4.0」的發展,協助傳統工業利用創新和科技轉型升 級,以及推動研發和高增值生產在香港發展。

2016年6月,工總和畢馬威會計事務所(KPMG)合辦了 「工業家論壇2016」, 激請到創新科技局局長楊偉雄和多 位來自政府、工商界、科研機構、專業服務界的講者 圍繞推進香港「再工業化」和「工業4.0」的主題,從 政府政策層面、企業實踐經驗、存在的限制、以及解決 方案等方面,進行深入討論。此外,工總折期亦與商務 及經濟發展局局長蘇錦樑等政府官員會晤,積極表達業 界對加強利用設計、品牌和創意以促進工業發展的關注 和建議。

The Federation of Hong Kong Industries (FHKI) has been committed to promoting re-industrialisation and Industry 4.0 to help traditional industries upgrade and transform through application of innovation and technology and promote the development of research and development and high value-added production in Hong Kong.

In June 2016, FHKI co-organised the Industrialist Forum 2016 with KPMG, inviting Secretary for Innovation and Technology Nicholas Yang and other speaker from the Government, business sector, research institutes and professional service sector to have in-depth discussions on a range of topics under the theme "Re-industrialisation and Industry 4.0" from the perspectives of government policies, industries' experiences, implementation constraints and their possible solutions, Apart from that, the FHKI has recently met with Secretary for Commerce and Economic Development Gregory So and other officials to raise the industrial sector's concerns and suggestions on enhancing the use of design, branding and creativity to drive industrial development.



³ "Innovation and Technology Fund Statistics of Approved Projects". Innovation and Technology Commission. 29 Feb 2016. 〈創新及科技基金撥款概覽〉。創新科技署。2016年2月29日。



工總積極推動「工業4.0」- 續 **FHKI Initiatives on Industry 4.0 - continue**

為了加深會員對「工業4.0」的了解,2016年7月初工 總主席鄭文聰教授率領一行20人的代表團到訪德國,了 解這個工業強國在數碼化、自動化及智能化等方面的發 展,以及當地中小企應用「工業4.0」的實況。四天的 行程裡,參觀二兩間中小型企業的廠房,以及生產國際 著名跑車的保時捷廠房;還到訪了多間研究院和大學, 與多位學者及研究員就「工業4.0」進行深入探討。

「工業4.0」的影響及涵蓋領域無遠弗屆,工總將繼續 尋求與各界合作,協助香港企業盡早制定目標,逐步 改革生產技術,為邁進「工業4.0」打穩根基。

To help members learn more about Industry 4.0, in July, Prof Daniel Cheng, Chairman of FHKI, lead a 20-member delegation to Germany to understand this industry power's digitalisation, automation, intelligent production, and more importantly, to see how German small and medium-sized enterprises (SMEs) have adopted Industry 4.0. During the four-day trip, the delegates visited two SME factories as well as the factory of the internationally renowned supercar manufacturer - Porsche. Delegates also had rounds of in-depth discussion with Industry 4.0 professionals by visiting various research institutes and a university.

In light of how "Industry 4.0" poses far-reaching impacts and implications on the world, the FHKI shall continue to make concerted efforts with other sectors to facilitate Hong Kong enterprises in expeditiously formulating targets and gradually transforming their manufacturing procedures to build a solid ground for forging ahead toward "Industry 4.0".



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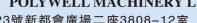
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台灣「協鴻」

高速模具加工中心



德國「GOM」 自動化光學掃描檢測單元







ACTIVITIES HIGHLIGHTS 協會活動花絮





香港模具協會及香港塑膠業協會26周年聯合晚宴 HKMDC & HKPIC 26th Anniversary Joint Dinner

香港模具協會及香港塑膠業協會聯合晚宴於2015年11月13日香港金 Hong Kong Mould and Die Council & Hong Kong Plastic Industry 嘉賓,多名工總領導亦有出席此盛會。

技園大學工學院業界交流及實習中心主任宋思齊博士及 Brinc Limited 創辦人兼行政總裁Manav Gupta亦應邀上台,在香港模具協會主席楊 A keynote speech was delivered by Mr Allen Ma, Chief Executive

交流,藉此加強不同行業間之聯繫交流,並發掘更多合作機遇。



域假日酒店順利舉行,由商務及經濟發展局局長蘇錦樑先生擔任主禮 Council have successfully held their 26th Anniversary Joint Dinner at Holiday Inn Golden Mile Hong Kong Hotel on 13 Nov 2015. Two councils were delighted to have Mr Gregory So, Secretary for 香港科技園公司行政總裁馬錦星先生於晚宴上作主題演講。香港科 Commerce & Economic Development, to be the guest-of-honor.

惊傑博士及香港塑膠業協會主席黃可嘉先生主持下,分享物聯網(IoT) Officer of Hong Kong Science & Technology Parks Corporation. Mr Michael Sung, Director of the Center for Industry Engagement and Intership of Hong Kong University of Science and Technology, 是次晚宴除了雲集本港模具及塑膠業界的行業精英、工商友好,更 and Mr Manav Gupta, Founder and Chief Executive Officer 邀請了物聯網(IoT)及創新設計企業同仁透過小型展示會與會員互相 of Brinc Limited, were also invited to be the guest speakers on a forum held by HKMDC Chairman Dr Jack Yeung and HKPIC Chairman Daniel Wong. They shared with attendees co-operation opportunities between Internet of Things (IoT) and traditional industries.

> The dinner party gathered talent and business partners of the two industries while enterprises of IoT and innovative design were invited for small showcases and exchanges views with members, strengthening the interconnection amongst different industries and helping to explore more future co-operation opportunities.



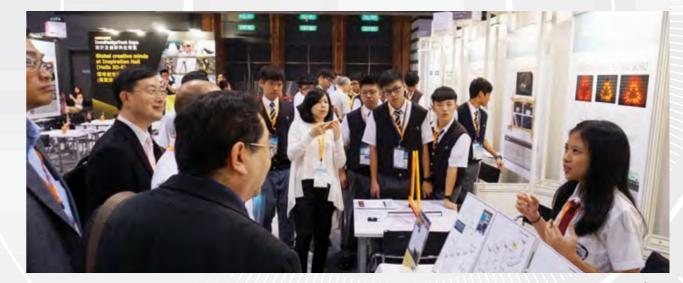


「設計及創新科技博覽」導賞團 "InnoDesignTech Expo" **Guide Tour**

年12月3日參與由貿發局安排的「設計及創新科技博覽」導賞團。模協 Boy 3D Printer、The Hong Kong Maker Club、Team More及東尼電機 等,鼓勵業界接觸和參與開發創新產品,突破傳統被動的經營模式。

HKMDC Chairman Dr Jack Yeung, Vice Chairman Mr Felix Choi and members joined the guide tour to "InnoDesignTech Expo", organised by Hong Kong Trade Development Council on 3 Dec 2015. During the tour, HKMDC members exchanged views with different design, technology and start-up companies, including Idea maker HK, Tiny Boy 3D Printer, The Hong Kong Maker Club, Team More and Tony Electronic etc. Through this tour, HKMDC hope to encourage the industry to explore and participate in developing innovative products, thus break the tradition of old business model.











《智慧生活@科學園》參觀活動 Visit to "Smart Living @ Science Park"

香港模具協會於2016年1月8日參觀由香港科技園公司舉辦的「智慧生活@科學園」展覽,感受不一樣的「智能家居」,瞭解物聯網技術如何改善生活質素,從而加速創新科技產業化。是次參觀同時亦邀請到多間科學園園區公司及合作夥伴參加,介紹新發明的特色科技及智慧方案。

Hong Kong Mould & Die Council organised a visit to the "Smart Living @ Science Park" exhibition on 8 Jan 2016. The exhibition showed a model home that addresses the needs and enhances quality of living for everyone, with an aim to enhance well-being for everyone through IoT solutions and to catalyse commercial opportunities. Some Hong Kong Science and Technology Parks Corporation's partner companies, incubates and industry partners also joined us to introduce the real technologies in creating a smart living.





18 • 03 • 2016



香港工業總會高爾夫球賽2016 FHKI Golf Tournament 2016

2016香港工業總會高爾夫球賽於2016年3月18日在深圳西麗高爾夫鄉村俱樂部順利舉行。球賽由合作夥伴銀行白金贊助,吸引了一眾高球愛好者參加,在輕鬆友好的氣氛中盡顯身手,歡度了愉快的一天。

是次高爾夫球賽的「挑戰洞贊助」為億和精密工業控股有限公司,而香港模具協會隊更奪得是次球賽的團體亞軍,實力非凡。

The FHKI Golf Tournament 2016, platinum sponsored by FHKI's partnering bank, was held successfully at Xili Golf and Country Club, Shenzhen on 18 Mar 2016. All golf enthusiasts enjoyed a fun yet competitive afternoon on the fairways.

HKMDC Team won the Team 1st Runner-Up at the tournament, where Eva Precision Industrial Holdings Ltd. was the "Challenge Hole Sponsor".









香港模具協會春茗晚宴2016 Hong Kong Mould & Die Council Spring Dinner 2016

2016年度的香港模具協會春茗晚宴於2016年3月24日深圳寶亨達 The Hong Kong Mould & Die Council Spring Dinner 2016 was 國際大酒店順利舉行,是次晚宴超過200名會員出席,場面十分 successfully held in Shenzhen on 24 Mar 2016, where over 200 熱鬧。晚宴前更邀請會員於場內展示產品及服務資訊,促進彼此 members showed up at the dinner to share this pleasant evening.

不斷升溫,歡呼聲及掌聲從未間斷。

接近晚宴尾聲,協會副主席蔡俊杰先生致謝辭時感謝籌備委員會 盡心盡力,讓一眾會員能夠聚首一堂,渡過一個愉快的晚上。

Members were invited to showcase their products and services in pre-dinner's cocktail, having a fruitful sharing with guests.

The dinner was commenced by welcoming remarks from HKMDC Chairman Dr Jack Yeung and FHKI Deputy Chairman Dr Daniel Yip. The highlight of the evening was the entertainment programmes prepared by HKMDC members, including Taekwondo, "Journey to the West" drama and drinking competition.

HKMDC Vice Chairman, Mr Felix Choi, expressed his sincere thanks to the Organising Committee for organising the dinner in his closing remarks. All members had a wonderful time, with lots of laughs and sharing.













香港自動化行業

主辦機構 Organisers







撥款資助 Funded by

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在內地推廣「香港自動化」品牌及協助業界拓展工業自動化市場 Promote the branding of "Hong Kong Automation" and assisting industry players to explore the industrial automation market in China

工總第32分組「香港自動化科技協會」獲得香港特別行政區政府「發展品牌、升級轉型及拓展內銷市場的專項基金」(機構支援計劃)撥款資助,開展一系列推廣智能製造、協助業界進軍內地市場的活動。這個為期兩年的項目提供不同行業自動化科技資訊,加強「香港自動化行業」形象,提升港企的競爭力和技術水平。在8月30日,協會成功舉辦「香港自動化工業:工業自動化(五天)考察團」,帶領業界考察上海及蘇州自動化設備和應用企業。

Hong Kong Automation Technology Council (HKATC), Group 32 of the FHKI, has applied the Dedicated Fund on Branding, Upgrading and Domestic Sales (Organisation Support Programme) of the Government of the Hong Kong Special Administrative Region to launch a series of programme for promoting intelligent manufacturing and exploring the Mainland automation market. This 2-year project aims to provide technology information to automation industry and strengthen the competitiveness and image of "Hong Kong Automation Industry". HKATC successfully organised "Hong Kong Automation Industry: Mission to Shanghai and Suzhou" on 30 August. A series of factory visits, meetings and exchange sessions were arranged in this 5-day mission to facilitate industry players to grasp on the needs and applications of automation in Shanghai and Suzhou.



活動預告 Upcoming Events

14-15/03/2017

工業自動化國際論壇 International Industrial Automation Forum

邀請超過20位來自世界各地講者分享行業技術及最新市場發展,擴闊國際網絡視野 Over 20 international speakers will be invited to share the trends and technologies of automation to industry players

28-30/06/2017

2017華南國際工業自動化展覽會 - 香港館 Hong Kong Pavilion @ "Industrial Automation Shenzhen 2017"

為業界提供一個展示自動化創新技術及產品的平台,開拓內地市場

To provide a platform displaying up-to-date technologies and automation products of Hong Kong automation industry



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在此刊物上/活動內(或項目小組成員)表達的任何意見、研究成果、結論或建議,並不代表香港特別行政區政府、工業貿易署或中小企業發展支援基金及發展品牌、升級 轉型及拓展內銷市場的專項基金(機構支援計劃)評審委員會的觀點。

Any opinions, findings, conclusions or recommendations expressed in this material/event (or by members of the Project team) do not reflect the views of the Government of the Hong Kong Special Administrative Region, Trade and Industry Department or the Vetting Committee of the SME Development Fund and the Dedicated Fund on Branding, Upgrading and Domestic Sales (Organisation Support Programme).







跨行業廠房參觀活動

(信昌國際精密五金製造有限公司及鴻利達模具有限公司)

Cross-industry Factory Visit

(Sun Strong Precision Metal International Ltd. and Hongrita Mold Ltd.)

為促進業界與其他行業的交流及瞭解其他行業的生產模式,香港模具協會特意於2016年4月21日舉辦跨行業廠房參觀交流活動,到訪信昌國際精密五金製造有限公司及鴻利達模具有限公司的廠房,讓會員深入了解精密塑膠模具及五金沖壓廠房的營運模式,及兩者在產業鏈當中密不可分的關係,繼而探討發展的契機。

To facilitate cross-industry collaboration and understand the production process of other industries, Hong Kong Mould & Die Council organised a cross-industry factory visit to Sun Strong Precision Metal International Ltd. and Hongrita Mold Ltd. on 21 Apr 2016. The visit aimed at increasing members' understanding of the operation mode and inseparable relationship between high precision plastic molding and metal stamping industry, thus explores development opportunities for collaboration.







國際橡塑展2016 CHINAPLAS 2016

工總第14分組香港模具協會連續四年於CHINAPLAS模具及加工設備專區設立「香港館」,協助業界開拓內地業務。2016年的 CHINAPLAS於4月25-28日假上海新國際博覽中心舉行。七家「香港館」參展商,包括:鴻利達塑膠製品(深圳)有限公司、東江模具(深圳)有限公司、健大電業製品(昆山)有限公司、深圳市南和建毅模具有限公司、立志模具有限公司、群達模具(國際)有限公司及堅達橡膠科技有限公司,向來自世界各地的買家展示在汽車、五金、醫療、塑膠行業方面的模具技術和產品。





Hong Kong Mould & Die Council has set up its 4th "Hong Kong Pavilion" at the Die & Mould Zone in CHINAPLAS 2016. The 30th CHINAPLAS is held on 25 -28 April 2016 at the Shanghai New International Expo Centre. 7 exhibitors of Hong Kong Pavilion, including Hongrita Plastics (Shenzhen) Limited, TK Mold (Shenzhen) Limited, Kenta Electronic Mfg (KunShan) Co., Ltd., Shenzhen Jianyi Plastic Mould Limited, Lap Chi Moulding Co., Ltd., Kunda Mould (Int'l) Company Limited and Kintat Rubber Technology Limited, demonstrated their products and technologies of automotive, metal parts, medical and plastics to buyers all around the world.











香港理工大學工程學院參觀活動

VisittoFacultyofEngineeringofTheHongKongPolytechnicUniversity

香港模具協會於2016年5月6日到訪香港理工大學,與工程學院院長文効忠教授及工業及系統工程學系系主任陳鏡昌教授等多位教授對談及參觀研究設施,從而協助會員瞭解更多創新科技、本地科研項目及未來發展方針,為業界開拓新商機。

To facilitate technological development and explore new business opportunities, Hong Kong Mould & Die Council organised a visit to Faculty of Engineering of The Hong Kong Polytechnic University on 6 May 2016. Along with being shown the local research projects and touring the research facilities, HKMDC members lively exchanged their view with Dean of Engineering, Professor HC Man, Professor and Head of Department of Industrial and Systems Engineering Professor K.C. Chan etc.









第十一屆籃球錦標賽 2016(中國區) HKMDC Basketball Championship 2016

香港模具協會第十一屆籃球錦標賽於2016年7月2日深圳市龍崗區順利舉行,由香港模具協會執委黃俊源先生及林志榮先生主禮及開球。是次錦標賽共有五家會員公司參加,更邀得香港壓鑄及鑄造業總會派出隊伍作賽,場面甚為熱鬧。經過多場激烈的賽事,最終由鴻利達模且有限公司奪得冠軍。錦標賽賽果如下:

冠軍:鴻利達模具有限公司 亞軍:東江模具(香港)有限公司 季軍:順景園精密鑄造(深圳)有限公司 優異獎:精英制模有限公司、金德精密五金有限公司

The 11th Hong Kong Mould & Die Council Basketball Championship was held successfully in Shenzhen on 2 Jul 2016. The Championship was officiated and kick-off by HKMDC executive member, Mr Johnny Wong and Mr Leslie Lam. Five companies from HKMDC and Hong Kong Diecasting and Foundry Association enthusiastically participated in the competition. After some back and forth scoring, Hongrita Mold Team secured the victory in the finals. Championship results are as follows:

Champion: Hongrita Mold Ltd.
Silver Medal: TK Mold (Hong Kong) Ltd.

Copper Medal: Shun King Diecast Mould Manufacturer
Silver Plate: Ace Mold Co. Ltd..and Kingdom Fine Metal Ltd.













參觀香港生產力促進局 Visit to Hong Kong Productivity Council

香港模具協會於2016年7月12日參觀香港生產力促進局的「3D打印 體驗廊」及「隨形冷卻技術中心」,協助業界了解最新3D打印技術

In order to increase the understanding and adoption of 3D printing technology, Hong Kong Mould & Die Council organised a visit to "3D Printing Support Centre" and "Conformal Cooling Technology Centre" in Hong Kong Productivity Council on 12 Jul 2016.









