

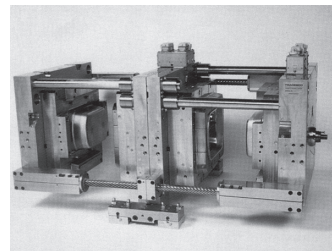
台灣盛百

累積多年工具鋼製造經驗 精益求精 矢志為顧客追求最高利益

台灣盛百股份有限公司為瑞典ASSAB (為瑞典UDDEHOLM鋼鐵集團) 在台分公司，累積數年工具鋼的製造、販賣及技術性服務的經驗，秉持滿足客戶需求的經營理念，從客戶的工作中，真正了解業者的品質需求，以創新的煉鋼技術不斷改良鋼材的品質及開發新鋼種，使ASSAB工具鋼品質馳名世界。

ASSAB 所提供的材料依一般的應用而分成四大類，分別是塑膠模具鋼、熱作工具鋼、冷作工具鋼及碳化鎢等。除提供各種高級工具鋼材之外，並有針對不同種類及用途的模具做個別

程式設計的高品質熱處理服務，另有粗銑和研磨的加工服務，及去除工具表面應力的ABP表面複合處理服務。



面對21世紀電子商務高速拓展的挑戰，該公司準備在網上提供工具鋼的資訊及線上買賣的服務以支援客戶及時的需要。同時不斷追求創新的團隊充分地發揮對模具材料的瞭解來縮短模具廠的交貨期、生產週期、並延長模具壽命，及開創工具的附加價值服務使得產業因工具產量增加而升級，讓客戶獲得最直接的利益。

公司簡介

公司名稱：台灣盛百股份有限公司

地址：248台北縣五股工業區五工一路112號

成立日期：1991年

員工數：49人

資本額：5,000 (萬)

電話：886-2-22992849

傳真：886-2-22992348

電子信箱：marketing@assab.com.tw

網址：盛百.商業.tw

產品：高品質工具鋼材、精密沖模板、碳化鎢、熱處理、鍍銅以及鋼帶。

長鈺

主推 粉末冶金模具等產品

追求產品及服務品質不遺餘力

長鈺模具股份有限公司主要營業項目包括粉末冶金模具、碳化鎢模具、精密塑膠模具、磁性材料模具、精密陶瓷模具等，各項產品可依客戶需求量身訂做，目前主要供應國內廠商，部分亦銷往日本及中國大陸。

為提供客戶優質之產品及服務，該公司除了引進來自瑞士、日本等國之先進加工設備及檢驗設備之外，亦相當注重員工教育訓練，而其教育訓練內容則兼顧廠內的講習以及廠外的觀摩。廠內的講習有助於提升產品品質，例如，在不良率的控管方面，若遇製

造過程有任何疏失，隨即召開部門會議進行檢討並加以改善，同時特別重視經驗的傳承，將該項疏失的前因後果加以分析，並撰寫成書面資料，作為教育訓練的教材，避免再次發生同樣的錯誤。



在廠外的觀摩活動方面，主要是讓員工真正瞭解客戶需求，以及準時交貨的迫切性，進而願意主動積極把關，確實掌握交期、順利出貨。此外，該公司已於

去年通過ISO9001品保認證，並要求全員一致遵循標準作業流程執行工作，期能提供最佳品質給所有顧客。

公司簡介

公司名稱：長鈺模具股份有限公司

地址：350苗栗縣竹南鎮大厝里23鄰獅山70-20號

成立日期：1987年

員工數：57人

資本額：3,200 (萬)

電話：886-37-474684

傳真：886-37-468759、886-37-467074

電子信箱：chungyie@ms46.hinet.net

網址：www.chungyi-mold.com.tw

產品：粉末冶金模具、碳化鎢模具、精密塑膠粉末射出成形模具、磁性材料模具、精密陶瓷模具、環規、塞規、夾具、治具、電子零件模具以及冷、熱鍛造模具。

郁玆

專業生產

精密模具零件

種類齊全 品質佳 提供完善服務

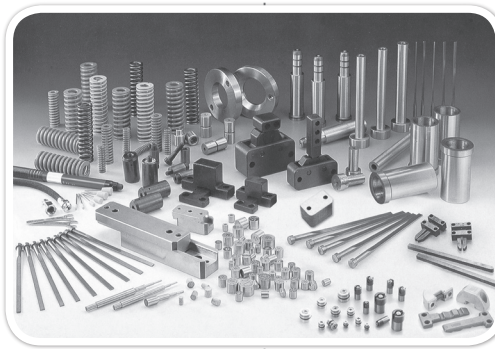
郁玆企業有限公司於1980年成立迄今已擁有32年之豐富經驗，製造專業生產模具專用零配件，匯同專業技術人員嚴格把關所生產模具零配件之品質，秉持「穩健經營、品質優先、交期準時、完善服務、客戶至上」之經營理念，服務顧客，建立良好企業信譽。

該公司生產產品項目眾多，如射梢、開閉器、強制回位、導套、導桿、導柱輔助器、固定柱、固定圈、日期章、冷卻棒、排氣栓、水栓、灌嘴、氮氣栓、進口彈簧、射管、平面梢、風梢器等；並以「強制回位裝置」與「環保章」最為出色。「強制回位裝置」，能確定頂針板歸位，

提昇動作率、時效及品質，防止橫仁或滑塊間碰傷；而「環保章」（年月日指示裝置），可提昇模具品質及成品價值觀，另可依客戶需求特別訂購所需產品。

為能提供客戶滿意服務，該公司堅持「品質、服務、創新」三大原則，採用先進設備，一貫的品質要求，是郁玆給予客戶最大的用心與承諾，藉著熱忱、專業、迅速的服務來滿足客戶需求，並備有充足的貨源以供客戶訂購，

減短等待的時間成本。隨著時代不斷更替，觀念不斷創新，輔以先進的設備與加工技術以提昇價格競爭力，追求客戶及公司間達到最佳的成長與發展。



公司簡介

公司名稱：郁玆企業有限公司

地址：24258台北縣新莊市福營路213巷3號

成立日期：1980年

員工數：10人

資本額：500（萬）

電話：886-2-29031034、29030034、29030887

傳真：886-2-29063647

電子信箱：yuhshyuan_chow@yahoo.com.tw

網址：www.yuhshyuan.com.tw

產品：精密模具零件等

偉國鋼模

品質深受業界肯定

累積30餘年豐富經驗

鋼模製品橫跨各產業

偉國鋼模公司發展迄今已有30餘年之歷史，其主要產品包括「塑膠射出鋼模製品」以及「複合材料熱壓鋼模製品」。該公司自1974年即已開始投入「塑膠射出鋼模(Injection Mold)」設計、製造工作，並於1978年因應國防工業的需求，決定再投入「複合材料熱壓模(SMC.BMC.GMT.MOLD)」之設計、製造工作。

