

美科科技股份有限公司

- 負責人：楊美斐
- 網址：http://www.mcm-tw.com
- 地址：桃園市大園區工三路4號
- 電話：03-3864599



主要產品

- 技術產品：綠能水性金屬加工液（微乳化、半合成、合成） 油性切削液、抽線油、防鏽油、合成柱塞油、脫膜油、成型油、沖壓油
- 標準產品：HLP、HLPD、液壓油、放電加工油、滑道油、發電機油
- 工業清洗劑：水性清洗劑（高消泡性及適用任何鐵及非鐵材質）

企業沿革

2003年	公司成立，自創品牌MCM，投入植物性金屬加工液研發生產。
2006年	購置桃園大園廠。
2007年	通過ISO 9001:2008認證。 成立美瑪貿易(上海)有限公司。 進入APPLE系列產品供應鏈。
2008年	取得ROHS認證。
2012年	通過ISO 14001:2004認證。 通過OHSAS 18001:2007認證。 成立蘇州聯寶特種潤滑劑有限公司，佔地35畝。
2015年	購置大園二、三廠廠地約3000坪。 集團年營收(植物性切削液)突破10億

企業簡介

美科科技股份有限公司成立於2003年，自創品牌MCM從事植物性金屬加工液系列產品研發、生產。秉持「環保、健康、安全」的中心思想持續精益求精，成功將綠能新材料導入金屬加工液，賦予再生能源新的使命，為即將枯竭的自然能源爭取緩衝的時間與減少石油在煉製過程中的碳排放，紓緩溫室效應。未來美科科技將從研發、生產、一路追隨金屬加工液到它被完整使用、回收再利用。GREEN THE LIFE,BLUE THE SKY不只是美科的口號，它是美科的使命。



國際競爭力

- 一、自創品牌MCM區隔市場，定位產品為「環保、健康、安全」
- 公司目標與產品定位明確。創造產品差異化，集中有限資源深耕3C產業，目前是全球尖端3C品牌金

Mecom Industries Corp.

- Owner：Lily Yang
- Website：http://www.mcm-tw.com
- Address：No.4, Gong 3rd Rd., Dayuan Dist., Taoyuan City 337, Taiwan (R.O.C.)
- Tel：03-3864599

Business Items

- **Technical Products**  
Green cutting coolants (micro-emulsion, semi-synthetic and synthetic), Cutting oils, Wire drawing oil Rust preventives, Synthetic plunger lubricant, Mould release oil, forming oil and drawing oil.
- **Standard Products**  
HLP, HLPD, Hydraulic oil, EDM, Slide way lubricant, generator lubricant.
- **Industrial Cleaners**  
For ferrous and non ferrous metal.



History

2003	Formation of MECOM and logo MCM. R+D of vegetable metal process oil
2006	Purchase of Dayuan plant.
2007	ISO 9001:2008 achieved Formation of MCM Trading (Shanghai) Com Ltd. Supply to APPLE
2008	Achieved ROHS
2012	ISO 14001:2004 OHSAS 18001:2007 Formation of Suzhou Trimpol Specialty Lubricants Com Ltd.
2015	Purchase land for Dayuan second and third Plant. Group annual turn over exceeding 1 billion NT.

Introduction



MECOM INDUSTRIES CORP. founded in 2003, MCM under its own brand name is engaged in plant based metal processing fluid series product research and development, production. Grasps "the environmental protection, health, safety," the central idea of sustained excellence, successfully brought green new materials of metal processing fluid, new mission, renewable sources of energy for the

屬機殼加工液的一線供應商，以綠色環保植物切削液聞名於業界。深化研發的寬度與深度，MCM產品不僅適用於精準度超高的3C產業加工機角並且跨足航空、車輛、工作母機等。

- 二、結合歐美技術，研發最適合亞洲人習性、體質的金屬加工液
- 1、金屬加工液這個產業最有創意與挑戰的是它沒有標準配方，人、事、時、地、物都可能是它的環境配方變數，MCM客製化每一批產品與建構完整生產歷程，掌握每一批產品於金屬加工過程中的環節，做最正確、最快速的判讀與問題解決。
- 2、具備研發能力，掌握研發過程的每一個細節。環境配方充滿變數造就高技術門檻。
- 三、創新的企業思維與掌握市場脈動  
透過與刀具、機械業者異業結盟的方式，分享資訊掌握市場脈動。並且在產品客製化研發過程中提早處理產品優化與掌握加工工序過程中所面臨環境變動。
- 四、產品獨特性與不可取代  
美科科技研發生產的綠能植物性金屬加工液，成功區隔礦物油基的產品。植物油基具備生物分解與極性分子的特性。生物分解對環境友善，在環保意識越趨抬頭的現在與未來，它具有不可取代性的趨勢越來越明顯；極性分子可以在工作表面緻密均勻油膜排列達到最好的加工效果與保護作用。
- 五、完整的服務網絡與顧客管理  
MCM產品多屬客製化產品，在台灣直接接觸使用者，出口部分透過海外子公司接觸使用者，快速並直接取得使用者的問題回饋。台灣客服工程師將消費者回饋的訊息透過通訊軟體即時傳遞給研發技術團隊加以分析、修正，問題可以迅速被解決。
- 六、環保優勢
- 1、導入植物基綠能新材料取代石油基基礎油，產品可透過生物分解過程轉化為自然養分，生生不息。
- 2、遵循REACH(SVHC)規範。