跨行業廠房參觀活動

(廣州導新模具注塑有限公司及美的集團屬下的廣州華凌製冷設有限公司)

Cross-industry Factory Visit

(Datamatic Guangzhou Injection Mould Co., Ltd. & Guang Zhou Hua Ling Airconditioning Equipment Co., Ltd under Midea Group)

香港模具協會及香港自動化科技協會已於2016年8月4日順利合辦跨 智能化工廠設備與管理系統,同時藉此機會互相交流。

Hong Kong Mould and Die Council and Hong Kong Automation Technology Council co-organized a cross-industry factory visit on 4 Aug 2016. Members visited Datamatic Guangzhou Injection Mould Co., Ltd. in Panyu and Guang Zhou Hua Ling Air-conditioning Equipment Co., Ltd under Midea Group in Nansha. The visit provided an insightful experience on the advanced technologies of auto part moulding and the intelligent automation processes and management systems of air conditioning equipment manufacturing. It gave an important occasion for members of the two industry groups to share technical views and extend collaboration.











第7、14、15及18分組:

「跨組別特色魚、龍蝦、蟹海鮮與日本清酒配對晚宴」

Group 7, 14, 15 & 18:

Delightful Seafood & Sake Pairing Cross Group Dinner

第18分組(香港工業支援服務協會)聯同第7分組(金屬加工製品及鋼鐵與有色金屬基本工業及機械)、第14分組(香港模具協會)及第15分組(香港塑膠業協會)舉辦「跨組別特色魚、龍蝦、蟹海鮮與日本清酒配對晚宴」,近30名會員出席。工總名譽會長孫啟烈、工總副主席楊悰傑博士,多位分組主席及副主席均到場歡聚。

Group 18 (Hong Kong ProServices Council) co-organised another Delightful Seafood & Sake Pairing Cross Group Dinner with Group 7 (Fabricated Metal Products and Iron, Steel and Non-ferrous Metal Basic Industries and Machinery), Group 14 (Hong Kong Mould & Die Council) and Group 15 (Hong Kong Plastics Industry Council). Nearly 30 members attended the dinner. FHKI Honorary President Cliff Sun, FHKI Deputy Chairman Dr Jack Yeung, group chairmen and vice-chairmen also enjoyed the dinner.









科泰模具(香港)有限公司 PRO-TOOLING (HK) LIMITED



Specialize in mold design & manufacturing
3D CAD modeling and model making

專業模具設計與製造 模型設計及製作



Hong Kong Office

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科泰金型塑胶制品 (深圳) 有限公司 Pro-Tooling (SZ) Limited

China Factory

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NUM® 新井模具配件 **MOULD COMPONENTS**



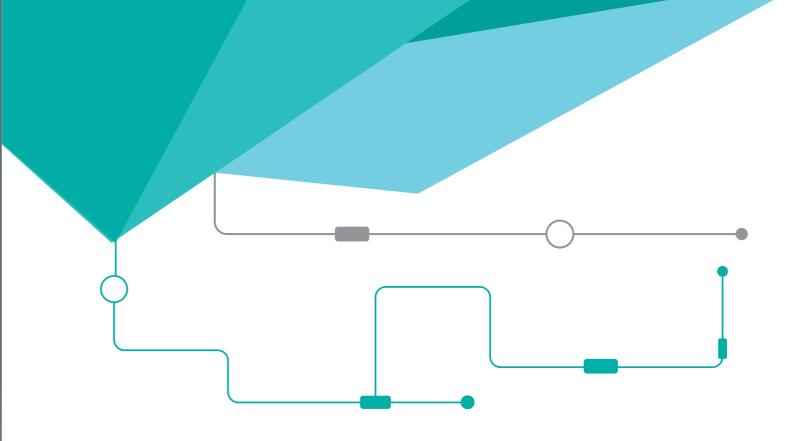
模具配件專業制造廠 pecialize in Mould Components



香港葵涌工業街2-8號力豐工業大厦六樓A-B座 Tel電話: 852-2421351 (8綫) Fax傳真: 852-2480 5549 or 2401 3191 Email電郵: info@newwell.com Website 網站: www.newwell.com

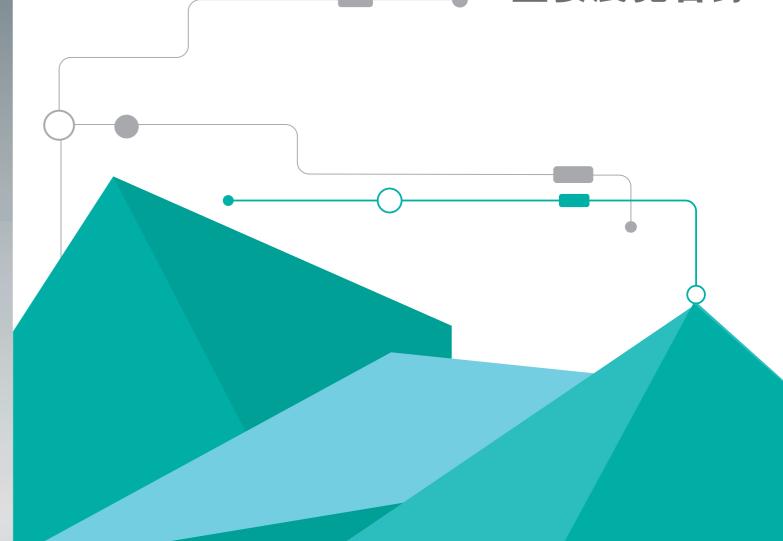
DONG GUAN NEW WELL METALWARE CO.,LTD.

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IMPORTANT EXHIBITION LIST

重要展覽目錄





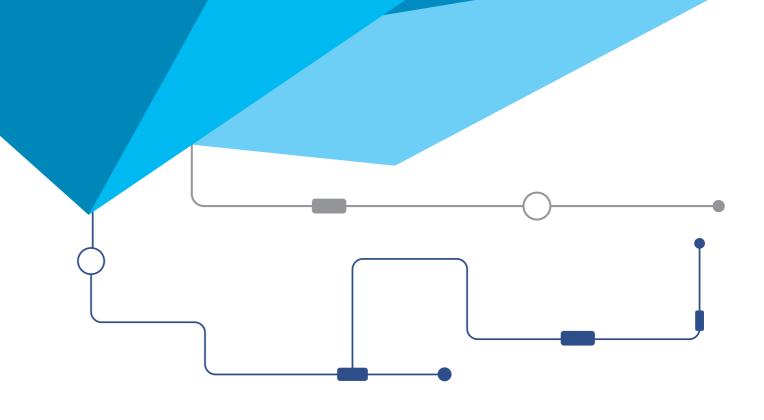
	展覽	日期	地點	舉辦機構	展覽	日期	地點	舉辦機構
	K展2016	19/10/2016 - 26/10/2016	德國●杜塞爾多夫	德國杜塞爾多夫展覽公司	BURSA IRON - STEEL Iron - Steel, Casting, Non-Ferrous Metals, Product and Manufacturing Machinery Fair	1/12/2016 - 4/12/2016	Turkey • Bursa	Tüyap Fairs and Exhibitions Organization Inc.
	香港貿發局香港眼鏡展	9/11/2016 - 11/11/2016	香港	香港貿易發展局	MOULD EURASIA Mould, Mould Technologies, Side Industry and Sheet Metal Fair	1/12/2016 - 4/12/2016	Turkey • Bursa	Tüyap Fairs and Exhibitions Organization Inc.
	MOULD & DIE INDONESIA Il Exhibition on Die & Mould Technology and Equipment	16/11/2016 - 19/11/2016	Indonesia ● Jakarta	PT Pamerindo Indonesia	印度國際LED照明展覽會	2/12/2016 - 4/12/2016	印度 ● 新德里	法蘭克福展覽(香港)有限公司
2016	一 廣州國際汽車零部件及用品展覽會	18/11/2016 - 22/11/2016	中國●廣州琶洲	雅式展覽服務有限公司	EUROMOLD World Trade Fair for Mold making and Tooling, Design and Application Development	6/12/2016 - 9/12/2016	Germany ● Dusseldorf	Messe Frankfurt GmbH
•	亞洲物流及航運會議	22/11/2016 - 23/11/2016	香港	香港貿易發展局	PLAST EURASIA International Istanbul Plastic Industries Fair	7/12/2016 - 10/12/2016	Turkey • Istanbul	Tüyap Fairs and Exhibitions Organization Inc.
第十	, 六屆越南國際紡織暨製衣機械展	23/11/2016 - 26/11/2016	越南 ● 胡志明市	訊通展覽公司	TEKNO Machine Tools, Wood Working, Welding, Moulds & Dyes Exhibition	1/2017 - 1/2017	UAE - United Arab Emirates • Dubai	Al Fajer Information & Services
Internationa	NILE PLAST Il Exhibition for Plastic Industries and Tech <u>no</u> logy	24/11/2016 - 27/11/2016	Sudan • Khartoum	Vision Ltd.	・・・・・・・・・・・・・・・・・・・・・・・・・・・・・・・・・・・・	9/1/2017 - 10/1/2017	香港	香港貿易發展局
第二屆	廣東國際機器人及智能裝備博覽會	29/11/2016 - 2/12/2016	中國 ● 東莞	訊通展覽公司	香港貿發局香港國際授權展	9/1/2017 - 11/1/2017	香港	香港貿易發展局
第十	八屆東莞國際模具及金屬加工展	29/11/2016 - 2/12/2016	中國 ● 東莞	訊通展覽公司		9/1/2017 - 12/1/2017	香港	香港貿易發展局
第	十八屆東莞國際塑膠及包裝展	29/11/2016 - 2/12/2016	中國 ● 東莞	訊通展覽公司	香港貿發局香港嬰兒用品展	9/1/2017 - 12/1/2017	香港	香港貿易發展局
	第六屆國際(東莞)鑄業展	29/11/2016 - 2/12/2016	中國 • 東莞	訊通展覽公司	香港貿發局香港玩具展	9/1/2017 - 12/1/2017	香港	香港貿易發展局
2016東	● ● ● ● ● ● ● ● ● ● ● ● ● ● ● ● ● ● ●	29/11/2016 - 2/12/2016	中國 ● 東莞	訊通展覽公司	亞洲金融論壇	16/1/2017 - 17/1/2017	香港	香港貿易發展局
2016	華南國際鈑金及鐳射產業展覽會	29/11/2016 - 2/12/2016	中國●東莞	訊通展覽公司	2017 第10屆印度國際塑膠展	19/1/2017 - 23/1/2017	印度 ● 孟買	全印塑膠製造商協會
- C	3D列印展	29/11/2016 - 2/12/2016	中國 ● 東莞	訊通展覽公司	中東(迪拜)國際安防設備與技術 展覽會	22/1/2017 - 24/1/2017	阿聯酋●迪拜	法蘭克福展覽(香港)有限公司
World	ALUMINIUM Trade Fair of the Aluminum Industry and Conference	29/11/2016 - 1/12/2016	Germany • Dusseldorf	Reed Exhibitions Deutschland GmbH	IFEX International Exhibition on Foundry Technology, Equipment and Supplies	3/2/2017 - 5/2/2017	India • Kolkata	Koelnmesse GmbH
· C	EXPOPLAST CANADA	30/11/2016 - 1/12/2016	Canada • Montreal	UBM Canon	PLASTEC WEST Plastics Processing Solutions Exhibition	7/2/2017 - 9/2/2017	USA • Anaheim	UBM Canon
C	香港國際特許經營展	1/12/2016 - 3/12/2016	香港	香港貿易發展局	PLASTICS VIETNAM International Plastics Exhibition	22/2/2017 - 24/2/2017	Vietnam ● Ho chi Minh	K & D Communications Ltd.
- C	香港貿發局國際中小企博覽	1/12/2016 - 3/12/2016	香港	香港貿易發展局	MIM International Conference on Injection Molding of Metals, Ceramics and Carbides	27/2/2017 - 1/3/2017	USA • Orlando	MPIF (Metal Powder Industries Federation)
·	香港貿發局設計及創新科技博覽	1/12/2016 - 3/12/2016	香港	香港貿易發展局	2016中國(廣州)國際充電站(樁)設備及電動車電池展覽會	3/2017 - 3/2017	中國●上海	雅式展覽服務有限公司
C	亞洲知識產權營商論壇	1/12/2016 - 2/12/2016	香港	香港貿易發展局	2017深圳國際機械製造工業展覽會(SIMM)	3/2017 - 3/2017	中國●深圳	深圳機械行業協會, 深圳市環悦會議展覽有限公司



展覽	日期	地點	舉辦機構	展覽	日期	地點	舉辦機構
3T FAIR ernational Metal Working, Mould Automation & Welding Technology Fair	3/2017 - 3/2017	Turkey	Yagmur Fuarcilik	香港國際印刷及包裝展	27/4/2017 - 30/4/2017	香港	香港貿易發展局
第二十二屆中國國際建築貿易博覽會	1/3/2017 - 3/3/2017	中國●廣州琶洲	雅式展覽服務有限公司	CAST - EX International Exhibition for Casting and Casting Technologies	5/2017 - 5/2017	Slovakia ● Nitra	Agrokomplex-Vystavnictvo Nitra
第二十四屆華南國際印刷工業展覽會	1/3/2017 - 3/3/2017	中國●廣州琶洲	雅式展覽服務有限公司	2017JNMTE第8屆廣州國際機床展	5/2017 - 5/2017	中國 • 廣州海珠	諾展集團
2017中國國際標簽印刷技術展覽會	1/3/2017 - 3/3/2017	中國●廣州琶洲	雅式展覽服務有限公司	中東(迪拜)國際五金及工具展覽會	5/2017 - 5/2017	阿聯酋●迪拜	法蘭克福展覽(香港)有限公司
廣州國際工業自動化技術及裝備展覽會	1/3/2017 - 3/3/2017	中國●廣州海珠	法蘭克福展覽(香港)有限公司	香港貿發局香港國際醫療器材及用品展	16/5/2017 - 18/5/2017	香港	香港貿易發展局
第二十四屆中國國際包裝工業展覽會	1/3/2017 - 3/3/2017	中國●廣州琶洲	雅式展覽服務有限公司	2017中國(廣州)國際包裝製品展覽會	16/5/2017 - 19/5/2017	中國●廣州琶洲	雅式展覽服務有限公司
INTERMOLD KOREA Korea International Die-Mold Relate Equipment Exhibition	7/3/2017 - 11/3/2017	Korea South • Seoul	Kodmic (Korea Die & Mold Industry Cooperative)	中國(北京)國際供熱通風空調、 衛生潔具及城建設備與技術展覽會	18/5/2017 - 20/5/2017	中國 ● 北京	法蘭克福展覽(香港)有限公司
法蘭克福國際浴室設備、樓宇、能源、空調技術及再生能源展覽會	14/3/2017 - 18/3/2017	德國●法蘭克福	法蘭克福展覽(香港)有限公司	香港貿發局創業日	19/5/2017 - 20/5/2017	香港	香港貿易發展局
EUROSTAMPI iuropean Die & Mold Exhibition and Conference/ Injection Machines Exhibition	22/3/2017 - 25/3/2017	Italy ● Parma	Senaf / Fiere di Parma	廣州國際電線電纜及附件展覽會	9/6/2017 - 11/6/2017	中國●廣州海珠	法蘭克福展覽(香港)有限公司
3P - PLAS PRINT PACK PAKISTAN International Plastic, Printing & Packaging Exhibition & Conference	24/3/2017 - 26/3/2017	Pakistan ● Lahore	Fakt Exhibitions (Pvt) Ltd. / CEMS (Conference & Exhibitions Management Services Pte Ltd)	廣州國際照明展覽會	9/6/2017 - 12/6/2017	中國 ● 廣州海珠	法蘭克福展覽(香港)有限公司
PLASTICS MYANMAR International Plastics Exhibition	4/2017 - 4/2017	Myanmar Burma • Yangon	K & D Communications Ltd. / KMG Business Technology	第十八屆中國義烏國際針織及織襪機械展覽會	13/6/2017 - 15/6/2017	中國 ● 浙江省義烏市	雅式展覽服務有限公司
INTERMOLD VIETNAM ietnam's Only Machinery and Technology Trade Exhibition & Conference for Mold & Die Manufacturing	4/2017 - 4/2017	Vietnam ● Hanoi	Reed Exhibitions Companies / Reed Tradex Company	第七屆中國義烏國際縫製及自動化服裝機械展覽會	13/6/2017 - 15/6/2017	中國 ● 浙江省義烏市	雅式展覽服務有限公司
KONDOKUM Konya Foundry Technologies, Mould, Stainless Steel and Metals Fair	4/2017 - 4/2017	Turkey ● Konya	Tüyap Fairs and Exhibitions Organization Inc.	第四屆中國義烏國際染整及數碼印花機械展覽會	13/6/2017 - 15/6/2017	中國 ● 浙江省義烏市	雅式展覽服務有限公司
香港貿發局香港國際春季燈飾展	6/4/2017 - 9/4/2017	香港	香港貿易發展局	第三十一屆中國國際塑膠橡膠工業展覽會 UFI全球展覽業協會認可	13/6/2017 - 15/6/2017	中國 ● 浙江省義烏市	雅式展覽服務有限公司
臺北國際安全博覽會	12/4/2017 - 14/4/2017	台灣●台北	法蘭克福展覽(香港)有限公司	美國國際模具	14/6/2017 - 15/6/2017	美國 ● 芝加哥	廣州光亞法蘭克福展覽有限公司
日本國際模具	12/4/2017 - 15/4/2017	Japan • Tokyo	JDMA (Japan Die & Mold Industry Association)	俄羅斯國際模具	20/6/2017 - 22/6/2017	俄羅斯 ● 莫斯科	俄羅斯國際展覽公司
香港貿發局國際資訊科技博覽	13/4/2017 - 16/4/2017	香港	香港貿易發展局	上海國際電力元件、可再生能源管理展覽會	27/6/2017 - 29/6/2017	中國 ● 上海	法蘭克福展覽(香港)有限公司
香港貿發局香港春季電子產品展	13/4/2017 - 16/4/2017	香港	香港貿易發展局	上海國際工業自動化技術及裝備展覽會	27/6/2017 - 29/6/2017	中國 ● 上海	法蘭克福展覽(香港)有限公司
香港貿發局香港家庭用品展	20/4/2017 - 23/4/2017	香港	香港貿易發展局	中國義烏國際紡織機械展覽會	6/7/2017 - 8/7/2017	中國 • 上海	雅式展覽服務有限公司
────────────────────────────────────	27/4/2017 - 30/4/2017	香港	香港貿易發展局	- 香港貿發局家電 ● 家品 ● 博覽	17/8/2017 - 21/8/2017	香港	香港貿易發展局