爲了進一步加強技術層次，1992年透過日本松阪金型會社(MATSUZAKA)的技術指導，在產品品質、製造流程以及技術能力等各方面，均有長足的進步，深獲業

界肯定。如今該公司產品應用範疇已經相當廣泛，舉凡電子、家電、汽車、機車、衛浴建材、航太、國防等各個產業領域之鋼模製品，無一不是該公司製造專長之所在。

有鑑於企業永續經營之關鍵，端賴於顧客滿意的程度。該公司指出，從過去、現在到未來，偉國鋼模都將如同台灣水牛一般，秉持著「默默耕耘·永續服務」的精神，提供客戶最好的品質及服務；同時，此一理念亦爲企業經營的最終目標，該公司將會持續不斷地推動下去！

公司簡介

公司名稱：偉國鋼模股份有限公司

地址：23861台北縣樹林市三俊街199巷20弄35號

成立日期：1974年

員工數：25人

資本額：2,000 (萬)

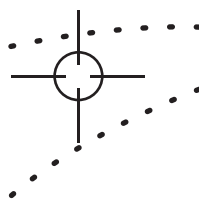
電話：886-2-26888181

傳真：886-2-26888691

電子信箱：welcomem@mail.mold.net.tw

網址：www.welcomem.com.tw

產品：複合材料熱壓模、塑膠射出模。



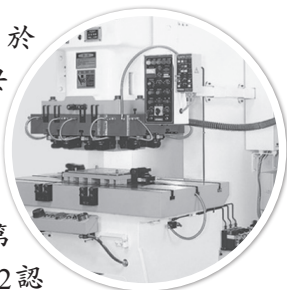
富偉 專精製造各種 快速換模系統

→ 自動化 | 省力化 | 生產管理更加合理化

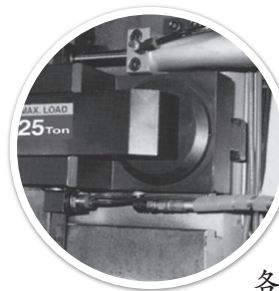
富偉公司成立於1987年，主要生產自動化、省力化之各種快速換模系統。1997年10月該公司成為台灣第一家榮獲ISO-9002認

證之生產快速換模工廠，並於1998年取得CE國際認證，品質保證更上層樓。目前亦透過不斷地投入研發、創新，持續提升更換模具的速度、精度及安全度。

該公司之主要產品包括「印刷電路板油壓沖孔脫料系統 (P.F.P.S)」，此系統之沖孔前壓板壓力及沖孔後油壓平均脫料之動作及出力，均可依不同材質來調



整，以達到業界追求高品質之要求。至於「射出成型機、壓鑄機快速換模系統 (Q.M.C.S)」則是提供給各式射出機、壓鑄機模具多樣性的快速換模專用元件，此系統的使用，可大幅提昇產能，使得生產管理更為合理化。此外，「自動式夾模器系列」則包括TAX 自走式夾模器、TR 旋轉夾模器，以及TS 搖擺夾模器等產品。



爲了就近提供顧客滿意服務，該公司在紐西蘭、澳洲、美國、泰國、馬來西亞、新加坡、印尼及中國大陸等全球各地，均已廣設服務據

點，期能充分滿足顧客需求。

公司簡介

公司名稱：富偉精機股份有限公司

地址：51346彰化縣埔心鄉經口村明聖路2段399號

成立日期：1987年

員工數：45人

資本額：1,000 (萬)

電話：886-4-8345196

傳真：886-4-8345197

電子信箱：forwell@forwell.com

網址：www.forwell.com

產品：快速換模系統、印刷電路板沖孔、油壓脫料系統以及換模台車。

黑金鋼 生產 粉末高速鋼

耐磨耗 ▶ 高韌性 ▶ 穩定性極佳

黑金鋼股份有限公司的主要生產產品包括黑金鋼BSW T15、黑金鋼BSW 23等粉末高速鋼，具有耐磨耗、高韌性、穩定性佳之特色，擁有良好之被切削性及被研磨性，適於用冷間加工，諸如：下料工具、切削工具、金屬成型工具、機械工具、衝壓模具，以及精密下料等。

該公司指出，相較於傳統高速鋼，粉末高速鋼具有無方向性、結晶顆粒細緻均勻、熱處理能提高硬度、熱處理變形減少、沒有偏析的現象、沒有非金屬介在物，以及具有耐磨性、韌性等優點。由於粉末高速鋼具有很高的耐磨耗性，乃為韌性優異的被加工件，可研磨成相當光滑

的表面，可成功取代傳統高速鋼，用於各種成型刀具之製作，亦可廣泛地使用於精密連續沖模、深抽模及折彎模等。

此外，該公司亦生產黑金鋼RG25，具有碳化鎢與鈷結合之碳化物等級的良好韌性、適中的壓縮強度及衝擊強度，以及很高的抗張力疲勞強度。特別適用於抗磨損耗的披覆（介質的披覆）、金屬成形加工、壓料栓塞、深抽模，以及特定機械需承受高壓縮力的零件部品之製作。



公司簡介

公司名稱：黑金鋼股份有限公司

地址：33051桃園市向善街13號

成立日期：1993年

員工數：15人

資本額：1,500（萬）

電話：886-3-3563552

傳真：886-3-3562535

電子信箱：gmneou@gmail.com

網址：<http://www.kinggold.com.tw>

產品：粉末高速鋼，碳化鎢。

達鴻

致力於 高精度外形塑造、 射出及電動汽車機械加工件 提供客戶最完美之各式模具

達鴻精工股份有限公司成立於1987年，前身為名昶金屬精密有限公司，為拓展業務，於2001年改組為達鴻精工股份有限公司。隨著全球化、多元化及品牌化競爭時代的來臨，達鴻矢志為客戶創造新產業價值，建立高品質之專業形象。

該公司於2004年通過ISO 9001-2000品質認證，秉持著『品質穩定、客戶滿意』之理念，持續推動「品質管理系統」活動，追求持續改善及問題預防，同時提升品質、生產力、及顧客滿意水準。更建立了ERP系統，透過嚴密的流程管理系統，建立、執行、及維護完善之整體品質管理，並藉此提供符合顧客要求的產品品質及服務。



達鴻精工為專業之高精度外形塑造、射出、機械加工及提供各式客製模具設計製造。生產高品質之多元化產品，如光學、衛浴、飲用水系統零件、汽車零件、精密飾品、氣動工具、遙控器等製品。憑著對品質的嚴格要求，及客製化之服務，達鴻公司於2009年9月開始成為全球知名之高級電動汽車公司-美國特斯拉公司 (Tesla Motors) 之供應商夥伴之一，跨足電動汽車產業供應鏈。



達鴻公司表示「著重產品設計能力及製造品質」，才能為顧客創造附加價值，更以實現「簡單化、標準化、專業化」3S策略為目標，將整體生產管理轉換為實際績效，為公司及顧客打造雙贏的價值。

公司簡介

公司名稱：達鴻精工股份有限公司

地址：500 彰化市金馬東路145號

成立日期：1987年

員工數：50人

資本額：2,000 (萬)

