



CNC



MACHINE TOOL SPINDLE

工具機主軸

- LATHE SPINDLE
車床主軸
- LATHE TAILSTOCK
車床尾座
- SPINDLE FOR GRINDING MACHINE
磨床主軸
- GRINDING WHEEL DRESSER
砂輪修整器
- SPINDLE FOR MACHINING CENTER
綜合加工中心機主軸
- SPINDLE FOR SEMI-CONDUCTOR
APPLICATIONS
半導體主軸

SPINDLE FOR MACHINING CENTER



綜合加工中心機主軸

- Choice of spindle types:
BT30 / CAT30 / DIN30
BT40 / CAT40 / DIN40
BT50
- Choice of spindle speeds from 6000 to 12000 RPM.
- High rigidity, high accuracy.
- Custom design is available to meet specific requirement.
- BT30 / CAT30 / DIN30
BT40 / CAT40 / DIN40
BT50
- 6000-12000 rpm
- 高剛性、高精度
- 可配合各式機種須要

SPINDLE FOR SEMI-CONDUCTOR APPLICATIONS

- Choice of belt drive type or built-in type.
- Choice of spindle speeds-10000 and 15000 RPM.
- Suitable for V-cut and edge cut.
- Minimum thermal growth.
- Special rust-prention treated.
- 皮帶式與內藏式供客戶選擇
- 10000 rpm / 15000 rpm
- 廣泛用於切槽、導邊
- 低溫昇
- 特殊防鏽處理



半導體主軸



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SPINDLE FOR GRINDING MACHINE

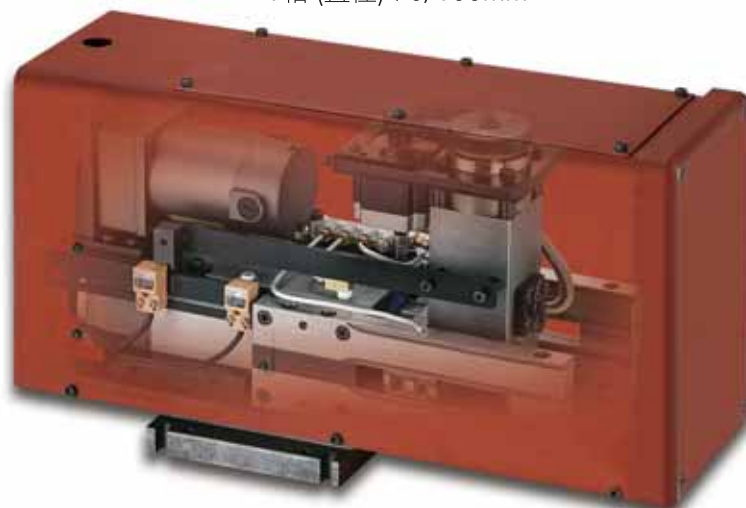
磨床主軸

- Applicable for 618 / 25 / 36 / 48 / 450 grinding machines.
- Minimum noise, minimum vibration high accuracy and high rigidity.
- 618 / 25 / 36 / 48 / 450 規格齊全
- 低噪音、低振動、高精度、高剛性



GRINDING WHEEL DRESSER 砂輪修整器

- Manually lapped cylinder slide way and quill assembly, guarantee the best precision and largest rigidity of the feeding unit that makes perfect dressing surface of the grind wheel possible.
- Vertical feed (Y axis) by stepping motor.
Cross feed (X axis) by DC motor. (Support with DC drives)
Servo motor is also available for X and Y axis (opt.)
- This dressing system is wide used on NC/CNC surface grinder when automatic dressing and compensating is required.
- Variety of specification for you needs:
X axis (For thickness) 38/65/100mm
Y axis (For diameter) 70/100mm
- 特殊拋磨現配製作之滑座與滑桿，確保最佳精度與最大剛性，可得極佳之砂輪修整表面。
- 上下軸(Y軸)採用步進馬達，前後軸(X軸)採用直流馬達(附驅動器)
X, Y軸可依客戶須要變更為伺服馬達(選配)
- 可廣泛應用在NC/CNC平面磨床與圓筒磨床之砂輪修整補正系統
- 多種規格可供選擇 X軸 (厚度) 38/65/100mm
Y軸 (直徑) 70/100mm



LATHE SPINDLE



車床主軸

- A wide variety of spindle types to choose from, including:
A25 / A2-6 / A2-8 / A2-11 / A2-15
D1-8 / D1-11
- Employs high precision roller bearing (NN30xxK series) featuring high rigidity, high accuracy and long service life.
- Employs angular contact ball bearings for high speed spindle.
- 規格齊全
A25 / A2-6 / A2-8 / A2-11 / A2-15
D1-8 / D1-11
- 採用精密級滾柱軸承(NN30 × ×K系列)
高剛性、高精度、長壽命
- 採用斜角滾珠軸承用於高轉速主軸