展覽	日期	地點	舉辦機構
阿根廷國際五金及工具展覽會	30/8/2017 - 2/9/2017	阿根廷 ● 布宜諾斯艾裡斯	法蘭克福展覽(香港)有限公司
阿根廷國際五金、管道配件、塗料 及建築材料展覽會	30/8/2017 - 2/9/2017	阿根廷 ● 布宜諾斯艾裡斯	法蘭克福展覽(香港)有限公司
上海國際智慧停車展覽會	5/9/2017 - 7/9/2017	中國●上海	法蘭克福展覽(香港)有限公司
一帶一路高峰論壇	11/9/2017 - 11/9/2017	香港	香港貿易發展局
阿根廷國際燈光照明及建築技術展覽會	12/9/2017 - 16/9/2017	阿根廷 ● 布宜諾斯艾裡斯	法蘭克福展覽(香港)有限公司
第40屆中國(上海)國際傢俱博覽會 - 設備配料展區	10/2017 - 10/2017	中國●上海	雅式展覽服務有限公司
香港貿發局香港秋季電子產品展	10/2017 - 10/2017	香港	香港貿易發展局
2017上海國際供熱及熱動力技術展覽會	10/2017 - 10/2017	中國●上海	雅式展覽服務有限公司
第十五屆上海國際鍋爐、輔機及工藝設備展覽會	10/2017 - 10/2017	中國●上海	雅式展覽服務有限公司
國際環保博覽	10/2017 - 10/2017	香港	香港貿易發展局 法蘭克福展覽(香港)有限公司
香港貿發局香港國際建築及五金展	10/2017 - 10/2017	香港	香港貿易發展局
香港貿發局香港國際秋季燈飾展	10/2017 - 10/2017	香港	香港貿易發展局
第25屆德國國際專業塑膠工業展	17/10/2017 - 21/10/2017	德國 ● 菲德烈港	P. E. Schall GmbH & Co. KG
2017上海國際生物質能利用及技術展覽會	25/10/2017 - 27/10/2017	中國●上海	雅式展覽服務有限公司
2017中國(上海)國際照明及智慧應用展覽會	25/10/2017 - 27/10/2017	中國●上海	雅式展覽服務有限公司
2017中國(上海)國際智慧社區及智慧家居展覽會	25/10/2017 - 27/10/2017	中國●上海	雅式展覽服務有限公司
第十一屆上海國際電力設備及技術展覽會/第十屆上海國際電工裝備展覽會	25/10/2017 - 27/10/2017	中國●上海	雅式展覽服務有限公司
2017國際電力自動化設備及技術展覽會	11/2017 - 11/2017	中國●廣州琶洲	雅式展覽服務有限公司
17中國(廣州)國際充電站(椿)設備及電動車電池展覽會	7/11/2017 - 10/11/2017	中國●上海	雅式展覽服務有限公司
德國國際金屬板塊	7/11/2017 - 10/11/2017	德國●斯圖加特	P. E. Schall GmbH & Co. KG
swop包裝世界(上海)博覽會	27/11/2017 - 30/11/2017	中國●上海	雅式展覽服務有限公司



會員名錄





3D QuickTools Ltd.

Mr. Lai Poon-shing, Daniel 黎潘成先生 Director, Sales & Marketing Unit 8C, Reason Group Tower, 403-413 Castle Peak Rd., Kwai Chung, NT Address

Telephone

Fax Website **Business**

danielai@3dquicktools.com http://www.3dquicktools.com 3DQuickPress which is a tool design software specifically used by metal tooling industries for 3D metal tooling design 3DQuickPress, 3DQuickForm, Brands

3DQuickStrip, 3DQuickMold

Able Tech Industries Ltd. A7020 雅保特實業有限公司

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nfo@abletech.com.hk http://www.abletech.com.hk
CAD-CAM services & system, mould & die
components, mould polishing services, plastic
injection mould, injection part: injection moulding;
secondary processing services, such as clean roon
spray printing, silk screening, transfer printing, hot
stamping and assembling services

Brands Certifications

雅保特科技模具(深圳)有限公司 廣東省 深圳市 松崗鎮碧頭村第三工業區, 郵編: 518105

(86) 755-2713 0077 (86) 755-2713 0075

ISO 9001

A4689

Ace Mold Co. Ltd. 精英製模有限公司

Address

Telephone

Dr. Jack Yeung 楊悰傑博士 Unit 10, 5/F., Vanta Ind. Centre, 21-23 Tai Lin Pai Rd., Kwai Chung, NT 24817504

Fax nfo@acecorpholdings.com http://www.acemold.com Business Brands

ISO 9001, ISO 14001, ISO 27001, OHSAS 18001

Certifications

Mould & die accessories, plastic mould

精英製模實業(深圳)有限公司

廣東省 深圳市 寶安區沙井街道沙頭社區 民福路10號

(86) 755-2726 6898 (86) 755-2726 6818 A8869

Advanced Optics Manufacturing Centre 先進光學製造中心

Representative

Dr. Sandy To 杜雪博士 Associate Director

GH040, Advanced Optics Mfg. Centre, The HK Polytechnic University, Hung Hom, KLN Address Telephone 27647657

nfsto@polyu.edu.hk Business

http://www.aomc.hk Freeform & aspheric optics design and prototype manufacture, injection moulding of plastic optics, precision mould design & manufacture, surface quality evaluation at optics, technology promotion

Brands Certifications

廣州盈光機電科技有限公司

廣東省 廣州市 高新技術產業開發區科學大道 南怡華大廈二層之B

(86) 20-2232 0323 (86) 20-2232 0322

A4765

Address

Website

Apex Design & Engineering Co. Ltd. 顯昌工程有限公司

Mr. Danny To 陶天利先生

President

Unit B, 20/F., Wah Wing Ind. Bldg., 14-20 Wing Yip St., Kwai Chung, NT Telephone apexmfg@apexmfg.com.hk

http://www.toys-asia.com

Business Mould & die accessories. plastic mould

Brands Certifications

東莞德源塑膠製品有限公司 廣東省 東莞市 虎門鎮南柵第五工業區

(86) 769-556 2823 (86) 769-556 1295 關鴻基先生

A5324

Asahi Group Co. Ltd. 朝日集團有限公司

Ms. Ada Fong 方樂如女士

Address Telephone Website Business

Brands

Certifications

Managing Director Office B1, 23/F., MG Tower, 133 Hoi Bun Rd., Kwun Tong, KLN marketing@asahigroup.com.hk http://www.asahigroup.com.hk Manufacturer of high precision metal parts

ISO 9001, ISO 14001

東莞長安沙頭朝日五金電子製品廠 廣東省 東莞市 長安鎮沙頭南區新沙西路, 郵編:523866

Ms. Wing-huen Au 區穎萱女士

General Manager Flat A, 3/F., Eastern Ind. Bldg., 42-50 Kwai Ting Rd., Kwai Chung, NT

DEER, TWO HEARTS, FAVOURITE, GOOD MORNING, PARIS

(86) 769-554 6393 (86) 769-554 6982 伍炳鴻先生

A5509

ASSAB Steels (HK) Ltd. 一勝百鋼材有限公司

Representative

Ms. Hidi Fan 范惠儀女士 Admin. Assistant Rm. 1701-03, 17/F., Tower 2, Grand Central Plaza, Address 138 Shatin Rural Committee Rd., Shatin, NT

Telephone

24890938 hidifan@assab.com.hk

http://www.assab-hk.com ASSAB tool steels for cold work, hot work, plastic mould, powder metal and heat treatment/machining services

Brands

-勝百模具(東莞)有限公司 廣東省 東莞市 松山湖科技產業園區北部工業區

(86) 769-2289 7888 (86) 769-2289 9368

B0687

Fax

Business

Brands

Au's The Long Life Plastic & Metal Manufacturing Ltd. 永翔(區氏)塑膠五金製品廠有限公司

Address Telephone

24898948 info@auslonglife.com http://www.auslonglife.com.hk Bathroom accessories, button & zipper, Christmas decorations, combs, bushes & hair omaments, garden tools & flower pots, OEM products, plastic box, plastic buckles & fasteners, plastic container (bottle), plastic frame, plastic houseware & kitchenware, plastic mirros, plastic music, jewellery box or decoration, plastic products (general), plastic stationery, premium & novelty items

千載五金塑膠廠 廣東省 東莞市 (86) 769-8772 2799 (86) 769-8772 2107 區星拱先生

香港五常協會認證

A6790

Ah Chau Machinery Mould Factory 亞洲機械製模廠

Managing Director Rm. 11, 9/F., Thriving Ind. Centre, 26-38 Sha Tsui Rd., Tsuen Wan, NT Address Telephone au@ahchaumould.com.hk Website http://www.ahchaumould.com Business Brands Plastic mould

Mr. Liu Hai-tu 劉海杜先生

Certifications

喬豐機械製模(深圳)有限公司 廣東省 深圳市 龍崗橫崗鎮西坑村第一 工業區第七幢 (86) 755-2861 8323 (86) 755-2861 8483 劉先生

ISO 9001:2008, ISO 14001:2004, ISO/TS 16949:2009

A4259

Allan International Holdings Ltd. 亞倫國際集團有限公司

Representative

Mr. Cheung Shu-wan 張樹穩先生 Managing Director 12/F., Zung Fu Ind. Bldg., 1067 King's Address Rd., Quarry Bay, HK Telephone nfo@allan.com.hk Website http://www.allan.com.hk Design & manufacturing of a wide range of Business

設計及製造多種家庭電器

惠陽亞倫塑膠電器實業有限公司 廣東省 惠州市 仲愷高新技術產業開發區瀝林鎮 (86) 752-385 3388

ISO 9001:2008, ISO 14001:2004

(86) 752-385 3998

A9359

亞洲動力有限公司 Mr. Lai Man-hoo, Michael 賴文浩先生

Autofact Technologies Ltd.

Flat 618, 6/F., 9 Hoi Wing Rd., Tuen Mun, NT Address Telephone

24302483 nfo@autofact.com.hk http://www.autofact.com.hk Mould & die related services, mould & die machinery & equipment
MAKINO MACHINE & IKEGAMI MOLD Brands Certifications

(86) 755-8627 1757

關星女士

亞洲動力有限公司 廣東省 深圳市 南山區海德三道海岸城 東座1503室 (86) 755-8627 0557

A5806

Address

Telephone Website Business Brands Certifications

Bank of China (Hong Kong) Ltd. 中國銀行(香港)有限公司

Mr. Ka-keung, Ben Ng 吳家強先生 Assistant General Manager 24/F., Bank of China Tower, Garden Rd., Central, HK milyho@bochk.com http://www.bochk.com

Banking/financial services





Beaver Industrial Co. Ltd. 標帆實業有限公司

Group HR & Admin. Manager Unit 06, 21/F., Global Gateway Tower, 63 Wing Hong St., Cheung Sha Wan, KLN

Ms. Paulics Lau 劉藹詩女士

hrd@beaver.com.hk

Address

Telephone Fax

Website

Brands

D0534

Representative

Address

Brands

Telephone Fax

http://www.beaver.com.hk Mould & die accessories, mould & die related services, metal die casting, mould & die machinery & equipment ISO 9001:2008, ISO 14001:2004

東莞標帆塑膠五金制品有限公司 廣東省 東莞市 大朗鎮水平管理區 (86) 769-8318 9617 (86) 769-8318 9717 權勇先生

Bluestar Mould Engineering Ltd.

Sales Specialist 1619, 16/F., Tuen Mun Central Square, 22 Hoi Wing Rd., Tuen Mun, NT

藍星實業有限公司

Mr. Isaac Ho 何子賢先生

(86) 755-2685 9566

錦豐科技(深圳)有限公司

(86) 755-2689 0382

裴文輝先生

26901440

ohilip@bluestar-mould.com

nttp://www.bluestar-mould.com

Plastic injection mould, plastic injection moulding

components, manufacturing mainly for automotive

1&3, Tong Fu Yu A-2 Industry Area,

Buyong Shajing Town, Baoan District,

Shenzhen, Guangdong Province China

Best Ideal Ltd 意佳有限公司

Business

Address 26461303 Telephone Website

http://www.bestideal.com Sheet metal parts of telecommunication, office automation, electronic parts, mobile and healthcare market, assembly, tool and die making

Brands

廣東省 東莞市 鳳崗鎮雁田村祥新東路河東工業區二棟1號 (86) 769-8285 6888

A9206

Mr. Lau Nga-leong 劉雅量先生 Vice President Flat 7, 5/F., Blk. B, New Trade Plaza, 6 On Ping St., Shatin, NT

keithlau@bestideal.com

ISO 9001:2008, ISO 14001:2004, ISO 13485

東莞意佳金屬制品有限公司

(86) 769-8285 6883 劉雅量先生

A5102

Representative

Address

Mr. Pak-wong Cheung 張伯煌先生 Managing Director 2/F., Flat C-D, Kingsway Ind. Bldg., Ph. 1, 167-171 Wo Yi Hop Rd., Kwai Chung,NT 24898183

Telephone Website Business

Brands

24891361 pwcheung@brotherplastic.com http://www.brotherplastic.com plastic parts, tape dispenser

ISO 9001

廣東省 深圳市 龍崗鎮同樂工業區 (86) 755-8429 2283 (86) 755-8429 3361

Brother Plastic & Metal Manufacturing Ltd. 高德塑膠金屬製品有限公司

Plastic products, precision injection

同樂高德塑膠金屬制品廠

A9597

Century Step Precision Molds Ltd. 世紀輝途精密模具有限公司

Executive Director Rm. 2203, CCT Telecom Bldg., 11 Wo

Ms. Chua May-chun 蔡美珍女士

Shing St., Fo Tan, Shatin, NT

Moulds, precision moulds making

may.chua@csmolds.com

http://www.csmolds.com

Telephone Website Business Brands

Address Certifications

東莞力途精密模具有限公司 廣東省 東莞市 塘廈鎮新太陽工業城第19棟, 郵編:523711 (86) 769-8299 1711 (86) 769-8299 1811 梁細強先生

A4741

Champion Machine Tools (HK) Co. Ltd. 精品機械(香港)有限公司

Representative

Address Telephone Website

Mr. Tak-wah Kwan 關德華先生 Managing Director Unit 2, 15/F., Tower 1, Ever Gain Plaza, 88 Container Port Rd., Kwai Chung, NT sales@champion.com.hk

Brands Certifications

http://www.champion.com.cn Industrial compressor: impeller GJB 9001B-2009, GB/T9001-2008-ISO 9001:2008

Factory Name Factory Addres

西安萬鈞航空動力科技有限公司 陝西省 西安市 閻良區國家航空高技術產業 基地航安一路38號 (86) 138 2329 6051 (852) 9015 1790 孫飛飛女士

A0672

Chee Yuen Industrial Co. Ltd. 志源實業有限公司

Address

Telephone

Brands

Mr. Jian-ming Lin 林建明先生 Managing Director 18/F., China Aerospace Centre, 143 Hoi Bun Rd., Kwun Tong, KLN 23893368 injm@casil-cheeyuen.com

Website http://www.casil-cheeyuen.com Business Plastic mould

ISO 9002 Certifications

深圳志源塑膠製品有限公司 廣東省 深圳市 橫崗六約深坑工業村一棟 (86) 755-2851 8068 (86) 755-2851 2658

A5910

Cheng Yu Plastic Co. Ltd. 承宇塑膠有限公司

B10, 24/F., Kong Nam Ind. Bldg., Blk. B, 603-609 Castle Peak Rd., Tsuen Wan, NT

Plastic material, engineering plastics

Mr. Po-sing Chan 陳寶聲先生

chengzhiplastic@gmail.com

http://www.plasticcz.com

Address Telephone

Fax Website **Business**

Brands Certifications

CHENG YU ISO 9001, UL, RoHS, REACH

東莞承至塑膠原料有限公司 廣東省 東莞市 塘廈鎮石馬管理區因塘1號 (86) 769-8772 8632 (86) 769-8772 8681

A3414

Cheong Wing Electric Ltd. 昌榮電業有限公司

Representative

Address

Telephone

Mr. Ching-mou Lee 李清茂先生 General Manager Blk. B, 8/F., Cheung Wah Ind. Bldg., 10-12 Shipyard Lane, Quarry Bay, HK 25626117 28110699

enquiry@cwelectric.com http://www.cwelectric.com Business Food service disposables, food packaging products, plastic cutleries, medical disposable products, plastic injection moulds, die accessories,

machines and equipment Certifications

深圳歌樂電磁有限公司 廣東省 深圳市 龍崗區橫崗鎮六約鄉 牛始埔村萬利路

(86) 755-2850 3234 (86) 755-2850 0448 陳建民先生

Chi Hang Mould (H.K.) Ltd.

Telephone Fax Business

Brands

智恆製模(香港)有限公司

Mr. William Wong 王國樑先生

Marketing & Project Manager Unit 7-8, 13/F., Blk. B, Hoi Luen Ind. Centre, Address 55 Hoi Yuen Rd., Kwun Tong, KLN 23434518 villiam.wong@chihang-kinshun.com http://www.chihang-kinshun.com

A4694

Mould & die accessories, mould & die related services, plastic mould, toolings, injection moulding. in-mould decoration, double injection

東莞鳳崗智恆精密模具制品廠 廣東省 東莞市 鳳崗鎮五聯村鳳平路五聯 丁業區8號

(86) 769-8680 0988 (852) 2343 4518 王國樑先生

D0074

Chi Tat Mould Factory Co. Ltd. 智達工模廠有限公司

GB/T 19001-2008, ISO 9001:2008

Brands

Mr. Fung Tat-hing 馮達興先生 Rm. C236, 2/F., Po Yip Ind. Bldg., 23 Hing Yip St., Kwun Tong, KLN Address Telephone 23841855 chitat168@ctmould.com.hk http://www.chitatmould.com Business Plastic injection mould and die casting mould

Certifications

廣東省 東莞市 塘廈鎮平山村188工業區 (86) 138 0982 4002 (86) 769-8791 6418 周偉業先生

A6531

Telephone Website Business Brands Certifications

Chi Wo Plastic Moulds Factory Ltd.