營運管理

- 一、經營策略
- 1、以自有品牌行銷，區隔市場。
- 2、出口為主，根留台灣。
- 3、近程以小眾市場為目標，訴求環保、健康、安全。遠程目標為推廣、擴散生物基綠色能源取代礦物油基能源
- 二、整合企業資源，建構完整的產品歷程。
- 三、研發團隊結合客服技術服務，過程無縫接軌。
- 四、嚴格執行ISO 9001、ISO 14001、OHSAS 18001管理規範與研發部門開立的製程SOP。
- 五、人力資源培養與企業文化傳承
- 1、完整的跨部門教育訓練，集合研發部、製造部、銷售客服工程師做客戶問題回饋、解決總體檢與訊息分享，讓個別的經驗匯集並且傳承。

depletion of natural resources for the buffer time and reduce carbon emissions in the process of refining oil, relieve the greenhouse effect. In future, MECOM technology will follow all the way from research and development, production, metal processing liquid to use, including complete recycling. GREEN THE LIFE, BLUE THE SKY is not just a slogan, it is our mission.

Export Competitiveness

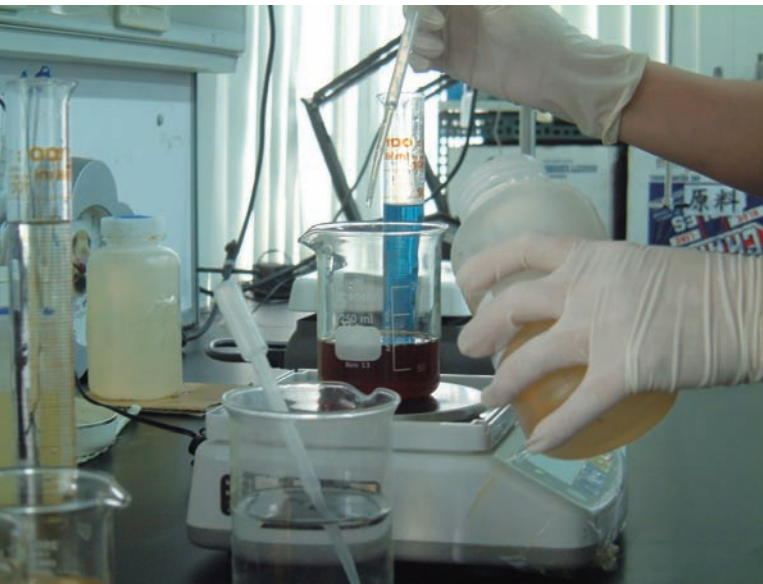
- I. MCM segregation market under its own brand name, product positioning for "environmental protection, health and safety" MECOM creates product differentiation, and focus on 3C industry, which is the world's cutting-edge 3 c brand liquid metal chassis processing line suppliers, known as the green plant cutting fluid in the industry. Deepen the research and development of the width and depth, MCM product is not only suitable for ultra precision processing tentacles of 3 c industry and extends to aircraft, vehicle, machine tools, etc.
- II. In combination with the European and American technology, MECOM developed the most suitable metalworking fluid for Asian people habits and constitution.  
A. liquid metal processing of the most creative and challenges the industry is that there is no standard formula, who, what, when, and can all be this environment variable formula. MCM customization each batch products and construct a complete resume production, grasp every batch of products in metal processing link, in the process of doing the right and the most rapid interpretation and problem solving.  
B. Research and development ability, grasps the development process of every detail. Environment formula uncertainty make high technology threshold.
- III. The innovation of thinking and grasp the market pulse  
Through the alliance with cutting tools, machinery industry, different industry, share information, to grasp the market pulse. And early in the process of research and development of product customization processing product optimization and control processing procedure in the process of facing the environment change.
- IV. Products are unique and irreplaceable  
MECOM's R+D of green plant metalworking fluids successfully separate the mineral oil-based products. Plant base have biological decomposition and the characteristics of polar molecules. Biolysis friendly to the environment, the environmental protection consciousness, the more hasten is looking up now and in the future, it has irreplaceable trend more and more obvious; Even oil film on polar molecules can work in order to achieve the best processing effect and protective effect.
- V. Complete service network and customer management  
MCM products are customized products, direct contact with the users in Taiwan, the export section through the overseas subsidiaries contact user, quick feedback and to obtain the user's problem. Sales customer service engineer will consumer feedback message passed through instant communication software research and development technical team to analysis and correction, problems can be solved quickly.
- VI. Environmental advantages  
A. Use plant-based green new material to replace petroleum base base oil, the product can through biological decomposition into natural nutrients, endless.  
B. Follow the REACH (SVHC) specification.