HYDRAULIC LATHE TAILSTOCK



車床油壓尾座

- Rotary quill is available (OPT.)
- A wide variety of tailstock type to choose from, including
MT#3, MT#4, MT#5 and MT#6
Quill sizes from $\varnothing 45 \sim \varnothing 200$ mm.
- High rigidity, high accuracy. Accuracy on x, y-axis in 0.005mm
- 5kg/cm² low pressure drive for outstanding smoothness.
- Over 9000 sets of sales record.
- Tailstock for cylindrical grinder is available.
- Other types of tailstock are available.
- 可依客戶需求提供尾軸管旋轉之尾座
- MT#3 / MT#4 / MT#5 / MT#6
心軸尺寸 $\varnothing 45$ mm ~ $\varnothing 200$ mm 規格齊全
- 高剛性、高精度 (X, Y 0.005mm以內)
- 低壓驅動順滑 (5 kg/cm²)
- 銷售業績超過9000台
- 圓筒磨床尾座承製
- 其他各式尾座承製

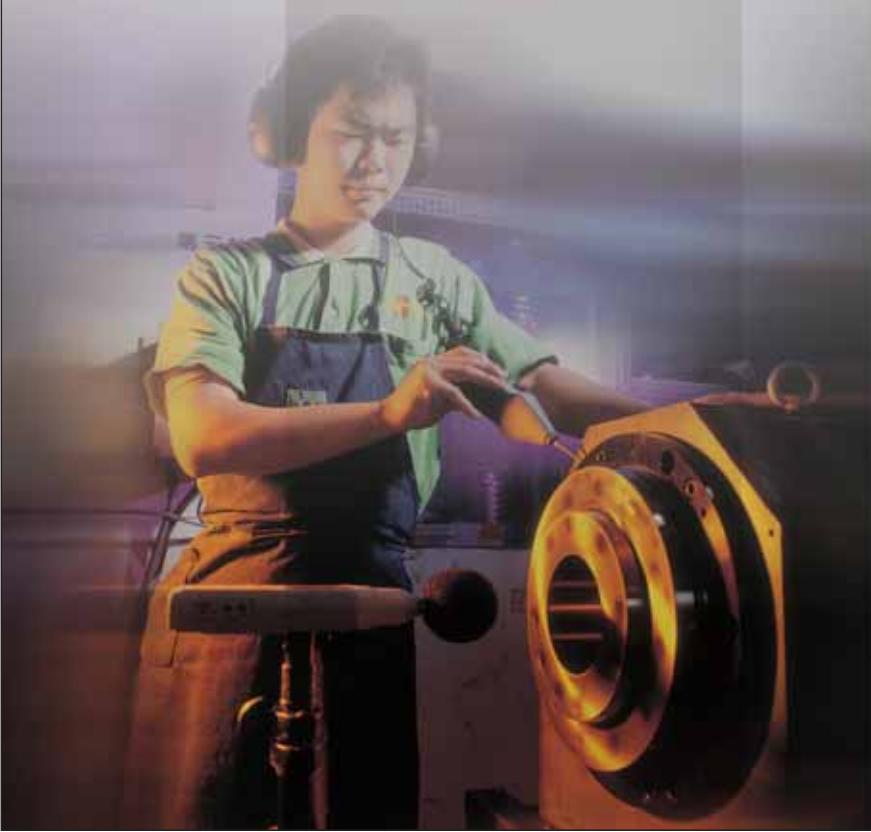


***Innovation &
Breakthrough!***

***Step Forward to
Internalization!***

飛浦公司

**創新突破！
邁向國際化！**



FEPOTEC INDUSTRIAL CO., LTD. is dedicated in R & D, design and manufacturing of spindles and lathe tailstocks for machine tools. Under the company's policy of "Continuous Innovation & Breakthrough", Fepotec has spent great efforts in new successfully developed the grinding wheel dressers for use on precision grinders. With their outstanding accuracy and performance.



Dynamic balance test
動態平衡測試



Accuracy test
精度測試



Based on the concept of modern operation management, We not only constantly upgrade our R & D and manufacturing capability but also always improve our manufacturing process. Fepotec products are assembled and inspected in air-conditioning room to ensure quality achieves the highest standard. This also enables us to meet customers' requirement for more rigorous quality.

飛浦實業股份有限公司致力於工具機主軸與車床尾座的研發、設計、製造。在公司信念『不斷創新突破』的引導下，本公司對新產品的開發，一向不遺餘力；本公司已成功的開發出砂輪修整器，應用在精密磨床，以其優異的精度與性能，深受客戶的肯定。

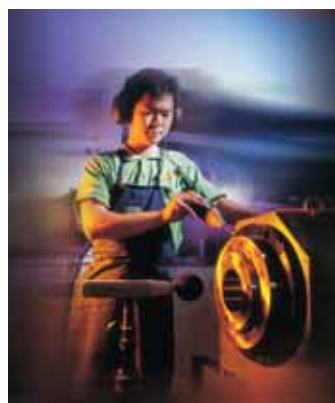
秉持現代化的經營理念，我們除了不斷提昇研發製造能力，對於製程的改善也從未間斷。飛浦產品都是在恆濕恆溫控制室組裝與檢驗，以確保品質達到最高標準。以因應客戶日趨嚴格的品質要求。



test



Running test
跑合測試



Noise level test
噪音測試



Rigidity test
剛性測試