Address

志和塑膠五金製模廠有限公司 Mr. Liu Kin-keung 廖堅強先生

Engineering & Mfg. Director Rm. 12, 2/F., Hung Tai Ind. Bldg., 37-39 Hung To Rd., Kwun Tong, KLN 27906130` hiwohk@netvigator.com

http://www.chiwo.com Manufacturing of mould and plastic injection

中山志和家電制品有限公司 廣東省 中山市 坦洲鎮申堂火炬路8號 (86) 760-8665 7230 (86) 760-8665 5786 廖堅強先生

A4695

Combined Yield Ltd. 集華有限公司

Address Telephone

Fax Website **Business**

Brands Certifications

Mr. Wong Chun 王真先生 Unit 2, 12/F., Technology Park, 18 On Lai St., Siu Lek Yuen, Shatin, NT 26094288 cyhk1@biznetvigator.com

http://www.cymmould.com Mould & die accessories, mould & die bases & tool steels

ISO 9000

集榮模座(深圳)有限公司 廣東省 深圳市 寶安區石岩鎮應人石工業區 (86) 755-2762 5377 /378 (86) 755-2762 5716 干直先生

A4697

Daido Mold Equipment Co. (HK) Ltd. 大同金型用品(香港)有限公司

Address

Brands

Certifications

Telephone

Flat A, 5/F., Galaxy Fty. Bldg., 25-27 Luk Hop St., San Po Kong, KLN

daido33@hotmail.com Website Business

Mould & die components

Mr. Lin Wing-chun 連永鎮先生

Address

Mr. William Jim 詹益晟先生 Managing Director 9/F., Flat 1-6, New City Centre, 2 Lei Yue Mun Rd., Kwun Tong, KLN

杜芬工程有限公司

Dophen Engineering Co. Ltd.

27274481 Telephone 27966182

dophen@netvigator.com http://www.dophen.com.hk
CNC EDM, copper wire cut machine, CNC milling
machine, machining centre, drill-tap centre, electric
injection machine, CNC lathe, CNC EDM drill, digital
scanning machine, CNM, projector, 5-axis machining
centre, CNC welding machine, EDM turn-mill centre, wire Website Business

Brands Certifications

A4699

A9155

Eagle Group International Ltd. 怡高集團國際有限公司

Managing Director Unit N, 7/F., Stage 2, Wah Fung Ind. Centre, 33-39 Kwai Fung Rd., Kwai Chung, NT

Ms. Aldy Tang 鄧雪芬女士

24217678

aldy@eaglehk.com

http://www.eaglehk.com

Address

Telephone Fax Website **Business**

Brands

Manufacturing of plastics, metal moulds and electronics

Certifications

東莞怡高塑膠五金電子有限公司 廣東省 東莞市 常平鎮司馬管理區, 郵編:523570

(86) 769-8339 4988 (86) 769-8339 1898

A9281

Data World Solutions Ltd.

Telephone Fax Email Website

Certifications

達訊顧問有限公司

Mr. Lawrence Mak 麥志輝先生 Director & General Manager 18/F., Manhattan Centre, 8 Kwai Cheong Rd., Kwai Chung, NT

nfo.solutions@dataworld.com.hk

http://www.dataworld.com.hk/dws Established in 1983, Data World is a leading total IT solution provi in world - class business management solutions from ERR, HRM infrastructure & Networks Security. With over 30 years of experien

達慧訊科技(深圳)有限公司 廣東省 深圳市 福田區南園路68號上步大廈12樓H,

郵編:518031 (86) 755-8366 8215 A4698

Datamatic CNC Engineering Co. Ltd.

Representative

Address

Telephone Business Brands

Certifications

導新數控工程有限公司

DAMAT

Mr. Lee Yuk-pui, Leton 李煜培先生

General Manager Unit 1, 11/F., Hopeful Fty. Centre, 10-16 Wo Shing St., Fo Tan, Shatin, NT

yplee@datamatic.com.hk nttp://www.datamatic.com.hk Plastic injection mould

ISO 9001:2008

廣州導新模具注塑有限公司

(86) 20-8642 3598 (86) 20-8641 4393

26910701

廣東省 廣州市 番禺區大石街會江石北工業 大道會江段10號106、107, 郵編:511430

D0085

Electa Industrial Co. Ltd. 意達電子實業有限公司

Representative

Mr. Chi-tung, Newton Wong 黃志東先生 Operations Director Blk. C, 2/F., Good Year Ind. Bldg., 119-121 How Ming St., Kwun Tong, KLN Address Telephone 27978712

newtonwong@electa-hk.com http://www.electa-usa.com Paint tools, garden tools & PCB assembly Business Brands

Factory Name Factory Addres 黃志東先生

Certifications

東莞意達電子有限公司 廣東省 東莞市 鳳崗鎮雁田村鎮田南路59號 (86) 769-8777 1612 (86) 769-8777 3035

A8865

億和精密工業控股有限公司

Representative

Telephone Fax

Business

Eva Precision Industrial Holdings Ltd.

Address

Brands

科技工業園

Mr. Hwojie Zhang 張傑先生

Unit 8, 6/F., Greenfield Tower, Concordia Plaza, Science Museum Rd., Tsim Sha Tsui, KLN

21919978 cheungkit@eva-group.com http://www.eva-group.com

Development and manufacture of precision metal and plastic moulds and components EVA 億和集團

ISO 9001, ISO 14001, TS 16949

億和精密工業控股有限公司 廣東省 深圳市 寶安區石岩鎮塘興路億和

(86) 755-2762 9999 (86) 755-2762 9181

A5800

Datrin Industry Co. Ltd. 大祥造模有限公司

Mr. Cheung Kwok-chung 張國祥先生

Unit B, 9/F., 170 Wai Yip St., Kwun Address Tong, KLN 23422330 Telephone datrin@datrin.com.hk Website http://www.datrin.com.hk Business Brands Plastic injection mould

Certifications

廣東省 東莞市 橫瀝鎮新四管理區 (派出所對面) (86) 769-337 2670

(86) 769-337 5671

張國祥先生

A7220

Technical Manager 7/F., China United Plaza, 1008 Tai Nan West St., Address Cheung Sha Wan, KLN

Telephone Website Business Brands

Certifications

Delcam (Hong Kong) Ltd.

Mr. Patrick Lam 林德華先生

patrick.lam@delcam.com.hk http://www.delcam.com.hk Computers/software (trading)

D0201

南烽工程有限公司 Mr. Henry Liu 廖劍光先生

Address Telephone

Unit 2202, 22/F., Westley Square, 48 Hoi Yuen Rd., Kwun Tong, KLN 21724138 21724208 nfo@everfinest.com http://www.everfinest.com Hot runner, temperature controller, LSR mould, LSR cold deck, heater, thermocouple

Everfinest Engineering Co. Ltd.

Website

Business

Brands

南烽精密机械(深圳)有限公司 廣東省 深圳市 龍崗平湖新木盛低碳產業園 C棟1樓 (86) 755-2832 5180 (86) 755-2832 5136

A9834

Address Telephone Website

Mr. Yiu Chi-kit 姚之傑先生

Business Brands

Excellent Margin Investment Ltd. 佳盈投資有限公司

Flat 706, 7/F., Yan Hing Centre, 9-13 Wong Chuk Yeung St., Fo Tan, NT

http://www.garbo-inter.com Clock & movement manufacturing & trading

廣東省 東莞市 塘廈鎮平山村188工業區 (86) 769-8788 6278 (86) 769-8788 6298 姚之傑先生

A7451

Fine Chit Metal Manufactory Ltd. 快捷五金製品廠有限公司

Address

Telephone

Mr. Yeung Man-fui 楊文奎先生 President Flat H & J, 19/F., Gold King Ind. Bldg., 35-41 Tai Lin Pai Rd., Kwai Chung, NT 24264763

Metal stamping die, mould & die bases

Fax director@finechit.com

Website **Business**

Brands Certifications

惠州快捷五金制品有限公司 廣東省 惠州市 博羅縣義和鎮 (86) 752-631 4839 (86) 752-631 4849 莊詩娜女士

& tool steels

ISO 9002

Fine Tech Mold & Manufactory Ltd. 輝碩精密模具有限公司

Address

Business

A8951

Mr. Yuen Hung-fai 阮雄輝先生 Unit 13, 12/F., Shing Yip Ind. Bldg., 19-21 Shing Yip St., Kwun Tong, KLN

Telephone nfo@finetech.com.hk Website

http://www.finetech.com.hk Die-casting mould, mould making tools, plastic injection mould, injection mass production assembly

ISO 9000:2008, Sedex

Brands Certifications

廣東省 東莞市 長安鎮沙頭新沙工業園 (86) 769-8532 0186

(86) 769-8904 6675 布先生

Good Profit Heat Treatment (China) Co. Ltd. 萬利達熱處理(中國)有限公司

Address

Telephone

Business

Brands

A8731

Mr. Cheung Kwok-keung 張國強先生 Managing Director Flat I-J, 14/F., Universal Ind. Centre, 19-21 Shan Mei St., Fo Tan, NT nfo@gpht-hk.com http://www.gpht-hk.com

Heat treatment Certifications

ISO TS 16949:2009

A9786

廣東省 深圳市 寶安區福永鎮懷德翠崗 工業園五區35幢 (86) 755-2992 4775

萬利達熱處理

(86) 755-2960 1959 張國強先生

A7732

Good Star Plastic & Metal Factory Ltd. 冠星塑膠五金廠有限公司

Address

Website

Business

Brands

Certifications

Fax

Telephone

Flat A-B, 3/F., Wang Kwong Ind. Bldg., 45 Hung To Rd., Kwun Tong, KLN martinfung@goodstar.com

Mr. Fung Chi-ming, Martin 馮志明先生

OEM products, plastic box, plastic stationery

ISO 14001

馮志明先生

深圳市龍崗區橫崗文具廠 廣東省 深圳市 龍崗區橫崗鎮紅棉三路240 號189工業區, 郵編:518115 (86) 755-2863 0806 (86) 755-2863 1197

A9431

Fineplas (China) Ltd. 精塑(中國)有限公司

P & A Manager Unit 606A, Nanyang Plaza, 57 Hung To Rd., Kwun Tong, KLN Address Telephone Fax 29511899 cynthia@choei.com.hk

Business Brands ISO 9001, ISO 14001 Certifications

Ms. Hui Lun-ho 許論好女士

nttp://www.choei.com.hk Mould & die related services, metal die casting

精塑汽配科技(惠州)有限公司 廣東省 惠州市 惠城區汝湖鎮尾凹村

成達丁業園 (86) 752-279 3348 (86) 752-279 3349 A9929

Fullmarks Metal Technology Co. Ltd. 富滔模具有限公司

Representative

Address

Telephone

Mr. To Wai-hung, Harry 陶偉洪先生 Flat E, 5/F., Wang Yip Centre, 18 Wang Yip St., Yuen Long, NT 24772921 tomato@meproducts.com.hk

Metal stamping and mould Business

Brands

manufacturing

Representative

Marketing Manager Unit 1504, 15/F., Nanyang Plaza, 57 Hung To Rd., Kwun Tong, KLN Address Telephone 27727094

Business

Brands

東莞長安廈崗好景塑膠五金制品廠 廣東省 東莞市 長安鎮廈崗社區復興路2號 (86) 769-8541 1083 (86) 769-8554 3255

Design and manufacturing of injection mould manufacture of plastic products

Good View Industrial Co. Ltd.

好景塑膠製品有限公司

kenneth.tsoi@goodview.com.cn

http://www.goodview.com.cn

Mr. Tsoi Chun-kit 蔡俊傑先生

A6190

源興盛實業有限公司 Mr. Lau Shing-pui 劉醒培先生

hermon@hermon.com.hk

Rm. A, 9/F., Unison Ind. Centre,

27-31 Au Pui Wan St., Fo Tan, NT

Telephone Fax

Business

Certifications

Hermon Industries Ltd.

Address

Brands

http://www.hermon.com.hk Investment casting metal parts, CAD-CAM services & system, die-casting mould, plastic injection moulds, rapid prototyping ISO 9001

26900455

信福五金制品廠

廣東省 東莞市 茶山鎮增埗竹元山工業區 (86) 769-8664 6078 (86) 769-8641 3172 劉智勇先生

A3848

G.M.P. Industrial Co. Ltd. 通滙家電有限公司

Mr. Chung-kin, Acton Yip 葉中建先生

Representative Address

7/F., Meyer Ind. Bldg., 2 Chong Yip St., Kwun Tong, KLN Telephone donna@gewcorp.com Website Manufacturing of food machines, food Business

Group Director

Brands

ingredients and food products

廣東省 東莞市 厚街鎮赤嶺工業區

A4703

Generation Mold Making Factory 現代模具製造廠

Representative

Address

Telephone

Mr. Nip Shui-kuen 聶瑞權先生 Rm. 2001, 20/F., Jupiter Tower, 9 Jupiter St., North Point, HK ngyk@inno-iel.com

Mould making tools

Website Business Brands Certifications

珠海市創意印材制造有限公司 廣東省 珠海市 斗門縣白蕉鎮開發區 (86) 756-551 1028 (86) 756-551 1960 鄧冠文先生

A7811

Hi-Tech Industrial (Asia) Ltd. 豐達實業(亞洲)有限公司

Mr. Chan Yu-chun, Alan 陳汝俊先生

Brands

Certifications

Rm. G. 11/F., Effort Ind. Bldg., Address 2-8 Kung Yip St., Kwai Chung, NT Telephone 24182171 nitech@moldmaker.com.hk http://www.hitechmold.com.hk Business Plastic mould

ISO 9001

東莞虎門南柵利丰塑膠制品廠 廣東省 東莞市 虎門南柵第一工業區38-39棟 (86) 769-8556 5160 (86) 769-8556 1931 陳汝俊先生

A7317

Address

Telephone Website Business Brands

Hi-Tech Precision Industrial Ltd. 中穎精密工業有限公司

Mr. Man-kit, Raymond Wong 黃文傑先生 Marketing Director Unit 2304-6, 23/F., Rileyhouse,

88 Lei Muk Rd., Kwai Chung, NT 24813304 aymondwong@htpil.com http://www.htpil.com Plastic mould

ISO 9001, ISO 14000

Certifications

中川堅城雷子廠 廣東省 中山市 港口鎮堅城工業大廈 (86) 760-8840 2031 (86) 760-8840 2030 李錦強先生

A9930

Honey Bee (Hong Kong) Ltd. 蜜蜂(香港)有限公司

Mr. Chan Wah-leung 陳華良先生 General Manager Flat L, 12/F., Ph. 4, Kwun Tong Ind. Centre, 436-446 Kwun Tong Rd., Kwun Tong, KLN Address 27972802 Telephone

Fax sales@hkhoneybee.com Email

http://www.hkhoneybee.com Website Mould, electronic and plastic products

manufacturing

Certifications

蜜蜂(中國)有限公司

廣東省 惠州市 惠陽經濟開發區惠南大道 蜜蜂工業園 (86) 752-353 9815 (86) 752-353 9825 陳華良先生

A4743

Hong Kong So's Heat Treatment Co. 香港蘇氏熱處理公司

Representative

Mr. Su Chi-kuang 蘇治光先生 Flat/Rm. E, Blk. 8, 13/F., Bellagio, 33 Castle Peak Rd., Sham Tseng, Tsuen Wan, NT

Telephone

Address

Website

Business

Brands Certifications sushirechuli@163.com

Heat treatment processing

廣東省 深圳市 寶安區沙井鎮新橋第二工業區 第四排第三,四棟

(86) 755-2729 1255 (86) 755-2729 5795 蘇治光先生

A5731

Hongrita Mold Ltd. 鴻利達模具有限公司

Address

Mr. Choi Chun-kit, Felix 蔡俊杰先生 Managing Director No. 701, 7/F., Kwong Sang Hong Centre, 151-153 Hoi Bun Rd., Kwun Tong, KLN

Telephone Fax

http://www.hongrita.com

Plastic & LSR & ISBM injection mould & application & medical & packaging & consumer, household appliance

Brands Certifications

27908069 felixchoi@hongrita.com

moulding, includes automotive & industrial

ISO 9001, ISO 14001, VDA 6.4, TS 16949, ISO 13485

鴻利達模具(深圳) 有限公司 廣東省 深圳市 龍崗區布吉街道甘坑社區

甘李2路1號 (86) 755-2855 8266 (86) 755-2855 9902 A9250

Hop Ngai Industrial Ltd. 合藝實業有限公司

Representative

Mr. Leung Kan-yung, Kent 梁簡用先生 Address

Telephone

Brands

Business

東莞航升實業有限公司

Plastic mould, mould making and

(86) 769-8366 8283 (86) 769-8366 8299

Unit 3, 4/F., Henley Centre, 9 Bute St., Mong Kok, KLN

27973248 nfo@hopngai.com.hk http://www.hopngai.com.hk

plastic industry

廣東省 東莞市 黃江鎮北岸村聯成工業區

梁簡用先生

A7600

朋友模具有限公司

Address Telephone Website Business Brands Certifications Hoyu Tooling Ltd.

Mr. Andy Chu 朱兆基先生 Business Operations Director Rm. 1014, North Tower, Concordia Plaza, 1 Science Museum Rd., Tsim Sha Tsui, KLN

hk-office@hoyutool.com http://www.hoyutool.com

Plastic injection mould

ISO 9001

聯泰模具(深圳)有限公司 廣東省 深圳市 龍崗區橫崗街道勤富路26號 (86) 755-2851 1028 (86) 755-2851 1038 陳文遠

A9677

Hua Xing Mould Steel Metal Co. Ltd. 華興模具鋼材五金有限公司

Representative

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Ms. Joey Zhang 張冰橋女士 Assistant to General Manager Flat 701, Sino Centre, 582-592 Nathan Rd., Mona Kok, KLN

Telephone Website Business Brands

34920458 joey@hxl.com.hk http://www.hxl.com.hk Mould & die

深圳市華興隆模具鋼有限公司 廣東省 深圳市 龍崗橫崗四聯排榜三嘉聯工業區 (86) 755-2869 9555 (86) 755-2869 9559 張金鶯女士

A8138

Hung Fung Metal 鴻豐五金

Mr. Lam On-ting 林安霆先生

Assistant to Director G/F., 73-78, Blk. 2, Yip On Ind. Bldg., Wang Hoi Rd., Kowloon Bay, KLN Address

Telephone 27968528

onting93@hotmail.com Website http://www.hungfung-metal.com.cn Business Metal stamping die, mould & die components, plastic injection mould Brands

Certifications ISO 9001:2008

A9854

A8887

Address

Telephone

Website

Business

Brands

Representative

Address

Telephone

Business

Brands

鴻豐五金(惠州)有限公司 廣東省 惠州市 三棟鎮尖頂仔和平大廈 (86) 752-259 6076

Innotech Advanced Products Ltd.