電話：886-4-7386567

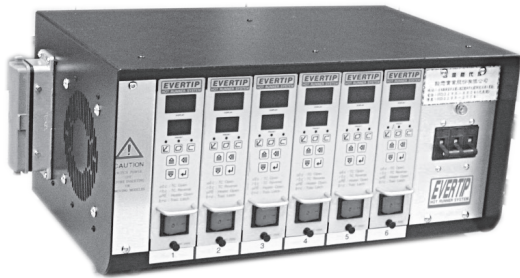
傳真：886-4-7324313

電子信箱：m7386567@ms15.hinet.net

網址：http://www.dahorn.com.tw

產品：各式模具開發設計、塑膠成型、機械加工、電動汽車零件開發及加工

鈴懋 專業銷售 熱澆道塑膠射出成型系統、 溫度控制系統、加溫 / 感溫系統 成功行銷世界各國



鈴懋實業股份有限公司為董事長楊英舜先生成立於西元1994年，專業銷售熱澆道塑膠射出成型系統、溫度控制系統及各項國內外加溫 / 感溫系統等有關塑膠射出成型廠應用設備；現有15位同仁，年營業額約新台幣一億元。為加強服務鈴懋公司特於西元2000年成立東莞辦事處、西元2002年成立昆山辦事處，並派有台灣技術幹部長駐，以便提供客戶最迅速確實之服務。

該公司在楊董事長領導之下，因其產品質量優越、並應用其高超技術、及時服務態度、堅守對顧客信用等，得以獲得多家資訊、通信、電子、家電、光電、以及各種相關行業的支持與惠顧，成功奠定公司穩固基礎，並順利打入外銷國際市場，且榮獲許多國際廠牌指定使用，亦為其他熱澆道品牌 OEM 配合廠商。

因鈴懋公司產品在資訊及電子業界使用成效優異，故為全球多家知名廠家指定為優良配合廠商。除以高質量的產品與最優惠價格提供客戶之外，並以最優良的專業設計建議與時效性的售後服務提供服務，期以最佳配合共創未來。

公司簡介

公司名稱：鈴懋實業股份有限公司

地址：24892台北縣新莊市五權二路22號7樓之6

成立日期：1994年

員工數：15人

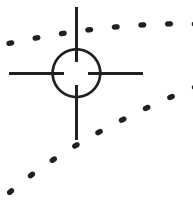
資本額：500（萬）

電話：886-2-22988924

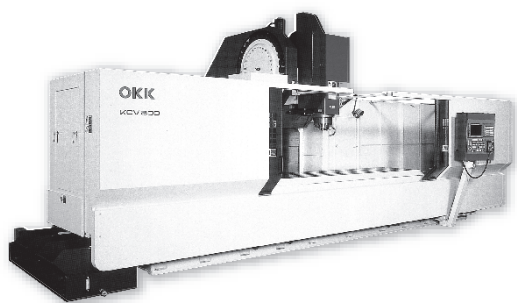
傳真：886-2-22982774

電子信箱：evertip.hotrunr@msa.hinet.net

產品：熱澆道塑膠射出成型系統、溫度控制系統、各種加熱及感溫系統。

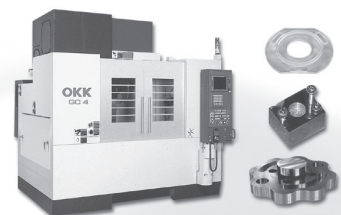


歌林 高精密機械 種類齊備 日本技師駐台 提供滿意服務



歌林企業有限公司所推出的OKK機械產品在各業界廣受好評，如汽車產業、航太工業、3C電子產品、機械工業.....等，所需穩定及高精密加工機械。產品內容有高速龍門及立式加工機、臥式加工機、四軸、五軸用高速加工機、特殊材料研銑加工機、超精密、超高速模具專用加工中心機，以及大型重切削用加工中心機等，產品種類相當齊備。

該公司指出，爲了維持產品品質及市場優勢，向來即以高速度、高精度、高性能及高效率做爲自我要求，在生產超精密加工產品精度方面，盡量控制在1/10,000以內、真圓度則控制在0.001以下，希望藉此能夠充分滿足顧客製造高精密產品的需求。



該公司從1978年成立以來，一向秉持薄利多銷、回饋客戶爲宗旨，隨著產業大環境的變遷，早已在上海、昆山、東莞設立服務據點，並有日本原廠經驗豐富技師駐台，隨時爲客戶解決疑難問題，提供各項技術服務，並做到隨時處理，追求顧客完全滿意之境界！

公司簡介

公司名稱：歌林企業有限公司

地址：100台北市博愛路25號4樓14室

成立日期：1979年

員工數：6人

資本額：500（萬）

電話：886-2-23121097

傳真：886-2-23144540

電子信箱：kaily.terry@msa.hinet.net

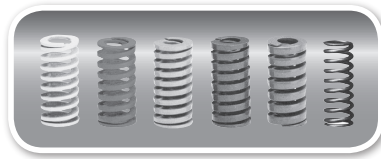
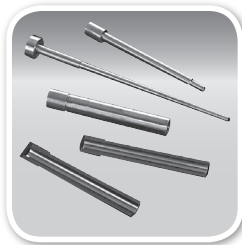
產品：高速加工機、砲塔型銑床、CNC線切割機、各式銑床、磨床、鑽床、車床，國內外製造均有。

嘉揚

致力於推動 企業升級轉型 期能加倍提供顧客滿意之服務

嘉揚興業有限公司主要產品包括筆模、頂出梢、射出梢、頂出襯套梢、引導襯套、定位球塞、模具開關等各項產品，並可依據顧客實際需求，量身訂做各類產品。該公司指出，面對現今中國大陸以及全球競爭的壓力，嘉揚現正致力於推動企業升級轉型，期能加倍提供顧客滿意的服務。

為了做好轉型的準備，人才培訓實乃第一要務，嘉揚興業指出，工廠裡年長的師傅固然擁有豐富的知識與經驗，但終究要面對歲月流逝的事實，因此，積極培育新



一代的技術人員，已是公司全員的共識。該

公司希望能透過積極的培訓工作，在最短的時間之內，養成最優秀的技術人才。同時，緊接著將計畫引進自動化設備，以挑戰更高的品質與更快的速度，期能充分滿足顧客的需求。

相較於中國大陸低價競爭的壓力，嘉揚興業目前在交期的掌握、材料的品質，以及產品的穩定性等方面，雖仍具有相當不錯的競爭優勢，但該公司仍然秉持著精益求精的精神，堅持讓事業經營更上層樓，積極迎接下一階段的成長使命！

公司簡介

公司名稱：嘉揚興業有限公司

地址：23145台北縣新店市寶宏路9號4F

成立日期：1990年

員工數：7人

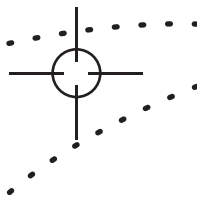
資本額：100 (萬)