- 2. 充份授權，培養員工獨立自主與責任心。提供安全、環保的工作環境照顧員工身、心健康。
- 3. 提供優渥的薪酬與績效獎金、員工福利讓人才無後顧之憂投入工作。
- 六、完整的會計制度與健全的財務架構、預算管理。藉由ERP系統串連建置內部控制制度並施行實地月盤點制度。企業資源正確、充分運用，整合協助管理層做決策分析。

社會責任

- 一、堅持環保、健康、安全的理念，不僅保障員工有安全的作業環境，也保障金屬加工業界從業人員的安全作業環境。
- 二、推廣生物基綠色能源，減少天然資源使用，為即將枯竭的自然能源爭取緩衝的時間與減少石油在煉製過程中的碳排放，紓緩溫室效應。
- 三、建立同工同酬的兩性平等工作環境。
- 四、堅持只聘僱台籍員工，保障國人就業機會。成立以來從未有無薪假、減薪、資遣等情事，有穩定社會的貢獻。
- 五、研發總部留在台灣，為台灣培養優秀高階研發人員與技術。



綜合評語

- 一、具備研發與製造能力的專業金屬加工液公司，導入綠能新材料與植物基潤滑劑取代傳統的石油潤滑劑，成為亞洲機殼界金屬加工液品牌推手，為兩岸三地華人最大的金屬切削液製造商與特定3C產業中最高階環保型切削液全球最大供應商。
- 二、以自有品牌MCM行銷華人區域，占國內外植物性切削液近八成，外銷以中國大陸為主，技術含量高，客製化生產並建立產品履歷及後續追蹤程序，獲得國外大廠產品認證。
- 三、運用系統管理內部資源處理財務、人力、銷售等，建立會計與內部控制、稽核制度，以及整合產銷流程並規劃關鍵設計保護企業資產。
- 四、員工福利佳、低流動率，金屬加工液產品使用綠能新材料與植物基潤滑劑，具高生物分解性，堅持環保、健康、安全的理念。



Operation Management

- I. Management strategy
- 1. Use own brand to tackle market segment.
- 2. export-oriented, root in Taiwan.
- 3. Initially aim at niche markets that demands for environmental protection, health and safety. Long-range goals for the promotion green plant base product to replace mineral oil in conventional market.
- II. Integration of enterprise resources, construct the complete product record.
- III. Research and development team with customer service technology service, process seamless integration.
- IV. Strictly implement the ISO 9001, ISO 14001 and OHSAS 18001.
- V. Human resources training and corporate culture inheritance
- 1. complete the inter-departmental education training, a collection of R&D, manufacturing, sales, customer service engineer to do the customer feedback, solve the overall inspection and information sharing, let the individual experience together and pass.
- 2. fully authorized, train personnel independence and responsibility. To provide a safe, environmental protection work environment to take care of employees' body and mind health.
- 3. provide excellent pay and performance bonuses, employee benefits for talent worry-free work.
- VI. Complete accounting system and a sound financial structure, the budget management. By connecting the ERP system construction of internal control degree and implement field in inventory system. Enterprise resources, use correctly, integration and assist management decision-making analysis.

Social Responsibility

- I. Adhere to the concept of environmental protection, health, safety, not only to ensure the safety of employees working environment, and guarantee the safety of the metal processing industry practitioners working environment.
- II. Adoption of green energy, reduce the use of natural resources, for the depletion of natural resources for the buffer time and reduce carbon emissions in the process of refining oil, relieve the greenhouse effect.
- III. Establish gender equality working environment of equal pay for equal work.
- IV. Hire Taiwanese employees, safeguard the people jobs. Since its establishment, the company has never force employee to take no-pay vacation, reduce salary, lay off etc. Company provides stable social contribution.
- V. Cultivate excellent R&D headquarters in Taiwan, Taiwan advanced research and development