Managing Director Workshop C, 31/F., TML Tower, 3 Hoi Shing Rd., Tsuen Wan, NT

滙德產品發展有限公司

Mr. Alan Suen 孫暉銓先生

alan@innotech-hk.com

http://www.innotech-hk.com

東莞德鎂精密機電產品有限公司

(86) 769-8101 6028-886

(86) 769-8101 6029 馬澤權

Floor cleaning products, Smarthome Control

System, household appliances, metal & plastic parts

廣東省 東莞市 橫瀝鎮三江工業區106棟&121棟

Isen (China) Industrial Co. Ltd.

Unit 7-8, 13/F., Progress Comm. Bldg.,

Precision plastic mould designing and manufacturing,

ISO 9001:2008, ISO 14001:2004, TS 16949:2009

precision injection moulding, second processing

廣東省 深圳市 寶安區沙井街道東環路

友信(中國)實業有限公司

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9 Irving St., Causeway Bay, HK

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友信精密實業(深圳)有限公司

(86) 755-2725 1608

(86) 755-2725 1607 廖泉先生

26142816

(86) 752-259 6077 林遠平先生

A8338

Incoe (H.K.) Ltd. 硬殼(香港)有限公司

Rm. 1205, 12/F., Leader Ind. Centre, 57-59 Au Pui Wan St., Fo Tan, Shatin, NT

Hot runner systems & temperature

Mr. Tsun-wai, Fred Fan

Accounting Officer

fredfan@incoe.hk

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27908411

controllers INCOE

Address

Telephone Fax Website Business

Brands

Certifications

A7559

Mr. Kenneth Ha 夏家僑先生

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Telephone Fax

Business

Brands Certifications

Intelligent CAD/CAM Technology Ltd. 智誠科技有限公司

Representative

Senior Sales Manager Units 811-812, 8/F., 16 Science Park West Ave., HK Science Park, Shatin, NT 24258098

kenneth@ict.com.hk http://www.ict.com.hk ICT also offers spectrum of solutions on computer-aided design (CAD), computer-aided engineering (CAE), product data management

(PDM), 3D digitising and 3D printing (3DP)

A9504

Address

Telephone Website Business Brands

Certifications

Jackson Electronic Plastic Ltd. 捷順電子塑膠有限公司

Mr. Ming-chi Hung 洪明智先生 Managing Director Rm. 1305, 13/F., Fook Cheong Bldg., 63 Hoi Yuen Rd., Kwun Tong, KLN

nchung@jacsn.com http://www.jacsn.com Plastic products

廣東省 東莞市 長安鎮錦廈鄉河南工業區 西南朗路

(86) 769-8553 8048 (86) 769-8553 8049 洪明智先生

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24288328 Telephone Fax 24283683

cathy@jeco.hk Website http://www.jeco.hk **Business** Mould & die accessories, mould & die related services, mould & die machinery & equipment

Brands Certifications

深圳市裕達精密機械有限公司 廣東省 深圳市 寶安區龍華大浪街道同勝社區上橫朗第四工業區四棟一樓 (86) 138 2362 4436 (86) 755-6116 2523

捷高精機有限公司

A3044

Address Telephone Website

Business

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Mr. Kenneth Wong 黃達智先生

Jetta Co. Ltd.

鎮泰有限公司

ISO 9001:2008

Battery operated toys, cariracing set/train, electronic toys, musical toys, OEM products, plastic toys, premium & novelty items, pre-school, educational & infant toys, remote control toys, stuffed or plush toys & dolls, toys (general)

Brands

鎮泰(廣州)實業有限公司 廣東省 廣州市 從化市城郊街城鰲大道東路163號, 郵編:510920

(86) 20-3799 6666 (86) 20-3799 6688

A7652

Jing Mei Automotive Ltd. 精美汽車工業有限公司

Address

Brands

Telephone

Mr. Wai-chung, Ricky Chan 陳偉聰先生 Unit B6, 26/F., TML Tower, 3 Hoi Shing Rd., Tsuen Wan, NT 24936627

Fax nfo@jma.com.hk http://www.jma.com.hk Electro-plating services, plastic injection mould for automobile components, spray painting services, surfaces finishing

ISO 9001:2008, ISO/TS 16949:2009, ISO 14001:2004,

番禺精美五金塑料制品有限公司 廣東省 廣州市 南沙區橫瀝鎮番中公路 橫瀝段2號 (86) 20-8496 2611 (86) 20-8496 2601

Mr. H F Lo 羅顯輝先生

羅德華

A3565

Representative

Address Telephone 24136205

Business Brands

Certifications

Jing Mei Industrial Ltd. JMI精美工業有限公司

Mr. Raymond Chan 陳偉文先生

President & CEO 2/F., Flat D, Waylee Ind. Centre, 38 Tsuen King Circuit, Tsuen Wan, NT

alice.lo@jmi.com.hk http://www.jmi.com.hk
Auto accessories, bathroom accessories, OEM products,
plastic houseware & kitchenware, plastic products (general),
plastic reprocessing & pigment, PVC products, 衛洛產品
家庭電腦衛度等。

JMI LOGO, 精美JING MEI, Azureliving美康居 ISO 9001:2000

番禺南豐塑料製品有限公司 廣東省 廣州市 南沙經濟技術開發區西部

工業區庸牛路段 (86) 20-2286 2211 (86) 20-2286 2011 張惠鳳女士

Business Brands

Website

Address

Telephone

A9775

A8983

東莞長安健大電業制品有限公司 廣東省 東莞市 長安鎮錦廈河西工業區 (86) 769-8553 9999

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Assistant General Manager Flat B & C, 11/F., Winner Fty. Bldg., 55 Hung To Rd., Kwun Tong, KLN

http://www.kenta.com.hk
Extensive range of high quality electronic plastic
components, including: automotive parts, precision
plastic parts, network connector parts, adaptor casing,
transformer bobbin and SMD parts. 精密注塑、模具製造

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Ms. Maggie Tsoi 蔡芷珊女士

(86) 769-8553 3429 蔡芷珊女士

23433650

nfo@kenta.com.hk

A5908

Kenzymi Precision Ltd. 佳士美精密工程有限公司

Mr. Lau Y-ming 劉耀明先生

Address Telephone Fax Website **Business**

CEO/President 1/F., Blk. 3, Tai Ping Ind. Centre, 53 Ting Kok Rd., Tai Po, NT 23418192

kzmming@kenzymi.com Mould & die accessories, mould & die related services, metal die casting, mould &

die machinery & equipment, plastic mould

Brands Certifications

Kin Tat Rubber Technology Ltd. 堅達橡膠科技有限公司

Representative Mr. Kenny Nip 聶日明先生

Managing Director Rm. 509, 5/F., Shun Fat Ind. Bldg., Address 17 Wang Hoi Rd., Kowloon Bay, KLN

Telephone 27988050 nfo@ktrubber.com http://www.kintat.com

Business Mould & die machinery & equipment, die-casting mould, mould & die components, rubber products & components. 橡膠製品、橡膠模具

Brands Certifications ISO 14001, ISO/TS 16949, ISO 9001, ISO 13485, 100,000 class clean room

江門堅達橡膠製品廠有限公司 廣東省 江門市 外海鎮麻三工業區 (86) 750-203 4488 (86) 750-380 0800

A4876

Kingdom Fine Metal Ltd. 金德精密五金有限公司 Mr. Jack Suen 孫浩軒先生

kingdom@kingdom.com.hk

Sales Manager Blk. A3, 10/F., Yee Lim Ind. Centre,

2-28 Kwai Lok St., Kwai Chung, NT

http://www.kingdom.com.hk Mould & die machinery & equipment, CNC punching, manufacturing of computer & server casing, OA

ISO 9001:2000, ISO 14001, ISO 27001, ISO/TS 16949,

precision metal parts products, critical metal parts

Address

Telephone Fax

Business

Brands

金德實業製品廠

OHSAS 18000

26142816

廣東省 深圳市 寶安區觀蘭銀星高科技 丁業園 (86) 755-2678 6338

(86) 755-2679 3815

A7523

Ka Shui Holdings Co. Ltd. 嘉瑞集團有限公司

Representative Address

Telephone

Website

Business

Director of Finance and Corporate Strategy Rm. A, 29/F., Tower B, Billion Centre, 1 Wang Kwong Rd., Kowloon Bay, KLN 24121743 ninfai.lo@kashui.com http://www.kashui.com Precision plastics and Zn, Al, Mg die

Brands

ISO 14000, 9000 & 9001, TS 16949

創金美科技(深圳)有限公司 廣東省 深圳市 龍崗區平湖街道鳳凰大道 9號嘉瑞科技工業園 (86) 755-8465 3966 (86) 755-8465 3318 羅顯輝先生

casting components

A7484

Karrie Industrial Co. Ltd. 嘉利產品有限公司

Mr. Cheuk-fai Ho 何焯輝先生

Representative

Chairman & CEO 10/F., Southeast Ind. Bldg., 611-619 Address Castle Peak Rd., Tsuen Wan, NT Telephone 24151608 karrie@karrie.com Website http://www.karrie.com.hk Business OEM products Brands

ISO 9001, ISO 14001

Certifications

鳳崗嘉輝塑膠五金廠 廣東省 東莞市 鳳崗鎮大龍工業區嘉輝路 (86) 769-8777 7455 (86) 769-8777 1613 姚月鳳女士

A3376

Kinox Enterprises Ltd. 建樂士企業有限公司 Mr. Sun K, Cliff 孫啟烈先生

Address

Telephone

Executive Director 20/F., Kinox Centre, 9 Hung To Rd., Kwun Tong, KLN 23432111 enquiry@kinox.com http://www.kinox.com Mould & die components

Business Brands KINOX. Connoisserve Certifications ISO 9001, HK Q-Mark

> 建樂士工業(深圳) 有限公司 廣東省 深圳市 龍崗區平湖鎮新木村 (86) 755-8468 8833 (86) 755-8468 8574 查鴻興先生

A5347

Kong Lee Industries (International) Co. Ltd. 港利實業(國際)有限公司

Address

Telephone Website Business Brands Certifications Mr. Thomas Ting 丁錫華先生

9, Blk. B, 4/F., Hang Wai Ind. Centre, 6 Kin Tai St., Tuen Mun, NT 24617226

homasting@konglee.com.hk http://www.konglee.com.hk Mould & die related services, plastic mould

ISO 9001

河源港利模且有限公司 廣東省 河源市 高新技術開發區興大道北32號 (86) 762-360 0889 (86) 762-360 0998 陳德強先生



Kong Sing Manufactory Co. Ltd. D0090 港星製造廠有限公司

Address

Ms. Ami Sin 冼慧妍女士 General Manager Flat 2, 5/F., Charm Centre, 700 Castle Peak Rd., Lai Chi Kok, KLN

東莞港星金屬製品有限公司

Telephone Fax nongkong@kongsing.net

HOTINGWENTIGENT IN THE HOTING HOTIN

Brands Certifications

Website

廣東省 東莞市 清溪鎮清廈管理區, 郵編:523645 (86) 769-8773 9033 (86) 769-8773 9066

A6602

Mr. Law Yin-chiu 羅延超先生 Flat A, 38/F., Blk. 1, The Waterside, 15 On Chun St., Ma On Shan, NT Address

國輝工程實業公司

Telephone kwokfai@kfmould.com Website

http://www.kfmold.com Die-casting mould, plastic injection mould

廣東省 深圳市 寶安區沙井鎮和一村第二工

(86) 755-2756 8311 羅延超先生

Business Brands Certifications

國輝(中國)精密制模廠

業區第五幢, 郵編:518104 (86) 755-2756 8585

A8922

Lap Chi Moulding Co. Ltd. 立志模具有限公司

Address

Mr. Wong Yiu-keung, Eddie 王耀強先生 Unit 7, 20/F., Blk. A, New Trade Plaza, 6 On Ping St., Shatin, NT 26359608

Telephone Fax 26359971

admin@lapchi.com.hk http://www.lapchi.com.hk Business Plastic mould, double injection mould, gas assist mould, over/insert mould, die casting mould

Brands

東莞志盛塑膠製品有限公司 廣東省 東莞市 石排鎮大基工業園 (86) 769-651 0377

(86) 769-652 6061 王耀強先生

A9861

Representative

Address

General Manager Unit 1606-9, 16/F., Tower A, Regent

Telephone Website

Business Metal and plastic stationery LETACK, LETACK CRAFT, UNEED, INOZTO Brands

廣東省 東莞市 長安鎮振安西路9號ZC06棟

(振安科技園內) (86) 769-8929 9988 (86) 769-8929 9388

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Mr. Chan K K, Stephen 陳國基先生

Centre, 63 Wo Yi Hop Rd., Kwai Chung, 24226231

sales@leetack.com http://www.leetack.com

ISO 9001, GS

陳國基先生

Lee Tack Plastic & Metal Manufactory Ltd.

Kwok Fai Engineering & Industrial Co.

24871902

利德文具制品(深圳)有限公司

Leeport Precision Machine Tool Co. Ltd.

力豐精密機床有限公司

Representative Address

Telephone

Website

Business

A4715

Mr. Man-shun, Michael Wong 黃文信先生 Managing Director 1/F., Blk. 1, Golden Dragon Industry Centre, 152-160 Tai Lin Pai Rd., Kwai Chung, NT michael@leeport.com.hk http://www.leeport.com.hk

Mould & die related services, mould &

die machinery & equipment

Brands

A6124

Lintall Industries Ltd. 先豪實業有限公司

Representative

Address

Telephone

Director/Manageress Flat 27-28, 14/F., Thriving Ind. Centre, 26-38 Sha Tsui Rd., Tsuen Wan, NT

Website Business Brands Certifications

katherine@lintall.com.hk http://www.lintall.com.hk Plastic injection components & moulds

ISO 9001

先豪模具塑膠制品廠 廣東省 深圳市 寶安區沙井鎮上寮黃埔路71號 (86) 755-2724 2862 (86) 755-2724 2867 甯國榮

Ms. Ng Wai-ngo, Katherine 吳惠娥女士

A8194

Address

Telephone

Business

Certifications

Brands

廣東省 廣州市 白雲區均禾街羅崗工業區, 郵編:510440 (86) 20-3663 3022

Luen Shing Holdings Ltd.

Director, Engineering Rm. 10-11, 2/F., Kwong Sang Hong Centre, 151-153 Hoi Bun Rd., Kwun Tong, KLN

聯盛控股有限公司

23415851

Mr. Kan Yuen-sum 簡源深先生

samuelk@luenshing.com.hk

http://www.luenshing.com.hk

廣州市聯盛塑料五金有限公司

Lung Kee Metal Ltd.

Mr. Siu Yuk-lung, Alan 邵玉龍先生

CAD-CAM services & system, heat

steels, mould & die components

河源龍記金屬制品有限公司

treatment, mould & die bases & tool

Lung Kee Mould Base, Lung Kee Steel, LKM

廣東省 河源市 高埔工業區, 郵編:517000

Mass Jet Industries Ltd.

Jetta House, 19 On Kui St., On Lok Tsuen, Fanling, NT

茂澤實業有限公司

Mr. Wong Tat-yan 黄達仁先生

Executive Director Assistant

Managing Director 20/F., Crocodile Centre, 79 Hoi Yuen

龍記五金有限公司

Rd., Kwun Tong, KLN

lkmetal@lkm.com.hk

http://www.lkm.cn

(86) 762-321 0502

(86) 762-321 0501 丁宗浩先生

23422248

21917292

民生路165號, 郵編:511480

(86) 20-8492 8001

(86) 20-8492 8002 許少基先生

mould, blow mould

Die-casting mould, plastic injection

廣東省 廣州市 番禺區欖核鎮太平工業區

A4716

Address

Telephone

Website

Business

Brands

Certifications

A4718

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Address

Brands Certifications

Telephone

廣州茂澤模具實業有限公司

Plastic injection mould

26800268

26800668

(86) 20-3663 4219

A8411

Luen Tai International Mould Ltd. 聯大國際模具有限公司

Telephone Website Business Brands Certifications

Address

Managing Director Rm. 913, 9/F., Kenning Ind. Bldg., 19 Wang Hoi Rd., Kowloon Bay, KLN ousiness@luentai-intl.com.hk http://www.luentai-intl.com.hk Plastic mould

Mr. Chung Luen-tai 鍾聯大先生

ISO 9001:2000

陳達榮先生

東莞聯大精密模具有限公司 廣東省 東莞市 鳳崗鎮金鳳凰工業區 (86) 769-8775 7668 (86) 769-8775 7628

A7683

Representative

Address

Telephone Fax Business Brands Certifications Mr. Cheng Wai-man 鄭惠民先生 Rm. B9, 11/F., Blk. B, Mai Hing Ind. Bldg., 16-18 Hing Yip St., Kwun Tong, KLN 27630068 venus@mfmould.com http://www.mfmould.com Mould making, moulding and assembly

民豐模具實業有限公司

Man Fung Mould Industrial Co. Ltd.

