

MACHTEK

Product Guide

永遠卓越的品牌價值
Value of Leading Brand



MACHTEK UNIX INC.



默克集成

綜合目錄



默克集成企業股份有限公司

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公司簡介

MACHTEK Company Profile

專注於機械貿易二十年，初期以代理銷售車銑、沖床等金屬加工機械設備為主，為滿足市場需求，默克集成於2006年設立了組裝工廠，並以Machtek品牌開拓國內外市場。

體認到工具機產業發展日新月異，默克集成本著精益求精，研究創新的理念，除了不斷改良現有機型強化產品性能外，更積極的培訓延攬專業人才，提昇研發技術，陸續開發速度高、精度高、效率高的新機型，以滿足客戶需求。

明著企業永續經營的理念，默克集成堅信良好品質的產品與完善的客戶服務是企業生存的必要條件，這必需建立在健全的管理理念上。因此藉著不斷檢討的組織作法，制度改革及流程標準化來精進企業管理，以期達成企業願景：

- ▮ 專業技術的引導
- ▮ 合理成本的管理
- ▮ 卓越效益的追求

身為工具機的專業製造者，默克集成將「以客為尊」以及追求「顧客最大滿意度」為企業經營的長期目標，並希望提供：

- ◆ 完整的解決方案
- ◆ 優質的產品水平
- ◆ 專業的技術支援
- ◆ 滿意的客戶服務

默克集成的公司文化和價值觀

我們本著誠信、公開、誠實和公平的原則經營企業。努力創造與員工和客戶之間的互信尊重，坦誠溝通的健康環境。對於客戶，默克集成致力於了解顧客實際需求，盡力達成顧客滿意。

默克集成的成長進步來自於在對客戶長期承諾與員工們的創新和努力

對於員工，默克集成堅信「以人為本」「人才是公司最大資產」，因此樂於為員工提供學習培訓機會，積極建立追求公平績效的管理制度，全力創造安全的工作環境，進而實現團隊合作，進步成長互惠互利的雙贏局面。



With more than two decades' experience in the machinery trade business, Machtek built a factory and offered metal-processing equipments to world wide under the "Machtek" brand since the beginning of 2006.

Machtek insists on offering high-quality products with complete services. Therefore, we focus on product innovation and training new staff. By offering reliable services delivered by well-trained staff, we can build a solid reputation for total customer satisfaction. Our customers are loyal because we continually deliver innovation backed by hard work.

Operating under the concept of sustainable management, Machtek believes good quality products and excellent customer services are necessary for enterprises to survive.

Therefore, by continually reviewing organizational practices, instituting organizational reforms and implementing E processes, we hope to achieve our corporate vision:

- Be a leader of technical knowledge
- To share our cost cutting measures
- Be a provider of maximum efficiency

◆ *Enterprises must have vision in order to build it into reality*
As a professional machinery tool manufacturer, Machtek will be customer-oriented and will strive for customer satisfaction in order to provide:

- Perfect and complete solution
- Excellent balance of product quality
- Professional technical support
- Satisfaction with customer service

◆ *Machtek integrated corporate culture and values*
We operate with good faith, openness, honesty and fairness. We try to create mutual trust between employees and customers and also open communications in a healthy environment.

For our customers, Machtek is committed to implementation and understanding in order to make every effort to achieve customer satisfaction. Machtek's growth and progress come from our long-term commitment to customers and employees and our innovation and hard work.

For our employees, Machtek believes that "we are people oriented" and "human resource is the company's greatest asset." We are happy to provide staff with training opportunities to learn and to actively pursue the establishment of a fair performance management system. We aim to create a safe working environment and thus achieving teamwork and progressive growth in a mutually beneficial win-win situation.



卓越

卓越的產品水平

Excellent Product Quality

默克集成不只將顧客導向做為根基，更在技術上精益求精，並追求卓越的產品水平，以符合客戶的期許。

Machtek puts customers' needs first and achieves technical competence. We continue to pursue excellent product quality and to satisfy customer expectation.





專業的技术支援

Professional Technical Support

默克集成的專業技術支援服務，讓客戶能夠獲得最有效率的協助。

We provide professional technical support, so customers will receive efficient help.



嚴格的品質把關

Strict Quality Control

默克集成對每台出廠前的機器皆進行多項檢驗測試，透過嚴格的品質把關，贏得客戶的信賴。

Machtek conducts numerous tests for every machine produced. Through strict quality control, we continue to win customers' trust.





滿意的客戶服務

Satisfactory Customer Service

默克集成一向秉持價格合理、顧客至上的服務原則，為客戶提供最迅速與滿意的服務。

Machtek believes in competitive pricing and customer first service principle. We provide customers rapid and satisfactory services.

數控車床系列 CNC Turning Center TC-210



一體成型的設計，採用高張力FC30米漢納鑄鐵，扎實的床身搭配30度斜床，確保完全無震動。依人體工學原理配置之主軸、刀塔及尾座，提供了最佳的工作環境。

One-piece design, adopting high-tension FC30 Meehanite cast iron, the solid bed with a 30 degrees slant ensure no vibration. The spindle, turret and tailstock, based on ergonomic configuration, are able to provide the best working environment.

