



伯鑫工具股份有限公司

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企業沿革

- 1984 年** 伯鑫工具股份有限公司成立。
- 1986 年** 使用鉻釩鋼取代原有中碳鋼製作活動扳手的工廠。
- 1992 年** 臺灣活動扳手工廠取得德國 GS 認證。
- 1995 年** 生產 4"~24" 全系列大開口活動扳手。
- 1998 年** 設計研發符合人體工學產品 FP 系列，獲得臺灣精品獎及優良設計獎。
- 2001 年** 研發並量產多功能活動扳手。成功自行設計製造歐姆零件。
- 2004 年** RA 棘輪活動扳手贏得日本最高榮譽 G-MARK 設計大獎。通過 ISO-9001 認證。
- 2008 年** RA 棘輪活動扳手榮獲德國 IF 設計大獎。
- 2009 年** RA 棘輪活動扳手榮獲臺灣精品金質獎。
- 2010 年** QF 系列榮獲德國紅點 "REDDOT" 設計大獎。
- 2012 年** RW 棘輪活動扳手榮獲德國 IF 設計大獎。
- 2013 年** 通過 ISO 50001 能源管理系統認證。
- 2015 年** 獲選第三屆潛力中堅企業。
- 2016 年** RW 棘輪活動扳手榮獲臺灣精品銀質獎。

- 2019 年** 開始導入智慧工廠。
- 2020 年** 新廠建置啟動。
完成經濟部科技研究發展專案 - 水五金及手工具產業智能化計畫。
- 2021 年** 申請供應鏈智慧產線建置暨 AI 應用計畫，業經計畫審議會審查通過。
- 2022 年** 股票首次辦理公開發行，並登錄興櫃。
完成供應鏈智慧產線建置暨 AI 應用計畫，業經技術查證會議審查通過。
- 2023 年** 新廠建置完成並喬遷。

主要產品

- 工業級活動扳手、棘輪活動扳手、工業級鉗類產品

企業簡介

伯鑫工具股份有限公司創立於 1984 年，秉持追求精良技術的執著，專注於素有工具王之稱的活動扳手製造。開發具競爭力之高階手工具產品，應用於水電、

機械、建築、礦業、油田等工業師傅或專業職人使用，並拓展至航太高端領域。持續創新研發，所設計的產品亦獲得許多國際獎項，如：德國 IF、德國 Reddot、日本 G-mark、金典設計獎、臺灣精品獎、臺灣精品金質獎等。

出口實績及國際競爭力

1. 伯鑫基於研發能量強及生產、製造技術基礎紮實，突破舊有的 OEM 模式，以自主研發的 ODM 做為經營的主軸。專注在『專業級、工業級』產品市場，產品類型超過 150 種，銷售版圖遍及全球 52 個國家。由於研發、生產技術能力與品質優良的優勢，近年來已逐漸取代歐美自行生產的產品，在全球工業級的活動扳手市率約逾 2 成。已獲專利件數超過三百件，為臺灣唯一專業製造活動扳手廠。