ISO 9001:2008

民豐塑膠製模廠

廣東省 東莞市 鳳崗鎮鳳德岭工業區 鳳翔路338-348號 (86) 769-8775 7429 (86) 769-8775 7426 鄭惠民先生

A9490

Address Telephone

Website Business Brands Certifications

Messe Frankfurt (HK) Ltd. 法蘭克福展覽(香港)有限公司

Mr. Stephan Buurma 鮑思豐先生 Managing Director 3506 China Resources Bldg.,

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oanne.wong@hongkong.messefrankfurt.com http://www.messefrankfurt.com.hk Exhibition trade fair organizer

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Mr. Ho Pak-kin, Patrick 何柏堅先生 Flat/Rm. A, 9/F., Queen's Centre, 58-64 Queen's Rd. East, Wan Chai, HK

Telephone Fax

annie@minglee-wim.com Website http://www.minglee-wim.com **Business** Mould bases, mould component, machining service, deep hole drilling machinery manufacturing ML-TS, 明利鋼材

Brands Certifications ISO 9001

東莞明利鋼材模具制品有限公司 廣東省 東莞市 大朗鎮高英村高英路118號 (86) 769-8331 6878 (86) 769-8331 7023 李文君女士

A4252

Motor Electric Manufacturing Co. Ltd. 馬達電器製造廠有限公司

Address

Mr. Philip Au 區國輝先生 Managing Director 7/F., Blk. B, Edwick Ind. Centre, 4-30 Lei Muk Rd., Kwai Chung, NT Telephone

Website Business

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MOTOR

A8103

Oriental Machine Tool Co. Ltd. 東源精密機械有限公司

Address

Mr. Kai-shing, Jacky Lui 呂啟成先生 Managing Director Flat C, 10/F., Ka Wing Fty. Bldg., 19-21 Ng Fong St., San Po Kong, KLN

Telephone jackylui@omtcl.com.hk

Website http://www.omtcl.com.hk Business Mould & die accessories, mould & die machinery & equipment

FANUC, MAZAK, CHIN FONG, TAYLOR HOBSON, IMS,
AMADA WASINO, SUGINO Brands

ISO 9001:2000. 5S

東源精密機械(深圳)有限公司 廣東省 深圳市 羅湖區新秀村秀南街9棟

99A3樓及6樓6A室 (86) 755-2512 2757 (86) 755-2512 7121 呂啟成先生 A3624

訊通展覽公司 Mr. Tin-fu Leung 梁天富先生

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Fax dlee@multiway.com

Brands

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http://www.multiway.com Auto accessories & products, electrical adaptors, plugs, sockets & accessories, lamps & lighting fixtures, wire, cable & power supply cord "Easy 123", "Multiway"

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Representative

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Deputy General Manager 3901, Tower 6, The Gateway, Harbour

23772728 winnie@nagase.com.hk Business

Brands

Mr. Kuwamura Yuya 桑村勇矢先生

City, 9 Canton Rd., Tsim Sha Tsui, KLN

http://www.nagase.com.hk Chemicals, plastics and electronic components

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Telephone 81485846

otto.tong@joinease.com http://www.pmijoinease.com Drinkware, kitchenware, LED night light, Business injection mould making

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A9921

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工業三路11號 (86) 769-8275 7782 (86) 769-8275 7781 劉惠施女士

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Nauticam International Ltd.

Mr. Lai Yuk-shing, Edward 黎玉成先生

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Telephone

Website

Business Brands

Certifications

Managing Director Rm. 2203, CCT Telecom Bldg., 11 Wo Shing St., Fo Tan, Shatin, NT 26909778 racy.cheung@csmolds.com http://www.nauticam.com Precision injection mould building

A4725

New Well International Metalware Ltd.

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Telephone

24218351

Website Business

ISO 9001

新井國際貿易有限公司

Mr. Thomas Hung 洪俊里先生 6/F., Blk. A-D, Effort Ind. Bldg., 2-8 Kung Yip St., Kwai Chung, NT

nfo@newwell.com Into@newwell.com

CAD-CAM services & system, die-casting mould, heat treatment, metal stamping die, mould & die bases & tool steels, mould & die components, mould for expandable polysyrene moulding, mould making tools, mould polishing services, plastic injection mould "DENIS" DIAMOND TOOLS, "HART" POLISHING STONE & CUTTING TOOLS, "NMM" MOULD BASE, "NMM" MOULD COMPONENT, "TAMA" SPRING ISO 0.00.1

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Precision Moulds Ltd. 精密机械有限公司

1301 South Tower World Finance Address Telephone

Business Brands

Certifications

chanmk01@mattel.com Mould & die

Mr. Chan Man-kee 陳文祺先生 Sr. Director

Centre, Harbour City, Tsim Sha Tsui, KLN

華泰精密机械有限公司 廣東省 佛山市 南海區獅山鎮官窑辦事處 永安大道東

(86) 757-8588 8477 (86) 757-8588 8483 陳文祺先生

D0375

Website

Brands

Business

Certifications

Pro-Elite Technology Ltd. 方宇通科技有限公司 Ms. Pui-shan, Sharon Tse 謝佩珊女士

Level 19, Two International Finance Address Centre, 8 Finance St., Central, HK 22511850 Telephone

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rosperity Moulds and Plastic Products Manufactory Ltd. 寶時模具塑膠製品廠有限公司

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Address

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Business

Certifications

Brands

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Unit 8A, 2/F., Hopeful Fty. Centre, 10-16 Wo Shing St., Fo Tan, Shatin, NT

Mould & die related services, plastic mould

Mr. Gary Yam 任偉祥先生

eng@pro-tooling.com.hk

http://www.pro-tooling.com.hk

科泰全型塑膠制品(深圳)有限公司

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Mr. Luk Shu-hung 陸樹鴻先生

nfo@prosperity-mould.com

Plastic mould manufacturing

http://www.prosperity-mould.com

Unit A, 2/F., Hung To Centre, 94-96 How Ming St., Kwun Tong, KLN 23375102

Pro-Technic Machinery Ltd. A4736 寶力機械有限公司

Address

Website

Business

Brands

Telephone

Mr. K T, Robert Lai 黎啟東先生 Managing Director Unit 3808-12, Metroplaza Tower II, 223 Hing Fong Rd., Kwai Fong, NT

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黃超強先生

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24152286

Telephone

Business

Brands

Certifications

金進科技(深圳)有限公司 廣東省 深圳市 龍崗區平湖鎮山廈村杉坑 工業區, 郵編:518111

16949, FDA, UL

(86) 755-8465 4611 (86) 755-8465 4345 楊國強先生

27850277

nfoo888@msn.com

A0455

Qualidux Industrial Co. Ltd. 廣達實業有限公司

Mr. Bernie Ting 丁煒章先生

東莞廣達塑膠製品有限公司

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(86) 769-8331 3875

廣東省 東莞市 大朗鎮長塘管理區美景

Representative

13/F., Tin Fung Ind. Mansion, Address 63 Wong Chuk Hang Rd., Aberdeen, HK nfo@qualidux.com.hk http://www.qualidux.com.hk Battery operated toys, car/racing set/train, electrical toys (AC), plastic toys, premium & novelty items, pre-school, educational & infant toys, remote control toys, juvenile product, skateboard

Telephone Website Business Brands

Representative

Address Telephone

D0173

Website Business Brands Certifications

羅妮爾(蘇州)模具有限公司

Roeders (HK) Ltd.

Mr. Nelson Foo 傅正先生

德國羅德斯(香港)有限公司

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General Manager Flat 08, 38/F., Blk. A, Tong Ming Court, Tseung Kwan O, NT 56961122

dealer, massage equipment, plastic gear

w230298@163.com Website http://www.230298.com Mitsubishi EDM, laser cut machine Business

Brands Certifications

Address

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漳州和品工貿有限公司

(86) 156 5966 1666

佘漳南先生

A5290

Sam Tai Electrical Machinery Co. 三泰電機公司 Mr. Lam Foo-hung 林富雄先生

Address

Telephone

Website

Business

Brands

Fax

Blk. A, 2/F., Unit 19, Hoi Luen Ind. Centre, 55 Hoi Yuen Rd., Kwun Tong, KLN 29500473 sales@bestgroup.com.hk http://www.bestgroup.com.hk

& die components, mould making tools, plastic injection mould Certifications

東莞塘廈合益塑膠五金製品有限公司 廣東省 東莞市 塘廈鎮龍背嶺第一工業區 (86) 769-8791 6260

Mould & die bases & tool steels, mould

(86) 769-8791 6220 陳少瑛女士

Shine Bright Industrial Co. Ltd. 辰泰實業有限公司

Representative Mr. Raymond Ha 夏顯揚先生

A5503

Rm. A. 3/F., Winful Ind. Bldg., Address 15-17 Tai Yip St., Kwun Tong, KLN Telephone 27965626

Fax silck@skychances.com http://www.skychances.com Business Plastic injection mould (mould/plastic products) Brands ISO 9001:2000, QC 080000, TS 16949 Certifications

Factory Addres

東莞辰泰實業有限公司 廣東省 東莞市 清溪鎮羅馬銀泉第五工業區 (86) 769-8773 7200 (86) 769-8773 7800 夏顯揚先生

A9647

Representative 黃佰勝先生

Address

Telephone Business

Brands

Shing Fung Products Ltd. 成豐制品有限公司

7/F., Kin On Comm. Bldg., 49-51

Jervois St., Sheung Wan, HK

35719160 shingfung@s-fmould.com http://www.s-fmould.com Plastic mould, mould, injection, plastic products

Shing Fung ISO 9001

> 南和建毅模具有限公司 廣東省 深圳市 龍崗區布吉鎮布沙路100號 (86) 755-2870 0396 (86) 755-2870 0352 黃俊源先生

A9051

Shouji Tooling Factory Ltd. 東青林金型製造所有限公司

Telephone

Mr. Lo Wing-wai 勞榮偉先生 Units C & D, 9/F., Sing Teck Fty. Bldg., 44 Wong Chuk Hang Rd., Aberdeen, HK Address 39650088 oww@shoujitooling.com.hk Website http://www.shoujitooling.com Business Mould making (multi-colour mould, hot runner

mould, mould injected by assisted gas, electro-deposit mould, beryllium copper mould) 東青林金型製造所有限公司

廣東省 深圳市 寶安區沙井鎮萬豐工業區 大朗山西路一號 (86) 755-2720 5239 (86) 755-2720 7327

A9430

Shun Hing Industrial International Ltd. 信興實業國際有限公司

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Telephone Website Business Brands Certifications Mr. Li Tao-tak 李道德先生

General Manager Unit O, P, 5/F., Blk. 1, Kam Ho Ind. Bldg., 14-24 Au Pui Wan St., Fo Tan, Shatin, NT 26921368

shunhing@shunhing-mfg.com http://www.shunhing-mfg.com Plastic tool making and plastic moulding

信興五金塑膠廠 廣東省 東莞市 長安沙頭管理區中坊 第一工業區第六,七幢 (86) 769-8554 3055 (86) 769-8554 3055 阮國泰先生

APOLLO ISO 9001

大道638號



Shun King Diecast Mould Manufacturer

Address

Telephone Fax

Brands Certifications

D0048

Representative

Address

Telephone

Fax

順景鋁合金模製造廠

Mr. Tsoi Tsz-fong 蔡子芳先生 Rm. 1911, 19/F., Asia Trade Centre, 79 Lei Muk Rd., Kwai Chung, NT

26119562 24408087

shunking@netvigator.com http://www.hk-sk.com Metal products

TS 16949

順景園精密鑄造(深圳)有限公司 廣東省 深圳市 龍華新區觀瀾街道丹湖

社區潤塘工業區16棟順景園 (86) 755-2801 4989 (86) 755-2801 8932

Smartex (Asia) Ltd.

興佳(亞洲)有限公司

Silverlit Toys Manufactory Ltd.

Address

Telephone

Managing Director 1701-3, World Trade Centre, 280 28344168

Website

Battery operated toys, car/racing set/train, electronic toys, OEM products, plastic toys, premium & novelty items, pre-school, educational & infant toys, remote control toys

Brands

B1509 銀輝玩具製品廠有限公司

Mr. Kei-fung Choi 蔡奇逢先生

Gloucester Rd., Causeway Bay, HK

28348797 sltoys@silverlit.com http://www.silverlit.com

SL, SILVERLIT ISO 9001

A8455

Sun Legend Technology Ltd. 新源科技有限公司

Mr. Ko Fat-yuen 高發源先生

Unit B2, 15/F., Ph. 1, Superluck Ind. Centre, 45-53 Sha Tsui Rd., Tsuen Wan, NT

31677664 office@smartexasia.hk

31677629

— Guenther Hot Runner System, KraussMaffei Injection Molding Machine & S+S Metal Separator - Germany; Nestal Injection Molding Machine - Swiss; EAS Quick Mold Change System + Holland (magnetic mold clamp plate); Plovan - Italy (dryer, conveying system, mold temperature controller, dosing unit); RS In-mold Labeling Station - Hong Kong; Shini Robot - China Fasal - Austria (wood material - injection grade)

Brands

(86) 769-7691 6797 (86) 769-8792 9207

Telephone

Business

Brands

Fax

Mr. Stanley Cheung 張達材先生 Engineering Director
Unit 11, 5/F., Trans Asia Centre, 18 Kin Address

Hong St., Kwai Chung, NT 25173320 sunlegend@netvigator.com

Plastic injection mould

Certifications

深圳市米高科技有限公司 廣東省 深圳市 寶安區松崗燕川第一工業區

朝陽路10號 (86) 755-8144 0087 (86) 755-8144 0246

D0596

Synventive Molding Solutions Co. Ltd. 聖萬提注塑工業有限公司

Address

Telephone

Mr. Roy Sze 施學琦先生 Regional Manager 18/F., Tung Sun Comm. Centre, 194-200 Lockhart Rd., Wan Chai, HK 25988283

(86) 755-8221 5594 rsze@synventive.com

http://www.synventive.com 研究、設計、製造汽車和摩托車用以及其 他非金屬製品模具用熱流道系統、操作裝 置及相關配件、並提供相關服務

Certifications

聖萬提注塑工業(蘇州)有限公司

(86) 512-6283 8870

施學琦先生

D0565

Tai Hing Plastic Metal Ltd. 泰興塑膠五金有限公司

Mr. Leslie Lam 林志榮先生

Sales & Marketing Director

Flat A, 5/F., Van Fat Fty. Bldg.,

eslie@taihingproducts.com.hk

22 Ng Fong St., San Po Kong, KLN

http://www.taihingproducts.com.hk

Plastic/nylon coated/alloy accessory in

Telephone Fax

Address

Brands

Certifications

深圳市龍崗區泰昇塑膠五金廠

(86) 755-2861 4601

intimate apparel

楊永清先生

23261253

A8291

Tat Hing Development Ltd. 達興發展有限公司

Representative Mr. Yang Yong-gang 楊勇剛先生

Flat 19, 20/F., Tower A, Regent Centre, 63 Wo Yi Hop Rd., Kwai Chung, NT Address Telephone

25916773 yyg@thmold.com ttp://www.thmold.com CAD-CAM services & system, mould polishing services, plastic injection

mould Brands

D0005

Address

Website

Business

Telephone

達興塑膠模具有限公司 廣東省 東莞市 橫瀝鎮水邊工業園13號

Technovation Engineering Ltd.

研科創意工程有限公司

Mr. Au Kit-ho, Alfred 歐傑豪先生

alfred@technovation.hk

Managing Director Flat D, 32/F., Blk. 7, Harbour Place,

8 Oi King St., Hung Hom Bay, KLN

Plastic mould, total solution provider

conceptual design to mass production

of IMD-IML/IMR plastic parts from

(86) 769-8553 4189 (86) 769-8101 0654 楊勇剛先生

27933583

27931583

A7534

Mr. Wong Chu-kwan, Raymond 黃曙軍先生

Address

Telephone Fax Business

> Brands Certifications

Team Tech Development Ltd. 匯毅發展有限公司

Flat M, 6/F., Haribest Ind. Bldg., 45-47 Au Pui Wan St., Fo Tan, Shatin, NT

27657063

enquiry@teamtech.hk http://www.teamtech.hk Plastic mould, plastic injection moulding, mechanical design & drawing, prototype,

baby care products, assembly production

ISO 9001:2008

匯毅塑膠模具加工廠 廣東省 深圳市 寶安區石岩鎮黃峰岭工業區 昇平路168號

(86) 755-2764 2107 (86) 755-2764 2006 黄曙軍先生

A3328

Sunpet Industries Ltd. 日榮實業有限公司

Address Telephone Fax Website Brands

Certifications

Mr. Chi-yin Ko 高自然先生

sunpet@sunpet.com.hk

Unit 618, 6/F., 10 Science Park West Ave., Lakeside 2, HK Science Park, Shatin, NT 24256766

http://www.sunpet.com.hk OEM products, plastic optical products Sunpet, Panaview ISO 9001

中山日榮塑料電子制品有限公司 廣東省 中山市 火炬開發區中山港大道西側 (86) 760-8559 7525 (86) 760-8559 8800 陳宏敬

A9671

Sunway Plastics & Electric (Hong Kong) Co. Ltd. 三威塑膠電子(香港)有限公司

Mr. Bei Lichun 貝理純先生 Address

Telephone Website

Brands Certifications

三威實業(珠海)有限公司 廣東省 珠海市 香洲區華威路111號

(前山工業園) (86) 756-865 0888 (86) 756-851 1523 李沐新

20/F., Euro Trade Centre, 21-23 Des Voeux Rd., Central, HK

mandywang@zssunway.com Tooling build, plastics manufacture for sanitary, furniture, appliance, automobiles as well

A0829

Address

Telephone

Website Business

The Refined Industry Co. Ltd. 聯輝實業有限公司

Mr. Siu-fai, Simon Wong 汪韶輝先生 7/F., Sun King Fty. Bldg., 1-7 Shing Chuen Rd., Shatin, NT

swong@refined-ind.com http://www.refined-ind.com
A specialist in customised manufacturing (Original Equipment
Manufacturing and Original Design Manufacturing). By utilising our wide
range of capabilities in plastic, electronic and metal processing, we
serve customers in various industries, including gas detection, beverage
deforacions and electronic controls telepromerus representatives reporterioristatives.

ISO 9001:2000, ISO 14001:2004

建輝塑膠電子實業(深圳)有限公司 廣東省 深圳市 龍華新區觀瀾街道泗黎路127號 (86) 755-2802 2111 (86) 755-2802 2388



TK Mold (Hong Kong) Ltd.

Address

Telephone Fax

Brands

Certifications

東江模具(香港)有限公司

Mr. Godsend Lu 盧功善先生 General Manager Workshop 19, 9/F., Blk. B, Hi-Tech Ind. Centre, 491-501 Castle Peak Rd., Tsuen Wan, NT

24141388 24136041 gslu@tkmold.com http://www.tkmold.com

TK Mold, TK Plastic, TK Precision, TK HOLDINGS ISO 9001, ISO 14001, TS 16949, ISO 13485

東江模具(深圳)有限公司 廣東省 深圳市 光明新區光明高新技術產業

Plastic injection mould

園區東江科技園, 郵編:518107 (86) 755-2369 0086 (86) 755-2369 2700 **宣** 功善先生

D0230

Address

Telephone

Certifications

Tool And Mold Hong Kong Ltd.