電話：886-2-29174006

傳真：886-2-29110423

電子信箱：chiayang2911@yahoo.com.tw

產品：筆模零件專業製造、內孔斜度研磨、頂針、射梢管、扁梢、成型梢、灌嘴、彈簧等各種塑膠模零件以及CNC電腦車床加工。

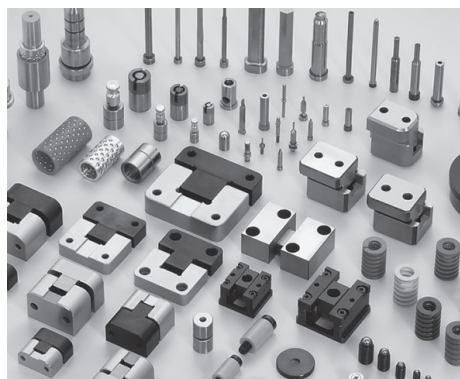


精展 專業生產機械零配件產品 引進高級進口加工機 不斷追求更高品質

精展精機股份有限公司成立於1988年，為生產機械零配件之專業製造廠商。經過多年來經營和努力，除正式遷廠於址台北五股工業區之外，2002年台北縣樹林市的新工廠正式成立，面積達3000平方公尺，以60多位的專業人員投入生產精密磨床和銑床零配件。2004年更於台北縣樹林設立第二座工廠，佔地面積為1500平方公尺，並從瑞士、德國、日本進口磨床和加工中心機，以製造大量標準化、高品質的優良產品。

該公司主要產品共分兩大類，包括精密磨

床配件以及塑膠模具標準零件。精密磨床配件包括單向沖子成型器、透視萬能沙輪修整器、磨床用沙輪法蘭等，共13項產品類別；塑膠模具標準零件則有鋼珠襯套、無給油薄套、無給油耐磨滑板等，共9項產品類別。為了追求產品品質，2003年同時獲得ISO9001和ISO2000認證之殊榮。



為擴大市場版圖和服務範圍，精展公司於廣東成立分公司和服務中心，並設有面積3,000平方公尺的寬闊工廠，以專業生產模具和零件，同時為機械廠商提供更優質的服務。

公司簡介

公司名稱：精展精機股份有限公司

地址：238台北縣樹林市保安街一段341巷7號

成立日期：1988年

員工數：60人

資本額：500 (萬)

電話：886-2-26818596

傳真：886-2-26818516

電子信箱：gin8@ms17.hinet.net

網址：www.ginchan.com.tw

產品：沖子成型器、正弦磁台、銑床虎鉗、精密虎鉗、磨床砂輪修整器、模具配件、機械零件。

億曜

積極研發、 生產 各式放電加工機

擁有30多年創造研發各式放電加工機經驗的億曜企業股份有限公司，因不斷投入產品品質與技術的提昇，使CNC放電機的精密度、功能及性能指標均可媲美國外產品。

該公司總經理董達堂表示，早在15年前即積極投入PC-Based CNC EDM的研發，並於10年前進入用戶市場，在不斷推陳出新，以解決各式模具工藝所需要特殊作業方法。由於領先的NC控制技術，配合先進的數位電源、電力設計，使得億曜的TNC、ZNC以至CNC的放電技術，成為台灣的領導品牌。例如在端子模具需要極低角隅消耗R角 $<0.05\text{mm}$ ，而在超大模具方面需要穩定間隙伺服反應能力，以及均勻修細的技術。在IC封裝模具需要等深加工，保證 $\pm 3\mu\text{m}$ 內的誤差。

董總經理表示，機械製造工業對於模具工藝要求省成本、高精度。而目前模具型

深獲業界好評

腔和零件的拋光，大多還依賴手工，很不合理。因此億曜持續發展大面積火花鏡面加工技術開發。近年來，發展成功添加粉末的週邊環境控制設備，以及配合高速光澤加工用電源供應技術，使得超過 50cm^2 以上的大面積加工也可快速地達成超光鏡面，對現代手機模具均勻修細無人化具有極大的貢獻。最近半年成功的應用在高品質3C模具的製作上，例如：在製作高級音箱網孔 $1000\times 60\text{mm}$ ，電極使用合金銅，工件材料是NAK80無預銑加工，加工深度 1.7mm 共有10,000個，直徑 1mm 的斜 8° 柱體，表面粗糙度至Ra $0.3\mu\text{m}$ 左右，只要75小時即可輕鬆加工完成，大幅超越日系現代各品牌的水準表現。



公司簡介

公司名稱：億曜企業股份有限公司

地址：70955台南市安南區科技工業區科技一路10號

成立日期：1975年

員工數：70人

資本額：6,000 (萬)

電話：886-6-3840373

傳真：886-6-3840375

電子信箱：yihawjet@ms13.hinet.net

網址：<http://www.yawjet.com.tw>

產品：電腦數控放電加工機，細孔放電加工機，線切割加工機，輪胎放電加工機

騰欣

引進 歐洲高級機械設備

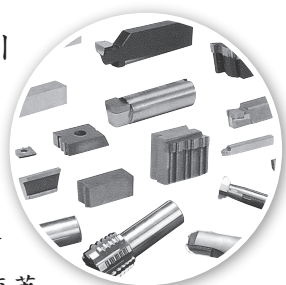
μ級精密零組件設計加工最佳選擇

騰欣精機股份有限公司成立迄今已有35年歷史，目前擁有廠地620坪、高級技術員工十餘人，備有極精密之CNC光學投影磨床、精密成型研磨周邊設備及精準之量測儀器，生產高精度模具組件、IC精密成型零件、汽車零件、手工具、氣動工具、鎢鋼成型刀具、特殊成型刀具等，堪稱μ級精密零組件設計加工的最佳選擇。

為了有效提生產品質，該公司不惜耗費鉅資，大舉使用歐洲高級機器設備，例如瑞士DOEBELI萬能CNC六軸光學投影磨床，能將直線、斜線、圓弧一次定型完成，具有無接點成型以及研磨精密度高



之特色。此外，亦引進瑞士砂輪成型器（DOEBELI）以及英國光學成型機（P.G）等高級設備，在提昇產品品質方面，確實發揮了顯著的效益，向來深獲顧客的信賴與肯定。



展望未來，該公司仍將持續秉持著專業的技術、引進歐美先進的設備，同時本著精細分工之經營理念，配合生產高精度模具、零件，不斷提升產品品質、力求降低成本、強化國際競爭力，共同為我國工業升級善盡一份心力。

公司簡介

公司名稱：騰欣精機股份有限公司

地址：33449桃園縣八德市瑞豐里友聯街49之2號

成立日期：1977年

員工數：12人

資本額：1,910（萬）

電話：886-3-3684104-6

傳真：886-3-3684022

電子信箱：ten.shin6@msa.hinet.net

網址：http://www.tenshin.com.tw

產品：1. 高速沖模鎢鋼模具 2. 高精密度之IC模具沖組件 3. 鎢鋼刀具CNC投影研磨
4. 脫皮鉗及氣動工具

Assab Steel Taiwan

**Backed by Centuries of Tool Steel Manufacturing
Experience Constantly seeking improvement**

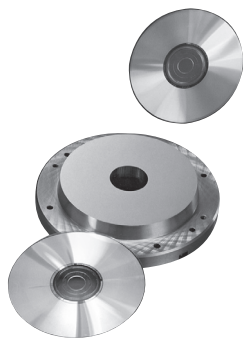
A subsidiary of the Swedish firm ASSAB, ASSAB Steel Taiwan Co., Ltd. is backed by several centuries of tool steel manufacturing, sales, and technical service experience. We are always geared towards satisfying customers' demands, and we try to understand customers' quality needs from the angle of their work. We are using innovative steel refining technology

to improve quality and develop new types of steel. Our attention to quality and expertise has made ASSAB tool steel renowned throughout the world.