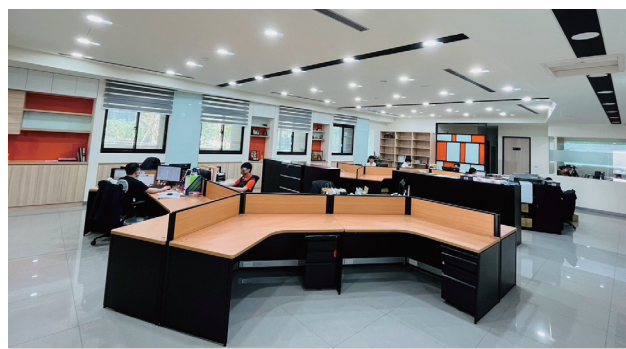
營運管理與績效

1. 經營理念：【精業，創新，超值】是本公司一以貫之經營理念。讓活動扳手成為使用者最有價值的工作伙伴，不斷的設計與創新來提供客戶全方位物超所值的服務，一直是本公司全體同仁共同的理念與態度。而我們的願景是：將 MIT 的高品質推向全球，揚名國際，並提升臺灣就業環境。
2. 研發創新成果：伯鑫近 40 年來一直不斷的研發新的產品與技術，積極申請臺灣、中國大陸、日本、美國、英國與歐盟之發明及新式樣等專利，所獲得的專利超過 300 件。
3. 生產技術：產品自製率高達 90%，且核心製程皆於廠內完成。為了讓工廠精確地管理原料、製程及產品，提升國際競爭力，目前已建置智慧化產線讓設備具有故障偵測、精度補償、自動參數設定與自動排程等智慧功能；整合平台及軟硬體讓製程更加精確，朝向「智慧工廠」邁進。未來伯鑫將持續提供高信譽、安全可靠的產品，使顧客滿意、放心，從而為 MIT 全球認同做出貢獻，達到「基業長青」之目的。

永續經營

1. 打造幸福職場：本公司在建置新廠時，透過導入更多自動化設備，包括自動化產線及自動倉儲系統，有效提升現場人員的工作環境。

2. 員工福利：生育補助、婚喪補助、員工子女獎學金、旅遊津貼、特別家庭日、聚餐津貼等。
3. 兩性平等之工作環境：持續宣導建立性別意識並考慮性別敏感度、鼓勵女性充分參與決策過程。
4. 綠色永續 - 淨零碳排作法：電力使用為本公司溫室氣體排放之主要來源，全廠皆已使用 LED 燈管，較傳統燈管節省約 44% 用電量，空調系統全面使用變頻馬達，加工設備亦選用節能設計。同時，更於廠房頂樓設置太陽能發電自用、餘電躉售。本公司以節電為減碳之主要手段，同時提升節能等級與生產效率。
5. 社會關懷：長期捐贈弱勢團體機構。



綜合評語

1. 專注於非動力手工具扳手項目之活動扳手製造，目標市場為專業級客戶群，為臺灣專精於「活動扳手」生產的製造工廠。
2. 導入智慧工廠，由機器人手臂完成人工製程，並導入智能軟體，完成整合 APS(智慧排程系統)與 MES(製程執行系統)，讓品質及工廠管理更加落實而完整。
3. 重視社會責任及綠色環保，全廠皆已使用 LED 燈管，更於廠房頂樓設置太陽能發電自用、餘電躉售。



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History

- 1984** The year of establishment
- 1986** Pioneer of applying Chrome Vanadium Steel for adjustable wrench production in Taiwan
- 1992** The 1st Taiwan adj. wrench manufacturer certified by GS (Germany Safety Mark)
- 1995** Providing full range, 4" to 24", wide-opened industrial adjustable wrench.
- 1998** A brand new design language product, FP series, was born. It obtained Taiwan Excellence Award and Good Design Award by its Ergonomic features, and brought the adjustable wrench design into a new era.
- 2001** Developed several multi-function adjustable wrenches and successfully designed and produced key-component, knurl.
- 2004** The RA series, Gen 1 of ratcheting adjustable wrench, won a G-mark award in Japan and, certified ISO-9001:2000 in the same year.
- 2008** RA series, obtained the German iF Design Award.
- 2009** RA series, was honored again by Golden Award of 2009 Taiwan Excellence Award
- 2010** QF series, a winner of German Reddot Design Award.
- 2012** RW series, Gen 2 of ratcheting adjustable wrench, hit another German iF Design Award.
- 2013** Certified by ISO 50001 Energy management systems
- 2015** Obtained the 3rd Taiwan Key Medium-Sized