Mr. Leung Fook-chi 梁福志先生 Shop K & B, G/F., TML Tower, 3 Hoi Shing Rd., Tsuen Wan, NT 36203440

Website Brands

ook.leung@toolnmold.com http://www.tooInmold.com Plastic injection mould making

A4749

Ultratech Mold Design & Manufacturing Co. Ltd. 雅達模具設計製造有限公司

Representative

Address

Telephone

Fax

Mr. Tan Che-keung, Calvin 陳志强先生 Workshop 1, 7/F., Assun Pacific Centre, 41 Tsun Yip St., Kwun Tong, KLN 23041361 23448405

東莞雅達高精密塑膠模具有限公司

mdc@ultratech.com.hk http://www.ultratech.com.hk Plastic injection mouldmaking and moulding ULTRATECH MOLD Business Brands ISO 9001, ISO/TS 16949, VDA 6.4 Certifications

廣東省 東莞市 鳳崗鎮雁田村祥新東路 (86) 769-8777 0222 (86) 769-8755 3288 張錦榮先生

Unico International Industrial Co. Ltd. A4302 日浩國際實業有限公司

Representative

Mr. Hon-po, Vincent Kong 江漢波先生 Rm. 1006, 10/F., Chevalier Comm. Centre, Address 8 Wang Hoi Rd., Kowloon Bay, KLN Telephone Fax npkong@hkunico.com; unico@hkunico.com

ittp://www.cotin.cc

Business Brands

Certifications

東莞浩天塑膠五金制品有限公司 廣東省 東莞市 虎門鎮南柵社區第五工業區

Plastic products, die-casting products

(86) 769-8556 3662 (86) 769-8556 6470 陳國偉先生

A4751

Unitec Moulds (HK) Ltd. 統泰模具(香港)有限公司

Mr. Lai On-kit 賴安傑先生

Executive Director Address Unit 6-8, 5/F., Well Fung Ind. Centre, 58-76 Ta Chuen Ping St., Kwai Chung, NT 24210607 Telephone 24201959 Fax evita@unitec-hk.com Website http://www.szunitec.com Plastic injection mould Brands OFM ISO 9001 Certifications

廣東省 深圳市 龍崗區平湖鎮山廈工業區 (86) 755-8465 4412 (86) 755-8465 4148 賴安傑先生

A4107

United Metals Co. Ltd. 鏗利實業有限公司

Address

Telephone

Unit D6, 18/F., TML Tower, 3 Hoi Shing Rd., Tsuen Wan, NT 24227636

Mr. Cheuk-luen, Trevor Kong 江爵煖先生

Aluminium products, die-casting metal products, paint

works & powder coating, spray painting services

Website

trevorkong@unitedmetals.com.hk

Brands Certifications

ISO 9000, TS 16949

東莞鏗利五金製品有限公司 廣東省 東莞市 樟木頭柏地管理區宏達

工業區第三排第三棟 (86) 769-8779 0560 (86) 769-8771 8897 李煜鈞先生

A9944

Address

Telephone

Upower Moulding Co. Ltd. 力眾模具廠有限公司

Mr. Tang Y Z

General Manager Flat B9, 7/F., Shatin Ind. Bldg. 22-28 Wo Shui St., Fo Tan, NT 28122977

25431328 tang@upowermould.com Brands

Plastic mould Certifications

廣東省 東莞市 塘廈鎮科苑城工業區

鹿乙三路3號 (86) 769-8786 5777 (86) 769-8277 1108 黄灿才

A3493

Victoria Industrial Group Ltd. 維多利亞工業集團有限公司

Mr. K C, Raymond Wong 王錦泉先生

Unit 205-208, 2/F., Kwai Cheong Centre, 40-52 Kwai Cheong Rd., Kwai Chung, NT

eunice.chow@victoria-ind-group.com

Western Tool & Mold Ltd.

Flat 1, 8/F., Yee Lim Ind. Centre, Blk. B,

2-28 Kwai Lok St., Kwai Chung, NT

cwilkerson@wtmlimited.com

Fax

Brands

Address Telephone

http://www.victoria-ind-group.com Plastic toys, Easter egg dye kit, cake decoration Certifications

products, Halloween makeup kit, hunting product ISO 9001:2000, GSV, ICTI

24623089

24612488

維多利亞(海豐)輕工實業有限公司 廣東省 汕尾市 海豐縣梅櫳鎮梅櫳管區 深坑嶺工業區 (86) 660-665 4311

(86) 660-665 7686 孫永康先生

A8443

Wellmei Mold and Plastics Industrial (Hong Kong) Co. Ltd. 匯美模具塑膠工業(香港)有限公司

Representative

Rm. 1511, 15/F., Hewlett Centre, 52-54 Hoi Yuen Rd., Kwun Tong, KLN Address

23729556

Mr. Tsai Chang-le 蔡長樂先生

Telephone Fax

nfo@wellmei.cn http://www.wellmei.com CAD-CAM services & system, metal stamping die, mould & die bases & tool steels, mould & die components, mould making tools, mould polishing services, plastic injection mould Epson, Minolta, JVC, Sanyo, 步步高, OKI, LG, Samsung, Radica, Motorola, AT&T, Vtech, GSL

Brands

A8470

Address

Brands

Certifications

Telephone

東莞匯美模具製造有限公司 廣東省 東莞市 長安鎮錦夏河西工業區 (86) 769-8535 2999

和興激光刀模廠有限公司

Marketing Manageress Flat J-K, 7/F., Ph. 2, Kwun Tong Ind. Centre,

436-484 Kwun Tong Rd., Kwun Tong, KLN

whlaser@wohinglasermould.com.hk

Ms. Li Hung 李紅女士

Laser moulds for printing

粤和興激光刀模(深圳)有限公司

工業區B17棟

蔣先生

(86) 755-2790 4101

(86) 755-2790 4099

廣東省 深圳市 寶安區西鄉鎮勞動第一

Wo Hing Laser Mould Factory Ltd.

(86) 769-8564 1918 劉標

A8935

華美塑膠模具有限公司 Mr. Wilkerson Collin Ray

24190438

Address

Telephone Fax Business

Brands

nttp://www.wtmlimited.com Plastic mould, tool & mould manufacturing; rapid prototyping, fused deposit modelling

ISO 9001:2008, AS 9100C, HK Green Medal Award Certifications

A4754

Yau Lieng May Fair Industrial Co. Ltd. 友聯明輝實業有限公司

Address

Telephone Fax Website Business Brands

Certifications

Mr. Ho Yuet-him 何悦謙先生

Flat 5, 2/F., Sun Cheong Ind. Bldg., 2 Cheung Yee St., Cheung Sha Wan, KLN (86) 755-2764 2129 (86) 755-2764 2063 h.ho@ylmfmold.com ttp://www.across-mold.com Plastic injection mould

羅偉強先生

友聯美輝塑膠模具(深圳)有限公司 廣東省 深圳市 寶安區松崗鎮江邊村振泰 工業城D棟. 郵編:518105 (86) 755-2764 2129 (86) 755-2764 2063



Yee Keung Industrial Co. Ltd. A9687 異強實業有限公司

23969181

27893150

Address Telephone

Fax

Brands Certifications

http://www.plastic-molding.net Plastic mould, injection moulded parts, assembly, vibration soldering, painting, hot stamping

Ms. Winnie Ho 何碧雯女士

enquiry@yeekeung.com.hk

6/F., Wah Yuen Fty. Bldg., 21 Beech St., Tai Kok Tsui, KLN

中山彩聲精密塑膠製品有限公司 廣東省 中山市

A9575

Address

Telephone

業進有限公司

Mr. Lee Kwong-chun 李廣進先生 Rm. 12, 12/F., Kwai Cheong Centre, 50 Kwai Cheong Rd., Kwai Chung, NT 24850108 24013382 fannie@yipchun.imsbiz.com.hk

Mould and die, metal bands

Yip Chun Co. Ltd.

東莞長安新民業進鐘表配件廠 廣東省 東莞市 長安鎮新民管理區 (86) 769-8541 4161 (86) 769-8541 4162 鄧雲彩

Brands Certifications

A8445

Yudo (Hong Kong) Enterprise Co. Ltd. 柳道實業(香港)有限公司

Representative

Address

Telephone

Fax

Brands

Rm. B, 15/F., Everwin Centre, 72 Hung To Rd., Kwun Tong, KLN 23445018 nfo@yudohotrunner.com.hk

Mr. Lee Sang-yeol 李象烈先生

http://www.yudohotrunner.com.hk CAD-CAM services & system, heat treatment, mould & die components, mould making tools, plastic injection mould

YUDO

徐詠詩女士

廣東柳道熱流道系統有限公司 廣東省 東莞市 長安鎮烏沙步步高大道 南新星工業園 (86) 769-8539 4466 (86) 769-8539 4455

玉記五金塑膠廠有限公司

Address

Telephone

Mr. Mok Yuen-bill 莫炫標先生 Rm. 2105, 21/F., CCT Telecom Bldg., 11 Wo Shing St., Fo Tan, Shatin, NT

Fax

Brands Certifications

東莞安信玉記電器製品有限公司 (第二期)第一排E座

A4755

Yuk Kee Metal & Plastic Factory Ltd.

28973235 bill@yukkee.com.hk http://www.yukkee.com.hk

(86) 769-773 2867 (86) 769-773 1773 莫衍恒先生

Electrical appliances such as fan heater and medical products (with MDD approval)

ISO 9001, ISO 13485

廣東省 東莞市 清溪鎮第二工業區北面

C0005

Address

Brands

Employers' Federation of Hong Kong 香港僱主聯合會

Mr. Louis Pong 龐維仁先生 1230, One Island South, 2 Heung Yip Rd.,

Wong Chuk Hang, HK Telephone 25280033 efhk@efhk.org.hk http://www.efhk.org.hk Business association

Certifications

C0217

C0228

Green Council Ltd. 環保促進會有限公司

Ms. Ho Wai-ping, Linda 何惠萍女士

Rm. 710, New World Tower 1, 18 Queen's Rd. Central, Central, HK

indaho@greencouncil.org

Address Telephone Fax Website

Brands

http://www.greencouncil.org Raise public awareness for the need of a better environment

Certifications

28101122

28101998

Hong Kong (SME) Economic and Trade Promotional Association Ltd 香港中小企經貿促進會有限公司

Mr. Simon Cheung 張川煌先生 LG1, HKPC Bldg., 78 Tat Chee Avenue, Address Kowloon Tong, KLN 24233800

Telephone Fax

fo@hongkongsme.com.hk http://www.hongkongsme.com.hk Business Trade association

Brands Certifications

C0019

C0204

Address

Telephone Fax Business

Brands Certifications

香港應用科技研究院有限公司

Dr. Tong Fuk-kay, Franklin 湯復基博士

3/F., Bio-informatics Centre, 2 Science Park West Ave., HK Science Park, Shatin, NT

34062801 corporate@astri.org http://www.astri.org

Government established organisation

A5017

Yusan Industries Ltd. 裕昇實業有限公司

Mr. Wilson Choi 蔡偉順先生

Address

Telephone

Fax

General Manager Unit 8-9, 8/F., Honour Ind. Centre, 6 Sun Yip St., Chai Wan, HK 28966386 28972938 wilson_choi@yusan.com http://www.yusan.com/ Internet radio, iPhonei/Pod docking products, DAB/ DAB & radio, micro system, mini system, CD Boombox, clock radio, OEM/ODE products, 2.4G wireless sound system, Bluetooth speaker, headphone, mat charger/ wizard pen, sound bar system

Brands Certifications

(86) 755-6112 6333

耀星科技(深圳)有限公司 廣東省 深圳市 寶安區沙井西部南環路 蠔一科技工業園

(86) 755-6112 6222

ISO 9001, ISO 14001

YUSAN

A9863

Address

Telephone Website

Brands Certifications

ZK (China) Co. Ltd.

Mr. Jason Lau 劉樹栢先生 Chief Operation Officer

上海市 閔行區劍川路951號C座5樓 (86) 769-8541 9231 (86) 769-8531 3134 劉樹栢先生

Flat X, 5/F., Valiant Ind. Centre, 2-12 Au Pui Wan St., Fo Tan, Shatin, NT

jason.lau@zk-system.com http://www.zk-system.com Tooling machines manufacture, maintenance and trading

Brands

Certifications

Address

Hong Kong Chinese Textile Mills Association 香港華商織造總會

M. Young S C, Clement 楊尚正先生 11/F., 38-40 Tai Po Rd., Sham Shui Po, KLN

27778236 Telephone 27881836 hk_chinese_tma@yahoo.com.hk Trade association

C0213

Address

Telephone Fax Website Business Brands Certifications

Hong Kong Courier Association Ltd. 香港速遞業協會有限公司 Mr. Ng Kwong, Gary 吳江先生

Rm. 1503, Trust Centre,912-914 Cheung Sha Wan Rd., Lai Chi Kok, KLN 35201851 23907680 nfo@hk-ca.org http://www.hk-ca.org Non-profit organisation

C0229

Representative

Telephone Fax Email

Website Business

Brands Certifications



C0216	Hong Kong Electrical Appliance Industries Association Ltd 香港電器業協會有限公司
Representative	Mr. Albert Lam 林偉明先生 President
Address	HKPC Bldg., 78 Tat Chee Avenue, Kowloon Tong, KLN
Telephone Fax Email Website Business Brands Certifications	64659830 31874579 info@hkeaia.org http://www.hkeaia.org Trade association —
Factory Name Factory Address Tel Fax Factory Rep	- - - -

ong Kong Energy and Minerals United Association ternational) Ltd.

香港能源礦產聯合會(國際)有限公司 Mr. Shum Chun, Lawrence 岑濬先生

Director General of Youth Ministry Rm. 2702, 27/F., The Sun's Group Centre, 200 Gloucester Rd., Wan Chai, HK 36901288 35210223

lawrenceshum@newoceanhk.com http://www.emua.com.hk Liaison & promotion of energy & minerals industry in Hong Kong

C0038	Hong Kong Electro-plating Merchants Association I 香港電鍍業商會有限公司	_td.
Representative Address Telephone Fax Email Website Business Brands Certifications	Mr. Chan Wai, Lawrence 陳偉先生 Chairman Unit 10, 21/F., Mega Trade Centre, 1-6 Mei Wan St., Tsuen Wan, NT 27768282 27883137 info@hkelectro-plating.com http://www.hkelectro-plating.com Trade merchants association. 商會	
Factory Name Factory Address Tel Fax Factory Rep	- - - - -	

C0218	Hong Kong Environmental Industry Association Lt 香港環保產業協會有限公司
Representative Address Telephone Fax Email Website Business Brands Certifications	Prof. Cheng Daniel M 鄭文聰教授 President 8 Wang Lee St., Yuen Long Ind. Estate, Yuen Long, NT 24438181 27893346 info@hkenvia.org http://www.hkenvia.org Industry trade association
Factory Name Factory Address Tel Fax Factory Rep	- - - - -

C0101	Hong Kong Export Credit Insurance Corporati 香港出口信用保險局	on
Representative Address Telephone Fax Email Website Business Brands Certifications	Ms. Iyria Fan 范秀雯女士 Deputy General Manager 2/F., South Seas Centre, Tower 1, 75 Mody Rd., Tsim Sha Tsui East, KLN 27329967 27226277 iyriafan@hkecic.com http://www.hkecic.com Export credit insurance. 出口信用保險 — ISO 9001:2008	
Factory Name Factory Address Tel Fax Factory Rep	- - - - -	

C0197	Hong Kong Foodstuffs Association Lt 香港食品商會有限公司	td.
Representative Address Telephone Fax Email Website Business Brands Certifications	Dr. Tai Tak-fung, Stephen 戴德豐博士 President Four Seas Group Bldg., 1 Hong Ting Rd., Sai Kung, NT 27999777 27920288 chairman@fourseasgroup.com.hk Trade association	
Factory Name Factory Address Tel Fax Factory Rep	- - - - -	

C0222	Hong Kong Footwear Association Ltd 香港鞋業商會有限公司	d.	C0203	Hong Kong Fur Federation 香港毛皮業協會	
Representative Address Telephone Fax Email Website Business Brands Certifications	Dr. Ben Cheung 張煒傑博士 President Blk. A, 2/F., Kar Tseuk Bldg., 185 Prince Edward Rd., Mong Kok, KLN 23812297 23976927 hkfootwear@netvigator.com http://www.hkfootwear.org Serve the Hong Kong footwear industry; protect & promote benefits and interests of the industry		Representative Address Telephone Fax Email Website Business Brands Certifications	Ms. Brenda Fung 馮妙慧女士 Manageress Rm. 1203, Chevalier House, 45-51 Chatham Rd. South, Tsim Sha Tsui, KLN 23674646 27390799 fur@hkff.org http://www.hkff.org To coordinate Hong Kong fur trade activities and to promote its development	
Factory Name Factory Address Tel Fax Factory Rep	- - - - -		Factory Name Factory Address Tel Fax Factory Rep	- - - - -	

C0214	Hong Kong Furniture & Decoration Trade Association L 香港傢俬裝飾廠商總會有限公司	td.	C0193	Hong Kong Furniture Association Ltd 香港傢俬協會有限公司
Representative Address Telephone Fax Email Website Business Brands Certifications	Prof. Eric Yim Chairman Level 15, Langham Place, 8 Argyle St., Mong Kok, KLN 25752755 28344643 info@hkfa.hk — Trade association —		Representative Address Telephone Fax Email Website Business Brands Certifications	Ms. Christine Lung 龍月如女士 General-Secretary Rm. 609, 6/F., Harbour Crystal Centre, 100 Granville Rd., Tsim Sha Tsui East, KLN 26870757 26870783 ifhk@furniture.org.hk http://www.hkfa.org Furniture association
Factory Name Factory Address Tel Fax Factory Rep	- - - - -		Factory Name Factory Address Tel Fax Factory Rep	- - - - -

C0036	Hong Kong Jewellery & Jade Manufacturers Association 香港珠寶玉石廠商會	
Representative Address Telephone Fax Email Website Business Brands Certifications	Mr. Charles Chan 陳聖澤先生 Honorary Permanent President Flat A, 12/F., Kaiser Estate Ph. 1, 41 Man Yue St., Hung Hom, KLN 25430543 28150164 hkjja@hkjja.org http://www.jja.com.hk Trade association —	
Factory Name Factory Address Tel Fax Factory Rep	- - - -	