Our products are classified by application as plastic mold steel, hot working tool steel, cold

working tool steel, and tungsten carbide. Besides providing all types of high-end tool steel, we also offer high-quality heat treatment services custom tailored to different mold types and uses. We further offer rough milling and grinding processing services, and an ABP surface compound processing service to eliminate surface stress from tools.

In response to the coming age of e-commerce, we have implemented online tool steel information and online sales services aimed at satisfying our customers' real-time needs. Our innovation-minded technical team uses its deep knowledge of mold materials to help mold plants shorten their lead time and production cycle, while also increasing mold life. We offer innovative value-added services, so that our customers will benefit directly when the industry upgrades due to increasing tool production.



Company Profile

Company Name: ASSAB STEELS TAIWAN CO., LTD.

Address: No.112, Wu Kung 1st Road, Wu Ku Industrial Park, Taipei Hsien 248, Taiwan R.O.C.

Established: 1991

Employees: 49

Capital: 50 (M)

TEL: 886-2-22992849

FAX: 886-2-22992348

E-mail: marketing@assab.com.tw

<http://www.assab.com.tw>

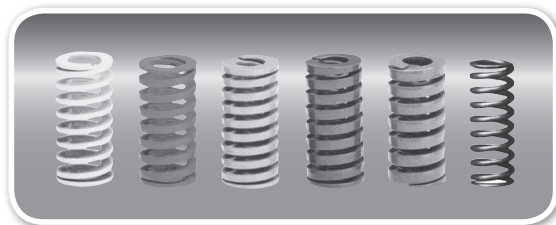
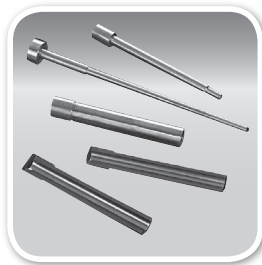
Product: High Quality Tool Steel, Fast Tool, Carbides, Heat Treatment, Beryllium Copper, Strip Steel.

Chia Yang

are striving to achieve corporate upgrading and provide customers even more satisfying service

Chia Yang Co., Ltd.'s main product include pen molds, ejector pins, injection pins, injection bushing pins, guide bushings, ball plungers, and mold switches. We can make customized products for our customers. In the face of competitive pressure from China and the world, we are striving to achieve corporate upgrading and provide customers even more satisfying service.

Manpower training is an essential first step to upgrading. Although our senior craftsmen possess tremendous knowledge and experience, we still have to think ahead and prepare for the future. We are therefore training a new generation of technical personnel, and we hope to train an outstanding crop of technicians in



the shortest possible time. We also plan to acquire more automated equipment and satisfy our customers' needs through even higher quality and quicker deliveries.

In contrast to low-price competitors in China, Chia Yang offers reliable delivery time, quality materials, and stable products. Besides a considerable competitive advantage, Chia Yang possesses the spirit of constant improvement and a commitment to readying itself for the future.

Company Profile

Company Name: CHIA YANG DEVELOPMENT CO., LTD.

Address: 4F, No.9, Bao-Hong Rd., Hsin-Tien city Taipei 231, Taiwan, R.O.C

Established: 1990

Employees: 7

Capital: 1 (M)

TEL: 886-2-29174006

FAX: 886-2-29110423

E-mail: chiayang2911@yahoo.com.tw

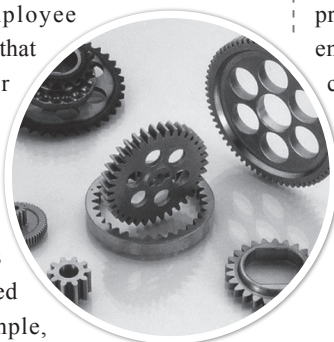
Product: PEN Mold Design and Manufacture, Mold Parts.

CHUNG YI MOLD

Offers Powder Metallurgy Molds Striving for utmost product and service quality

The CHANGYU YI MOLD Co., Ltd. offers products including powder metallurgy molds, tungsten carbide molds, precision plastic molds, magnetized substance molds, and precision ceramic molds. Products can be custom made to suit customers' needs. We currently supply products largely to Taiwan, and also to Japan and China.

On top of acquiring advanced processing and inspection equipment from Switzerland and Japan, we further emphasize employee training in order to ensure that customers receive superior products and services. Our training includes both in-plant workshops and field trips outside the plant. In-plant workshops have significantly enhanced product quality. For example,



to ensure defect rate control, we immediately call a meeting to review improvement options if an error occurs during manufacturing. We also stress the transmission of experience, analyze the causes and effects of problems, and write up data to serve as teaching materials and avoid the recurrence of problems.

Our external field trip activities let employees really understand customers' needs and the importance of timely deliveries. As a result, we proactively keep track of delivery dates and strive to ensure on-time shipments. We passed ISO-9001 QA certification last year, and we ask all employees to abide by our standard operating procedures in their work, so that we can provide the best possible quality to all customers.

Company Profile

Company Name: CHUNG YI MOLD CO., LTD.

Address: NO 70-20, SHIN SHAN, 23-LIN TA TSAO LI, CHU, NAN CHEN MIAO-LI HSIEN 350, TAIWAN, R.O.C

Established: 1987

Employees: 57

Capital: 32 (M)

TEL: 886-37-474684

FAX: 886-37-468759、886-37-467074

E-mail: chungyie@ms46.hinet.net

<http://www.chungyi-mold.com.tw>

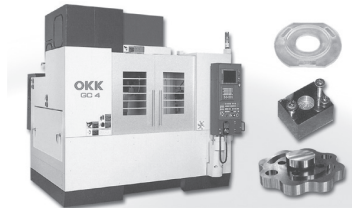
Product: Powder Metallurgy Molds, Carbide Molds, Precision Plastic Mold Powder, Magnetized Substance Molds, Precision Ceramic Molds, Ring Gauge & Plunge Gauge, Jigs & Fixtures, Related jigs, Electronic components Molds, Hot and Cold forging Molds.

Columbia Enterprise

**Offers a Full Range of Precision Machinery
Japanese technicians stationed in Taiwan provide service**

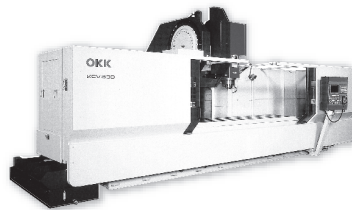
Columbia Enterprise Inc. offers a very wide range of products and services, including precision mold, tool, and parts processing machinery for small products such as mobile phones, cameras, and information

products (including LCDs), as well as large products such as autos and aircraft. Our very complete range of machinery includes high-speed CNC machining center and vertical machining center, horizontal machining center, four- and five-axis high speed processing machines, special material milling machines, ultra high precision, ultra high speed mold processing center machines, and large heavy cutting processing center machines.



In order to maintain product quality and market superiority, we consistently demand high speed, high accuracy, high performance, and high efficiency of ourselves. We control the tolerances on our ultra high precision processing machines to within 1 part in 10,000, which fully satisfies the needs of customers making high precision products.

We have always maintained a policy of small profit margins to promote sales since we were established in 1978. Responding to the changing industry environment,



we have set up service offices in Shanghai, Kunshan, and Dongguan. We also station Japanese technicians in Taiwan in order to resolve customer problems, provide technical service, and

make sure customers are completely satisfied.