MODEL	TC-210
X 軸行程 X axis travel	150+10(6.3)mm
Z 軸行程 Z axis travel	500(19.7)mm
最大旋徑 Max. swing	Ø450mm
滑板上最大旋徑 Swing over cross slide	Ø290mm
最大加工直徑 Max. turning diameter	Ø210mm
最大加工長度 Max. turning length	420mm
機台總重 Machine weight	3245KG
外觀尺寸 Dimension/mm	2385×1535×1800

重切削型數控車床系列

Large Type CNC Turning Center
LTC-2630 / LTC-2640 / LTC-2660



優質米漢納高品質鑄鐵，45°斜背式床台設計，加強切削沉重加工原料穩定度，確保機台之穩定性及長時間操作之準確性。周密肋管支撐製造，抗扭力極高，耐震性超強，確保高精度重切削的加工能力，堅固的結構延長機器的壽命，降低成本進而達到經濟實惠的效果。

Excellent Meehanite high quality cast iron, 45° hatchback platform designed slant bed enhances stability while performing heavy cutting raw materials. It is to ensure the stability and the operator accuracy for longer period of time. It is well manufactured and supported with high torque resistance and outstanding shock resistance to ensure high-precision processing capacity re-cutting, strong structure to extend machine life, reduce costs and thus achieve cost-effectiveness.

MODEL	LTC-2630	LTC-2640	LTC-2660
X 軸行程 X axis travel	225+25mm	225+25mm	225+25mm
Z 軸行程 Z axis travel	800mm	1100mm	1600mm
最大旋徑 Max. swing	Ø680mm	Ø680mm	Ø680mm
滑板上最大旋徑 Swing over cross slide	Ø460mm	Ø460mm	Ø460mm
最大加工直徑 Max. turning diameter	Ø450mm	Ø450mm	Ø450mm
最大加工長度 Max. turning length	750mm	1050mm	1550mm
機台總重 Machine weight	6500KG	6800KG	7100KG
外觀尺寸 Dimension/mm	3600×1910×2150	3900×1910×2150	4400×1910×2150

立式加工中心機系列

Vertical Machining Center V-500L



機體主架構為全密閉式設計，並採用最好的優質米漢納鑄鐵機體與周密肋管全支撐製造，配合高剛性的結構，製造出占地空間小、但高精度、低震動且多功能的自動化機械。

Uses only top quality well-ribbed castings. Finite Element Analysis (FEA) is used on each new casting to determine the size and location of all internal ribs ensuring high accuracy, minimum vibration and multi-function of auto machinery.



MODEL	V-500L
X 軸行程 X axis travel	500mm
Y 軸行程 Y axis travel	410mm
Z 軸行程 Z axis travel	460+110mm
加工面積 Size of working surface	600×380mm
刀柄型式 Tool shank	BT-40
刀具數 Tool storage capacity	12
工件最大荷重 Permissible mass of work piece	300KG
機台總重 Machine weight	3000KG
外觀尺寸 Dimension/mm	1900×2100×2520

立式加工中心機系列

Vertical Machining Center V-800L / V-1000L



高品質米漢納鑄鐵的主結構鑄件，能永久確保品質及結構的穩定性。
寬實底座，箱型結構體立柱，加長加寬鞍座，高負載設計，
結構堅固，提升加工時之負荷能力。

The major construction components are made of Meehanite cast iron. It assures of stable and precision structure. The designs of widen base, saddle, full support structure and box-shaped column are all contribute to the heavy duty machining and loading capability.

MODEL	V-800L	V-1000L
X 軸行程 X axis travel	800mm	1020mm
Y 軸行程 Y axis travel	560mm	560mm
Z 軸行程 Z axis travel	500+110mm	500+110mm
加工面積 Size of working surface	910×530mm	1220×560mm
刀柄型式 Tool shank	BT-40	BT-40
刀具數 Tool storage capacity	16	16
工件最大荷重 Permissible mass of work piece	500KG	800KG
機台總重 Machine weight	5600KG	6000KG
外觀尺寸 Dimension/mm	2300×2880×2640	3500×2800×2640

鑽孔攻牙機

Drilling Tapping Machine V-500TP



強固堅穩的結構，搭載高速主軸，除一般鑽孔攻牙外，更可提供鎂鋁合金等成形零件之輕切削加工，進一步提昇了V500TP鑽孔攻牙機的附加價值。

Strong and firm structure, high-speed spindle; light-cut forming the magnesium parts, etc. is available; and the added value of V500TP drilling & tapping machine is further heightened.

MODEL	V-500TP
X 軸行程 X axis travel	500mm
Y 軸行程 Y axis travel	400mm
Z 軸行程 Z axis travel	300mm
主軸轉速 Spindle speeds rpm	12,000
快速位移 Rapid traverse X,Y,Z m/min	48
加工面積 Size of working surface	650×400mm
刀柄型式 Tool shank	BT-30
刀具數 Tool storage capacity	14
切削進給率 Feedrate	1~20,000mm/min
機台總重 Machine weight	3000KG
外觀尺寸 Dimension/mm	1800×1960×2360