C0220	Hong Kong Optical Manufacturers Association Ltc 香港中華眼鏡製造廠商會有限公司	d.
Representative	Mr. Chow Tak-fung, David 周德豐先生 President	
Address	Flat 11, 2/F., 11 Fa Yuen St., Mong Kok, KLN	
Telephone Fax	23326505 27705786	
Email Website	hkoma@biznetvigator.com http://www.hkoptical.org.hk	
Business Brands	Manufacturers association	
Certifications	_	
Factory Name	_	
Factory Address	_	
	_	
	-	
Factory Rep	_	

C0226	Hong Kong Plastic Bags Manufacturers' Association 香港塑料袋業廠商會
Representative Address Telephone Fax Email Website Business Brands Certifications	Mr. Mak Chan-chi 麥燦枝先生 President Unit 9, 5/F., Kwai Cheong Centre, 40-52 Kwai Cheong Rd., Kwai Chung, NT 23945912 23990152 admin@hkpbma.org.hk http://www.hkpbma.org.hk Trade association
Factory Name Factory Address Tel Fax Factory Rep	- - - -

C0226	Hong Kong Plastic Bags Manufacturers' Association 香港塑料袋業廠商會	
Representative	Mr. Mak Chan-chi 麥燦枝先生 President	
Address Telephone Fax Email Website Business Brands Certifications	Unit 9, 5/F., Kwai Cheong Centre, 40-52 Kwai Cheong Rd., Kwai Chung, NT 23945912 23990152 admin@hkpbma.org.hk http://www.hkpbma.org.hk Trade association	
Factory Name Factory Address Tel Fax Factory Rep	- - - - -	



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Address

Website Business

Brands Certificat

C0205	Hong Kong Plastic Machinery Association Ltd. 香港塑膠機械協會有限公司	
Representative Address Telephone Fax Email Website Business Brands Certifications	HKPC Bldg., 78 Tat Chee Avenue, Kowloon Tong, KLN 27886336 27886169 sec@hkpma.com http://www.hkpma.com Trade association	
Factory Name Factory Address Tel Fax Factory Rep	- - - - -	



C0178	Hong Kong Science and Technology Parks Corpora 香港科技園公司
Representative Address Telephone Fax Email Website Business Brands Certifications	Mr. Albert Wong 黃克強先生 CEO 8/F., Bio-informatics Centre, 2 Science Park West Ave., HK Science Park, Shatin, NT 26291818 26291833 enquiry.marketing@hkstp.org http://www.hkstp.org Government established organisation
Factory Name Factory Address Tel Fax Factory Rep	

C0103	Hong Kong Watch Manufacturers Association Ltd 香港表廠商會有限公司	d.
presentative	Mr. Kenneth Wong 王堅全先生 President	
dress	2/F., Fu Hing Bldg., 10 Jubilee St., Central, HK	
ephone	25225238 28106614	
ail	hkwma@netvigator.com	
osite iness	http://www.hkwma.org Trade association	
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tory Rep	_	

C0215	Hong Kong Printed Circuit Association Ltd 香港綫路板協會有限公司
Representative Address Telephone Fax Email Website Business Brands Certifications	Mr. Canice Chung 鍾泰強先生 Chairman Unit B, 22/F., Legend Tower, 7 Shing Yip St., Kwun Tong, KLN 21555099 21559099 secretary@hkpca.org http://www.hkpca.org Association of printed circuit industry
Factory Name Factory Address Tel Fax Factory Rep	- - - -

C0156	Hong Kong Productivity Council 香港生產力促進局	
Representative Address Telephone Fax Email Website Business Brands Certifications	Dr. Lawrence Cheung 張梓昌博士 Director, Technology Development HKPC Bldg., 78 Tat Chee Avenue, Kowloon Tong, KLN 27885702 27885900 cccheung@hkpc.org http://www.hkpc.org/html/eng/common/index.jsp Government established organisation —	
Factory Name Factory Address Tel Fax Factory Rep	- - - - -	

C0012	Hong Kong Woollen & Synthetic Knitting Manufac Association Ltd. 香港羊毛化纖針纖業廠商會有限公司
Representative Address Telephone Fax Email Website Business Brands Certifications	Mr. Chang Yan-yiu 張人堯先生 Chairman 31/F., Peninsula Tower, 538 Castle Peak Rd., Cheung Sha Wan, KLN 23682091 23691720 info@hkwoollen.org.hk http://www.hkwoollen.org.hk Trade association
Factory Name Factory Address Tel Fax Factory Rep	- - - - -

C0199	Institute of Professional Education And Knowledg 高峰進修學院	ge
Representative	Dr. Lillian Wong 黃倩瑛博士 Principal	
Address	8/F., VTC Tower, 27 Wood Rd., Wan Chai, HK	
elephone ax	28361849 35203546	
Email Vebsite	sywong@vtc.edu.hk http://www.peak.vtc.edu.hk	
Business Brands	Government established organisation —	
Certifications	_	
actory Name	_	
actory Address	_	
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actory Rep		

C0202	Invest Hong Kong 投資推廣署
Representative	Ms. Alison Tsui 徐慧敏女士 Head of China and International
Address	Operations 25/F., Fairmont House, 8 Cotton Tree Drive,
Telephone Fax Email Website Business Brands Certifications	Central, HK 31071000 31079008 enq@investhk.gov.hk http://www.investhk.gov.hk Government established organisation
Factory Name Factory Address Tel Fax Factory Rep	

C0191	JETRO Hong Kong 日本貿易振興機構(香港)
Representative Address Telephone Fax	Mr. Ryoichi Ito 伊藤亮一先生 Director General 40F Hopewell Centre, 183 Queen's Rd. East, Wan Chai, HK 25264067 28681455
Email Website Business Brands	hkg@jetro.go.jp http://www.jetro.go.jp JETRO, or Japan External Trade Organization, is not a private company, but a government-related organization. Our mission is to promote trade and direct investment between Japan and other countries
Factory Name Factory Address	=
Tel Fax Factory Rep	_ _ _

C0210	The Federation of Hong Kong Watch Trades & Industries 香港鐘表業總會有限公司	Ltd.	C0169	The French Chamber of Commerce & Industry In Hong Ko 法國工商總會	ong
Representative	Ms. Esther Wong 黃麗嫦女士		Representative	Mrs. Delphine Colson	
Address Telephone Fax Email Website Business Brands Certifications	Chairman Rm. 604, Peter Building, 58-62 Queen's Rd. Central, Central, HK 25233232 28684485 hkwatch@hkwatch.org http://www.hkwatch.org Watch trades and industries association —		Address Telephone Fax Email Website Business Brands Certifications	Executive Director 21/F., On Hing Bldg., 1 On Hing Terrace, Central, HK 25236818 25241428 frencham@fccihk.com http://www.fccihk.com Trade association The French Chamber —	
Factory Name Factory Address Tel Fax Factory Rep	_ _ _ _ _		Factory Name Factory Address Tel Fax Factory Rep	 	

C0227	NRW.INVEST GmbH
Representative Address Telephone Fax Email Website Business Brands Certifications	Ms. Stephanie Beeres 施黛楓女士 Project Manager c/o Anne Thiesen Ltd., Unit 1301-2, 13/F., Wilson House, 19-27 Wyndham St., Central, HK (49) 211-1300 0138 (49) 211-1300 0154 nrw@nrwinvest.com http://www.nrwinvest.com Economic development
Factory Name Factory Address Tel Fax Factory Rep	- - - -



Representative Address	Mr. Wu Kwing-yuen, Philip 胡烱源先生 Executive Secretary 15/F., Kiu Kin Bldg., 568 Nathan Rd.,
Telephone Fax Email Website Business Brands Certifications	Mong Kok, KLN 23856894 27704727 hkcpma@netvigator.com — Trade association —
Factory Name Factory Address Tel Fax Factory Rep	- - - -

C0014	The Hong Kong General Chamber of Commerce 香港總商會
Representative Address Telephone Fax Email Website Business Brands Certifications	Ms. Shirley Yuen 袁莎妮女士 CEO 22/F., United Centre, 95 Queensway, Central, HK 25299229 25279843 chamber@chamber.org.hk http://www.chamber.org.hk Trade association, government approved certification organisation
Factory Name Factory Address Tel Fax Factory Rep	

C0184	Shenzhen Association of Enterprises With Foreign Investment深圳外商投資企業協會
Representative Address Telephone Fax Email Website Business Brands Certifications	Ms. Guo Xiao-hui 郭小慧女士 Executive Chairman A-F Blk., 20/F., Shang Bu Bldg., Nan Yuan Rd., Futian District, Shenzhen, PRC (86) 755-8366 0797 (86) 755-8366 0095 xiaohui.guo@ecnia.org http://www.ecnia.org 調查研究、咨詢服務、交流培訓
Factory Name Factory Address Tel Fax Factory Rep	深圳外商投資企業協會 廣東省 深圳市 福田區南園路上步大廈 20樓A-F座 (86) 755-8366 0797 (86) 755-8366 0095 郭小慧女士

C0168	The Australian Chamber of Commerce in Hong Kong 香港澳洲商會	
Representative Address Telephone Fax Email Website Business Brands Certifications	Mr. Waters Drew 祖和德先生 Chief Executive Rm. 301-2, Lucky Bldg., 39 Wellington St., Central, HK 25225054 28770860 austcham@austcham.com.hk http://www.austcham.com.hk Trade association	
Factory Name Factory Address Tel Fax Factory Rep	- - - - -	

C0031	The Hong Kong Japanese Chamber of Commerce & Indus 香港日本人商工會議所
Representative Address	Mr. Masakazu Yagyu 柳生政一先生 Secretary General Unit 902, 9/F., Tower 535, 535 Jaffe Rd., Causeway Bay, HK
Telephone Fax	25776129 25770525
Email Website	jpcham@hkjcci.com.hk http://www.hkjcci.com.hk
Business Brands	Trade association
Certifications	_
Factory Name	_
Factory Address Tel	
	_
Factory Rep	

C0033	The Hong Kong Management Associatio 香港管理專業協會	n
Representative	Dr. Lee S K, Victor 李仕權博士 Executive Director	
Address	14/F., Fairmont House, 8 Cotton Tree Drive, Central, HK	
Telephone Fax	25266516 28684387	
Email Website	hkma@hkma.org.hk http://www.hkma.org.hk	
Business Brands	Management education and training The Hong Kong Management Association (HKMA)	
Certifications	-	
Factory Name Factory Address Tel Fax Factory Rep	廣州辦事處 廣東省 廣州市 昌崗中路166號2408至2410號 (86) 20-8752 1151 (86) 20-3891 1479 林潔貞女士	



The Hong Kong Metals Manufacturers Association Ltd. 香港金屬製造業協會有限公司

Address

Mr. Hung Sze-wai 洪思偉先生 Chairman Flat A, 10/F., Speedy Ind. Bldg., 114 How Ming St., Kwun Tong, KLN

Telephone

24298453 hkmma@hkmma.org.hk http://www.hkmma.org.hk Business Brands Certifications Trade association

24296419

C0160

The Hong Kong Shippers' Council 香港付貨人委員會

Mr. Sunny Ho 何立基先生 Executive Director Rm. 603, 9 Chong Yip St., Kwun Tong, KLN

Telephone

Brands Certifications

28919787 shippers@hkshippers.org.hk http://www.hkshippers.org.hk Trade association

C0209

Vocational Training Council

Address

Director, Institutional Advancement Office Institutional Advancement Office, 7/F., VTC Tower, 27 Wood Rd., Wan Chai, HK 28361247

Telephone 28919651

Vocational education & training Brands Certifications

職業訓練局

Prof. Simpson Poon 潘秉匡教授

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Website: www.hoyutool.com

中國廠房 (China Factory) 中國深圳市龍崗區橫崗街道勤富路26號 26, Qin Fu Road Heng Gang Street, Long Gang Qu, Shen Zhen, China Tel: (0755) 2851 1028 FAX: (0755) 2851 1018 E-mail Address: china-office@hoyutool.com



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United Oversea Enterprises Ltd.	聯僑企業有限公司	2





FHKI MEMBERSHIP APPLICATION FORM

香	港	I	業	總	會	會	員	申	請	表	
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- 11111	 Hong Kong Industries 				育港 .	上 業 總 曾 曾 !	貝 甲 請 表
OMPANY PARTICULARS	公司資料						
mpany Name 公司名稱							
glish)				(中文)			
mpany Address 公司地址 (Please complete in English	ı 請以英文填寫)					
ephone 電話	Facsimile	傳真	Company Web	site 公司網址			
mpany Email 公司電郵			Establishment Date 成立日	期	Names of Directo	rs or Owners 東主或董事	姓名
G Business Registry No. 香港商	5 業 登 記 證 號 碼	No. of Staffs in HKG		r Y Y Y the company listed on the Yes 有	e Hong Kong Stock	Exchange? 有否於香港	聯合交易所上市?
ain Products / Services 主要產	品/服務						
HKI REPRESENTATIVE I	總代表						
ame 姓名 Iglish)			(中文)		Mr 先生	□ Ms 女士 □ Oth	ers 其他:
sition 職銜				Direct Line of t	he Representative	工總代表直線電話	
glish)		(中文)					
nail of Representative 工總代表	電郵			Mobile No. of 1	the Representative	工總代表手提電話	
Filling in contact information of you DNTACT PERSON ON ENVIRO ame 姓名			nctional areas will enable us to s	erve you better. 填寫公記			
glish)			(中文)		_ ☐ Mr 先生	☐ Ms 女士 ☐ Oth	ers 其他:
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DNTACT PERSON ON FINANC	CE AND TAXATION ISSU	JES 財務及稅務聯	絡人*				
glish)			(中文)		_ ∐ Mr 先生 -	□ Ms 女士 □ Oth	ers 其他:
sition 職銜	Direct Line 直線電話		Direct Email 聯絡電郵				
DNTACT PERSON ON HUMAI	N RESOURCES ISSUES	人力資源事宜聯絡	*				
glish)			(中文)		_ Mr 先生	□ Ms 女士 □ Oth	ers 其他:
sition 職銜	Direct Line 直線電話		Direct Email 聯絡電郵				
DNTACT PERSON ON MARKE	ETING PROMOTIONS /	BUSINESS DEVELOPN	MENT RELATED ISSUES 市	場推廣/業務拓展事	喜宜聯絡人*		
glish)			<u>(</u> 中文)		☐ Mr 先生	□ Ms 女士 □ Oth	ers 其他:
sition 職銜	Direct Line 直線電話		Direct Email 聯絡電郵				
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Iffie 姓石 glish)			(中文)		☐ Mr 先生	☐ Ms 女士 ☐ Oth	ers 其他:
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總 會 籍 查 i	詢 2 852-2732 iry 3 852-2721		fhki@fhki.org.hk www.industryhk.org			Yue Street, Cheung Sh 長裕街 8號億京	



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852-2721 3494

FHKI MEMBERSHIP APPLICATION FORM 香港工業總會會員申請表

香港九龍長沙灣長裕街8號億京廣場31樓

PRD Council 珠三角工業協會 Please pick one designated local Chapter of the PRD Council which your factory is located in 請選擇 貴公司希望獲分配之一個地區分部 Guangzhou 廣州 Shenzhen 深 圳 □ Jiangmen 江門 ■ Dongguan 東 莞 П Zhongshan Ф Ш ■ Huizhou 惠 州 ■ Zhuhai 珠海 ■ Chaoshan 潮 汕 Fozhan 佛 山 / Zhaoqing 肇 慶 Factory Name 國內廠房名稱 Company Address 公司地址 (Please complete in English 請以英文填寫) Main Products 主要產品 No. of Staffs 員 工 數 目 Contact Person of the Factory \top \mathbb{R} \mathbb{R} \mathbb{R} \mathbb{R} \mathbb{R} ☐ Mr 先生 ☐ Ms 女士 ☐ Others 其他: Email of Factory Contact Person 國內廠房代表電郵 Direct Line of Factory Contact Person 國內廠房代表直線電話 Other Factories / Companies in the Mainland 其他國內廠房/公司之所有地(如有) (2) OVERSEAS FACTORY/ OFFICES 海外廠房/辦事處 Overseas Factory / Offices 海外廠房 /辦事處所在地 ☐ Asia 亞洲 ☐ Africa 非洲 (Country 國家) (Country 國家) ☐ Latin America 拉丁美洲 ■ Europe 歐洲 (Country 國家) (Country 國家) □ Oceania 大洋洲 □ North America 北美洲 (Country 國家) (Country 國家) REFERRED BY (if any) 介紹人(倘有 Referred by (Person) 介紹人姓名 中文姓名 (English) Referred by (Company) 介紹人公司 Information Collection Statement 資料收集說明 資料收集目的 Purpose of Data Collection Company and personal data collected in this form will be used for the Federation's membership services, including but 申請表內所提供的公司及個人資料,將用作提供會員服務,包括但 not limited to 不只限於以下用途: 辦理入會申請: (1) processing of membership applications; (1) 編制工總網上及印刷本的會員名錄、聯絡會員、維護 (2) listing on the Federation's printed and online Membership Directory for communications between the (2) 會員於本會及選舉之權益;及 Federation and its members, safeguarding members' rights in the Federation and elections; and 統計及研究。 compiling statistical data and research. Providing company and personal data in this application form is voluntary. However, failure to provide certain 申請表內提供的公司及個人資料是自願性質。如部份資料未能提供 可能導致本會不能辨理此入會申請。 information may result in the Federation being unable to process membership applications. 本會不會將收集所得的個人資料銷售或轉移給第三方用。 The Federation will not sell or distribute personal data collected to any third party. Access to Data 資料查閱 A Member may, at any time, request to access and update the information provided by writing to the Federation's Membership Relations Division. Declaration by the Company Representative 公司代表聲明 On behalf of the Company, I hereby by apply to join the Federation of Hong Kong Industries as full member. I agree to abide by rules and regulations of the Federation, and the basic company information may be included in the Federations's publications and other communications. 本人謹代表本公司申請加入香港工業總會·並同意遵守香港工業總會的規則及條文·以及提供本公司之基本資料·讓香港工業總會刊載於其出版之刊物上。 Name and Position 姓名及職衛 Signature 簽署 Date 日期 **852-2732 3188** fhki@fhki.org.hk 31/F, Billion Plaza, 8 Cheung Yue Street, Cheung Sha Wan, Kowloon

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Federation of Hong Kong Industries, 31/F, Billion Plaza,

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