Company Profile

Company Name: COLUMBIA ENTERPRISE INC.

Address: Room 14, 4th., No.25, Poai Rd., Taipei 100, Taiwan

Established: 1979

Employees: 6

Capital: 5 (M)

TEL: 886-2-23121097

FAX: 886-2-23144540

E-mail: kaily.terry@msa.hinet.net

Product: High Speed Machining Center, any Kind Of Milling Machine, CNC Wire Cutting Machine, Grinding Machine, drilling Machine, EDM, etc.

Dahorn

High-quality Plastic Injection Mold Design & Finished Products, Fine Features to Mold, and Electric Vehicle (EV) Mechanical Machining Parts

Dahorn was established in 1987, known as "Ming Chang Precision Industry Co., Ltd.", and reformed in 2001 in order to expand business. With globalization, diversity and brand competition ear, Dahorn committed to creating new value for her customers, set up the professional image of high quality.

The Company, through the ISO 9001-2000 quality certification in 2004, uphold the quality of stability – the concept of customer satisfaction, continue to promote "total quality management system", and the pursuit of continuous improvement and problem prevention, in order to achieve high-quality, enhance productivity and meet customer satisfaction. More commitment to do, through a strong process management system is established – the ERP, the Company is devoted to build, execute, and maintain a complete quality and service management system, and hence to meet customer requirements of product quality and service.



Dahorn is specialized in diversified and high-precision fine features, customized plastic injection mold design and finished products, and EV mechanical machining, such as Optics, Bathroom Accessories, Drinking Water System Accessories, EV Parts, Automobile Parts, and Decorations. With the strict quality control and high-quality customized service providing, Dahorn has become one of the supply chain partners of the world's leading advanced electric vehicle company – Tesla Motors, in Sept. 2009.

Dahorn said that "the emphasis on product design capability and manufacturing quality" is the only way to create value-add for customers. To accomplish "Simplify, Standardization, and Specialization" – the 3S strategy, as the goal, the production flow will be converted to the actual performance of management, and hence the company and customers build win-win situation.

Company Profile

Company Name: Dahorn Refining Co., Ltd.

Address: No. 145, Jinma East Road, Chang Hua City, Taiwan

Zip Code: 500

Established: 1987

Employees: 50

Capital: 20 (M)

TEL: 886-4-7386567

FAX: 886-4-7324313

E-mail: m7386567@ms15.hinet.net

<http://www.dahorn.com.tw>

Product: Plastic Injection Mold Design, Fine Features to Mold & Finished Products, and EV Mechanical Machining

EVERTIP

Professional Sales Of Plastic Injection Molding Hot Runner Systems, Temperature Control Systems, Heating / Temperature Sensing System Successfully Around The World

EVERTIP for the chairman of Mr. Larry Yang de Founded in 1994, the professional sales of plastic injection molding hot runner systems, temperature control system and the domestic heating / temperature sensing system, such as plastic injection molding plant applications; 15 employees existing annual turnover about NT billion. To strengthen the Special Services EVERTIP established in 2000 in Dongguan, Kunshan offices set up in 2002, and Taiwan have sent resident technical cadres in order to provide the most rapid customer service is indeed.

Larry Yang, chairman of the company under the leadership of their superior product quality and application of their superior technology, timely service, adhere to its commitment to customer



credit and so on, to get more than information, communications, electronics, home appliances, photovoltaic, as well as various related industry support and patronage, the company has laid a solid foundation for successful and smooth export into the international market, and won many international brands designated use, but also other hot runner manufacturers with OEM brand.

EVERTIP products because of it in the IT and electronic industry outstanding results, so many well-known manufacturers around the world designated as a good tie in with the manufacturers. Divided by the number of high-quality products with the most discounted prices to provide customers outside, and the best professional design proposals with the timeliness of service provision of services to best meet the create a better future.

Company Profile

Company Name: EVERTIP TECHNOLOGY CORP.

Address: 7F.-6, NO.22, WU-CHUAN 2 RD, HSIN-CHUANG, TAIPEI HSIEN 24892 ,TAIWAN, R.O.C

Established: 1994

Employees: 15

Capital: 5 (M)

TEL: 886-2-22988924

FAX: 886-2-22982774

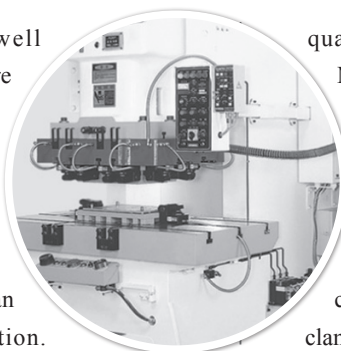
E-mail: evertip.hotrunr@msa.hinet.net

Product: Plastic Injection Molding Hot Runner Systems, Temperature Control Systems, heating / Temperature Sensing System

Forwell

Specializes in Quick Mold Changing Systems Automatic, labor-saving; facilitates rational production management

Established in 1987, Forwell specializes in the manufacture of quick mold changing systems featuring full automatic operation and significant labor saving. In October 1997 Forwell became the first maker of quick mold changing systems in Taiwan to receive ISO-9002 certification.

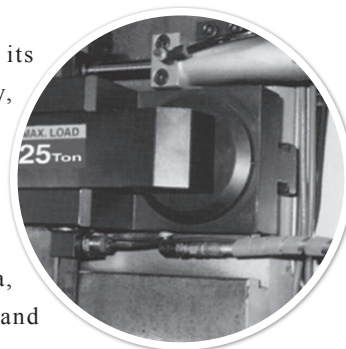


The company's quality assurance moved up yet another notch when it received CE international certification in 1998. Forwell is continuing to pursue R&D and innovation, and it looks forward to improving mold changing speed, accuracy, and safety.

The PCB Fine Piercing System (PFPS) combines a hydraulic power unit charged by air pressure with a piercing plate and a quick die change system. Easy set hold down and stripping pressure enables excellent

quality. Our Injection Molding Machines and Mold Casting Machines (QMCS) provide a movable clamber for mold changing, reducing machine idle time and boosting capacity. This feature makes production management more automatic and rational. Our Automatic Clamp System includes a TAX auto moving die clamp, TR rotary die clamp, and TS swing type clamp.

In order to provide its customers with nearby, satisfying service, Forwell has established service locations in New Zealand, Australia, the US, Thailand, Malaysia, Singapore, Indonesia, and China.



Company Profile

Company Name: FORWELL PRECISION MACHINERY CO., LTD.