Enterprise Award

- 2016** RW series, acquired Taiwan Excellence Silver Award
- 2019** Smart Factory introduction started up
- 2020** New Smart Plant building switched on
Accomplished the Science and Technology Research and Development Project of the Ministry of Economic Affairs - Plumbing Hardware and Hand Tools Industry Intelligent Automation Plan
- 2021** Application for supply chain smart production lines setup, had been approved by the Project Review Committee
- 2022** Initial Public Offering in the Emerging Stock Market
The supply chain smart production line construction and AI application plan were completed and reviewed and approved by the technical verification meeting.
- 2023** Completed the new AI plant as well as relocation

Business Items

- Industrial Adjustable Wrench, Ratcheting Adjustable Wrench, Industrial Pliers

Introduction

Proxene founded in 1984, has been dedicating to the development and production of adjustable wrench ever

since. Based on ODM, Proxene's product lines have answered various industries' demands such as plumbing, engineering, construction, mining, automotive and oilfield, etc. In recent years, Proxene's brainchild has successfully penetrated into Aerospace field. Proxene's capability on innovation has been verified by many international design awards, such as iF design Awards and Reddot design Award in Germany, G-mark design Award in Japan, Taiwan Excellent Golden Award, Taiwan Excellent Silver Award and Golden Pin design Award, etc.

Export Competitiveness

1. Based on its strong R&D team, solid production know-how and manufacturing technology, Proxene broke through the old OEM structure, and applied independently developed ODM as the main business model, focusing on the professional & industrial hand tool market, providing more than 150 types of product. The sales territory has been covering 52 countries around the world. Due to its advantages in R&D, production technology capabilities and excellent quality, it has gradually replaced products made in Europe and the United States in recent years, and the global market share of industrial adjustable wrenches has been exceeding 20%. With more than 300 patents granted, it is the only factory in Taiwan that specializes in manufacturing adjustable wrenches.

Operation Performance Management

1. Management Philosophies that have been carried on from the very establishment date: Excelsior, Innovation and Value. To make the adjustable wrench be one of the most valuable partners to the users, providing comprehensive and exceptional services to the customers by its constant innovative design, all these have been our concepts and attitudes. Proxene's vision is, bringing the MIT superior quality hand tools into global marketplaces, and enhancing the working environment.
2. R & D and Innovative Performance: Since its establishment for nearly 40 years, Proxene has been continuously researching and developing new products and technologies. And, has been actively applied patents for inventions and new designs in Taiwan, Japan, China, USA, the UK and the European Union. The number of patent applications has been exceeding 300.
3. Manufacturing technologies: Proxene's core production processes are in-house, the self-production rate thus is as high as 90%. To accurately manage raw materials, processes and products, as well as reinforce international competitiveness,

the smart production lines had been built currently, containing smart functions such as accuracy detection, compensation, automatic parameters setting, and automatic scheduling. The integration of software and hardware makes the manufacturing process more precise and eventually turns into a smart factory. In the future, Proxene will keep providing high-reputation, safe and reliable products to satisfy customers. The aim is clear, contributing to MIT's global recognition and Building an Everlasting Business.

Sustainable Management

1. Building better working environment: For the new factory, Proxene introduced as more automated machines as possible, including automated production lines and automated warehousing systems, to significantly enhance the quality of on-site working environment.
2. Fringe benefits: maternity pension, marriage and funeral subsidies, scholarship for employees' children, travel subsidy, special family day and dining-together subsidy
3. Gender-equality policy: disseminating gender awareness continually, taking into account of gender sensitivity and encouraging women to participate in the decision-making process
4. Ways to cope with Green-sustainability and Net Zero Emissions:

The main source of Proxene's carbon emissions comes from electricity usage. For quick fixes, the LED lighting were initially applied for entire facilities and led to 44% saving on electricity consumption of illumination. The air-condition system then follow suit and is changed into inverter motor. Also Proxene chooses machinery with energy saving design. What's more, the running of solar energy power generator setup on the roof, not just for in-house utilization, but also selling to the Government if it has residue. In summary, besides electricity saving for carbon reduction, Proxene has upraised the production efficiency for a better use of energy.

5. Society Care: Donating to disadvantaged groups and institutions for long term.

