



LIMPID BLOSSOMS

With the power to let architects and designers to create freely, digital glass printing offers a prospect in revolutionising glass façade designs



Digital glass printing is no longer traditional printing technique — texts and graphics are firstly transformed into computer processed data, then printed on glass by special inkjet printers or electronic printing machines without contact. Not only does it overcome the quantitative constraints of traditional printing methods, but it also leads to simpler and more stable printing process than screen printing or pad printing.

Customers can also handily modify and preview the designs in computers — with such convenient and flexible technology, architects and designers are able to experiment with glass in architectural projects, expressing their creativity to the fullest.

Since 2014, Speed Top (Hong Kong) Ltd has officially become the representative of JYC Glass Co Ltd in Hong Kong and Macau. With a highly motivated and experienced

team, Speed Top aims to provide customers with excellent and comprehensive services to promote digital glass printing within the regions — hence reshaping and revitalising the cityscapes of Hong Kong and Macau.

As the largest manufacturer of both decorative glass and safety glass in China, JYC Glass has a thorough grasp on the techniques of digital glass printing. Its products are widely used by designers for decoration in both indoor and outdoor areas. In addition, JYC Glass also provides the best and the latest collections for architects, sanitary product manufacturers and furniture manufacturers — whose products are used by more than two million families in the world each year.

With six-colour Diptech equipment and nine-colour Swiss Q machines, JYC Glass can easily print out colourful and distinct patterns on glass in a maximum resolution of 1440 DPI. The printed glass is able to endure various acidity and surface scratches, making it an ideal material for both architects and designers.

Having mastered the techniques of spray-printing glass in both high and low temperatures, JYC Glass can fulfil different design requirements with ease. For the high-temperature spray-printing technique, the

UV-resistant enamel paint is treated with heat to result in a slick, beautiful coating that resembles glass. The coating is also waterproof and resistant to both scratching and chemicals. Meanwhile, the spray-printed glass can be shaped at designer's will, making it a perfect material for façade design.

Low-temperature spray-printing technique is more closely associated with interior glass products. The technique involves UV spray-printing, which uses a UV light on the spray, enabling the paint to adhere onto the glass immediately to ensure excellent perseverance and water-fastness. As a result, the glass shows a better resolution and colour vibrancy than those printed in high temperature.

In addition, JYC Glass has mastered the techniques of vacuum alloy film sputtering, a German technique that coats numerous thin metal films on the glass surface, giving the glass a metallic mirror-like appearance. This extraordinary metal film is resistant to wearing, acids and will not discolour due to oxidation, so it can well protect the glass installed in both indoors and outdoors, as well as in kitchens or bathrooms.

The quality products of JYC Glass have obtained certifications in various countries. Since its establishment, the company has been an advocate of environmentally-friendly production, applying measures such as collecting and reusing industrial greywater, environmentally-friendly ink, plus regular upgrade of equipment. By improving the energy-efficiency of its production process, JYC Glass leads its competitors by example, protecting the environment and fulfilling its corporate social responsibility.

Visit the Aesthetic on Glass exhibition on 4-11 June at InnoCentre in Kowloon Tong, to learn more about JYC Glass and Speed Top (Hong Kong) Ltd.



華麗盛顯

隨著數碼玻璃噴印技術興起，玻璃幕牆的設計勢將隨之而革新，讓建築師及設計師展現無窮創意

數碼玻璃噴印技術有別於傳統的印刷技術，印刷資料先經電腦處理，再以噴墨或非接觸式的電子打印設備，在玻璃上呈現各種文字與圖像。這打印方法既不受傳統製版印刷的最少印量所限，也比絲印或移印簡單和穩定；客戶更可在電腦上修改圖案及預覽效果。擁有如此靈活方便的科技，建築師及設計師可盡情發揮創意，探索運用玻璃於建築上的無限可能。

自2014年起，捷高興業（Speed Top (Hong Kong) Ltd）正式成為佛山市金耀華玻璃有限公司（JYC Glass Co. Ltd）的港澳區代表，憑藉幹勁十足、經驗豐富的專業銷售團隊，推廣數碼噴印玻璃的應用，為港澳客戶提供優良及全面的服務，使新型的裝飾玻璃產品，有望現身港澳兩地的每個角落。

作為中國最具規模的裝飾及安全玻璃生產商，金耀華玻璃有限公司全面掌握了數碼玻璃噴印的技術，為設計師供應室內及室外的裝飾玻璃及特製玻璃之餘，亦為建築裝飾業、衛浴業、家具業等提供最新及最頂尖的裝飾玻璃產品，每年在全球為超過兩百萬個家庭所採用。

金耀華配備6色Diptech打印器材及9色Swiss Q設備，可於玻璃上噴印出色鮮艷及層次分明的圖案，最高解像度可達1440 DPI。經噴印的玻璃具有耐酸鹼及防刮的多種特點，因此產品大受建築師及設計師所歡迎。

為了滿足玻璃產品在應用上有不同需要，金耀華同時掌握了高溫噴印及低溫噴印的技術。高溫噴印是透過高溫處理，使黏漆附在玻璃上成為一層有如玻璃的物質，具有光亮、美觀、不吸水、不透水、耐刮及高化學穩定性等優點；而玻璃在噴印後還可被屈曲，配合黏漆的抗紫外光特性，是大樓外牆作帷幕印刷的最佳材料。低溫噴印則較適合於室內使用，透過UV噴墨玻璃的核心技術，顏料在噴印的瞬間經UV燈照

射，立即凝結於玻璃上，牢固度及防水性能達到世界頂級水平，達至比高溫噴印更佳的解像度及色彩。

此外，金耀華擁有德國真空合金鍍膜技術，可在玻璃表面鍍上多層稀有金屬薄層，讓玻璃可呈現出極富金屬質感的鏡面效果。這先進的合金鍍膜，具有耐磨、抗酸、防氧化變色的特點，遠勝市面的一般鍍膜，令玻璃能靈活地應用於室內外裝飾、廚房及浴室等。

金耀華除了獲得多國的品質認證外，亦早於成立伊始，一直將所有工業廢水統一收集處理，循環再用；配合採用環保油墨、定期為設備升級及優化改造等的措施，令整個玻璃生產過程更為節能環保，彰顯作為業界翹楚的環保意識，並以身作則，履行企業的社會責任。●

若有意體驗數碼噴印玻璃的魅力，可於6月4至11日親臨九龍塘創新中心，參觀由捷高興業主辦的「玻璃唯美主義」展覽，了解金耀華玻璃製品的奧妙。



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