Address: NO.399, MING SHENG RD., SEC.2, JING KOU TSUEN, PU SHIN, CHANG HUA 513, TAIWAN

Established: 1987

Employees: 45

Capital: 10 (M)

TEL: 886-4-8345196

FAX: 886-4-8345197

E-mail: forwell@forwell.com

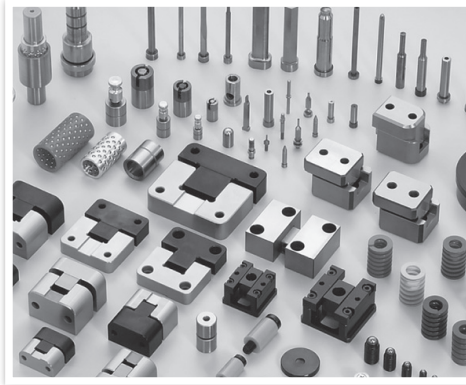
<http://www.forwell.com>

Product: Quick Die Change System, Quick Mold Change System, P.C.B Fine Pierring System, Die/Mold Cart System

Gin Chan

A Machinery Parts and Accessories Specialist

Acquiring high-end imported processing machines; relentlessly pursuing even better quality. Established in 1988, Gin Chan Machinery Co., Ltd. is a professional manufacturer specialized in produce machinery parts/accessories. Gin Chan moved to Wu Gu Industrial zone in 1993 with a new factory. In year 2002, a 3,000 square meters new factory founded in Shu Lin with 60 employees specialized in manufacturing accessories for grinding and milling machine and also started to work for OEM. The second factory with size 1,500 square meters opened in Shu Lin in year 2004. Grinding machineries and machinery centers imported from Switzerland, Germany and Japan for better quality and standardized the mass production.



Our products encompass the two major categories of accessories for grinding machines and mold & die components. Our grinding machine accessories consist of 13 product types, and include punch formers and grinding wheel dressers. Our mold and die components consist of nine product types, and include steel bearing bushings, oil-free sleeves, and oil-free abrasion resistant slide plates. We passed ISO-9001 and ISO-2000 certification simultaneously in 2003 as part of our drive to keep improving product quality.

We established a subsidiary in China's Guangdong Province in order to expand our market and service scope. This subsidiary has a 3,000-square meter plant dedicated to manufacturing molds and parts, and contains a machinery service center.

Company Profile

Company Name: GIN CHAN MACHINERY CO., LTD.

Address: No7, Lane 341, Bao An St., Sec.1, Shu Lin City, Taipei Hsien Taiwan

Established: 1988

Employees: 60

Capital: 5 (M)

TEL: 886-2-2681-8596

FAX: 886-2-2681-8516

E-mail: gin8@ms17.hinet.net

<http://www.ginchan.com.tw>

Product: Punch former, Sine Plate magnetic chuck, Tool vise, Tool, makers vises, Grinding wheel dresser, Mold parts, Machine tool accessorie

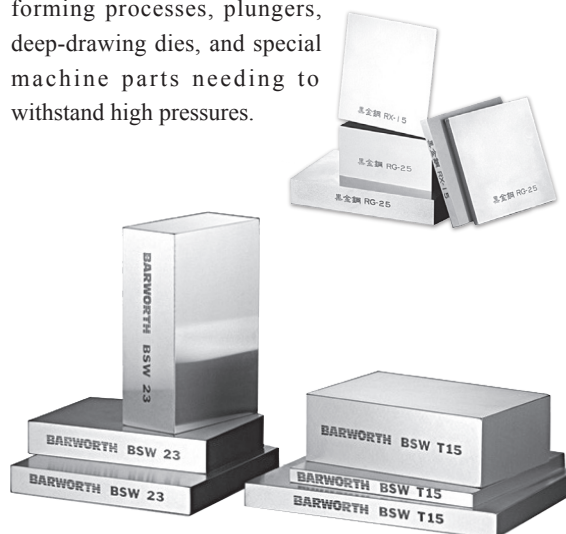
King Gold's High-speed Steel for Powder

Metallurgy Abrasion resistance, high toughness, excellent stability

King Gold Metal Industry Co., Ltd.'s products include King Gold BSW T15 & BSW 23 high-speed steel for powder metallurgy. With abrasion resistance, high toughness, and excellent stability, these steels are very suitable for cutting and grinding, and can be cold worked. They can be used for blanking tools, cutting tools, metal forming machine tools, machine tools, stamping dies, and fine blanking tools.

Compared with conventional high-speed steels, our high-speed steels for powder metallurgy have no directionality and are composed of homogenous fine crystalline particles. Heat treatment can increase hardness with little heat treatment deformation. There is no segregation and no non-metallic inclusions. Our high-speed steels make superbly tough and abrasion-resistant processed items that can be polished to a very smooth surface. They can replace conventional high-speed steels in the manufacture of forming and cutting tools, and can also be used extensively for precision continuous stamping, deep-drawing, and bending dies.

We also produce King Gold RG25, which contains tungsten carbide and cobalt, and offers outstanding carbide-grade toughness. RG25 provides appropriate compression and impact strength, as well as high tension and fatigue resistance. It is suitable for use in anti-abrasion coatings, metal molding, processing, and forming processes, plungers, deep-drawing dies, and special machine parts needing to withstand high pressures.



Company Profile

Company Name: KING GOLD METAL INDUSTRY CO., LTD.

Address: NO.13, SHIANG SHAN ST., TAOYUAN 330, TAIWAN, R.O.C.

Established: 1993

Employees: 15

Capital: 15 (M)

TEL: 886-3-3563552

FAX: 886-3-3562535

E-mail: gmneou@gmail.com

<http://www.kinggold.com.tw>

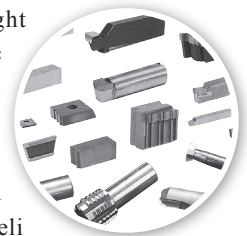
Product: Powder Metallurgy High Speed steel, Tungsten Carbide

Ten Shin Acquires High-end European Equipment

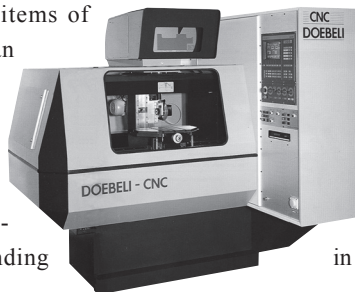
The best choice for μ -grade precision part design and processing

Founded more than 35 years ago, Teng Hsin Machinery Ind. Co., Ltd. has a 2,000-square meter plant and over ten senior technical personnel. Our plant equipment includes a precision CNC optical profile grinding machine, precision molding and grinding equipment, and measurement instruments. We make high precision mold components, IC precision molded parts, auto parts, hand tools, pneumatic tools, tungsten steel molded cutting tools, and special molded cutting tools. We are your finest choice for μ -grade precision part design and processing tasks.

machine can complete straight line, oblique line, and arc operations at one go, and offers no-contact point molding and high grinding precision. We have also acquired a wheel dressing machine from Doebeli and a molding machine (P.G.) from Britain's Optical Dynamic. This equipment has significantly improved our product quality, as our customers are very happy to attest.



We have used many items of costly high-end European machinery and equipment in order to further improve our product quality. For instance, our Swiss Doebeli CNC six-axial optical profile grinding



Looking ahead to the future, we plan to take advantage of our professional technology, acquire more advanced equipment from Europe and the US, and engage in the production of high-precision molds and parts in line with our philosophy of division of labor. We intend to cut costs, strengthen our international competitiveness, and do our part in the campaign to upgrade Taiwan's industries.

Company Profile

Company Name: TEN SHIN PRECISION MACHINERY CO., LTD.

Address: No.49-2, YU LIEN ST., PATER CITY, TAOYUAN HSIEN 33449, TAIWAN R.O.C.

Established: 1977

Employees: 12

Capital: 19.1 (M)

TEL: 886-3-3684104-6

FAX: 886-3-3684022

E-mail: ten.shin6@msa.hinet.net

<http://www.tenshin.com.tw>

Product: 1.STAMPING MOLD DESIGN AND MANUFACTURE. 2.CAR SHIFTING LEVER AND PARS MANUFACTURE. 3.CNC PROFILE GRINDING. 4.WIRE STRIPPER AND AIR SHEAR HEAD.

Welcome Steel Mold

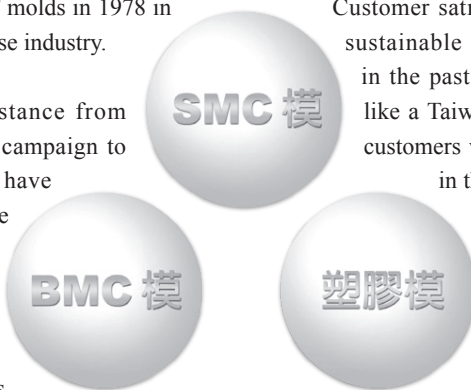
Has Over 30 Years of Experience Steel molds are used in many industries; widely respected quality

Welcome Steel Mold Co., Ltd. has been existence for over thirty years. Main products include plastic injection steel molds and SMC/BMC/GMT molds. The company has been designing and manufacturing injection molds since 1974, and began development of SMC/BMC/GMT molds in 1978 in response to the needs of the defense industry.

We obtained technical assistance from Japan's Matsuzaka in 1992 in a campaign to strengthen our technology, and have made great strides since that time in the areas of quality, processes, and technology. Our molds are currently used for a wide range of applications, including electronics, household appliances,

auto and motorcycle products, plumbing fixtures and building materials, aerospace products, and defense products. Our manufacturing expertise extends to all of these mold products.

Customer satisfaction is the key to successful sustainable management. In the future - as in the past - Welcome Steel Mold will toil like a Taiwanese water buffalo providing its customers with the finest quality and service in the spirit of sustainable service and building for the future. Welcome will continue to strive to realize its ideals.



Company Profile

Company Name: WELCOME STEEL MOLD CO., LTD.

Address: NO.35, Alley 20 Lane 199 San Chun Street, Shu Lin City 238, Taipei County

Established: 1974

Employees: 25

Capital: 20 (M)

TEL: 886-2-26888181

FAX: 886-22-26888691

E-mail: welcomem@mail.mold.net.tw

<http://www.welcomem.com.tw>

Product: S.M.C. B.M.C. INJECTION Mold.

YIHAWJET

Dedicated to R&D and Production of Electrical Discharge Machines A fine reputation in the industry

After developing electrical discharge machines for over thirty years, Yihawjet Enterprises Co., Ltd. is still improving product quality and technology, and now offers CNC electrical discharge machines with precision, functions, and performance rivaling those of competing foreign products.

According to general manager Tung Da-tang, the company began developing PC-Based CNC EDMs 15 years ago, and entered the user market seven years ago. Since then the company has steadily replaced its products with new models and developed special operating methods needed in mold craftsmanship. Thanks to its leadership in NC technology and expertise in advanced digital power sources and power design, Yihawjet has become Taiwan's leading brand of TNC, ZNC, and CNC electric discharge products. Yihawjet has achieved an extremely low corner loss R angle of less than 0.05 mm, and mastered the stable gaps and servo response ability needed for ultra large molds, while attaining very even thinning. Yihawjet's deep processing of IC bonding molds, etc. is guaranteed to have an error of less than 3 μm.

According to Mr. Tung, the machinery manufacturing industry demands lower costs and greater accuracy

from mold producers. The polishing of mold voids and parts is still mostly done by hand, which is very costly and inefficient. Yihawjet has responded to this situation by continuing to develop large-area mirror polishing technology. It recently succeeded in developing peripheral environmental control equipment with powder addition. This equipment can quickly polish large areas in excess of 50 cm² to an ultra-high mirror finish when used in conjunction with appropriate power supply technology, and is making an extremely great contribution to the even thinning of mobile phone molds. Yihawjet has also applied its technology to the production of high-quality 3C molds. For instance, Yihawjet has made molds for 1000x60 mm high-end speaker screens using electrode-grade copper alloy, NAK80 unmilled workpiece material, 10,000 holes with a processing depth of 1.7 mm, columns with a diameter of 1 mm and 8° angle, and surface roughness of Ra 0.3 μm. Yihawjet can easily produce this type of mold in only 75 hours, which is far faster than any of its Japanese competitors.



Company Profile

Company Name: YIHAWJET ENTERPRISES CO., LTD.

Address: No.10, Keji 1st Rd., Tainan Technology Industrial Park, Tainan City 70955, Taiwan

Established: 1975

Employees: 70

Capital: 60 (M)

TEL: 886-6-3840373

FAX: 886-6-3840375

E-mail: yihawjet@ms13.hinet.net

<http://www.yawjet.com.tw>

Product: CNC EDM, Drilling EDM, CNC Wirecut EDM, Tire Mold EDM.

YUH SHYUAN ENTERPRISE CO., LTD.

specializing in the production of precision molds parts
Full range of services to provide better-quality good

YUH SHYUAN ENTERPRISE CO., LTD., has 32 years experience established in 1980, specializing in the production of manufacturing tooling dedicated spare parts, the professional and technical personnel with strict production quality mold parts, uphold the principle of "sound operation, quality priority, punctual delivery and perfect service, customer first" operating philosophy, customer service, set up good corporate reputation.

The company produces many products, such as Ejector Pin, Slide Lock, Return Set, Bushes, Guide Post, Taper Black, Holder Post, Locating Ring, Date Marked Stamp, Coolong Bar, Gas Vent, Water Stopper, Filling Nozzle, Nitrogen Gas Vent, imported, Ejection Tube, Plane Pin, Air Pin Set. The most outstanding are "Return Set Device" and "Date Marked Stamp". The "Return Set Device" can determine homing thimble plate to enhance the reactive power for the rate of aging and quality, to prevent cross-jen or slider between bumps; and "



Date Marked Stamp" (year, month and day installation instructions), mold can raise the quality of and refined values, and another customer may demand special order products they need.

In order to provide customer satisfaction with the service, the company adhere to the "quality, service, innovation" the three principles, use of advanced equipment and consistent quality, customers are given YUH SHYUAN ENTERPRISE CO., LTD., biggest heart and commitment by dedicated, professional, prompt service to meet customer demand and ample supply available for customer ordering, minus the cost of a short waiting time. With the constant turnover of the times, the concept of continuous innovation, combined with advanced equipment and processing technology to improve the price competitiveness, the pursuit of inter-company customers and achieve optimal growth and development.

Company Profile

Company Name: YUH SHYUAN ENTERPRISE CO., LTD.

Address: No.3, Lane 213, Fuying Rd., Hsinchuang City, Taipei, Taiwan

Established: 1980

Employees: 10

Capital: 5 (M)

TEL: 886-2-29031034, 29030034, 29030887

FAX: 886-2-29063647

E-mail: yuhshyuan_chow@yahoo.com.tw

<http://www.yuhshyuan.com.tw>

Product: Precision Mold Parts