

項目 ITEM	FTC-10 SERIES			
型號 MODEL	FTC-10	FTC-10TY	FTC-10PT	FTC-10GS
床台最大旋徑 Swing Over Bed	250mm	250mm	250mm	250mm
床鞍最大旋徑 S Swing Over Saddle	120mm	120mm	120mm	120mm
標準加工直徑 Turning Dia.	120mm	120mm	120mm	120mm
最大車削直徑 MAX.Turnable Length	150mm	150mm	150mm	150mm
床身角度 Angle of the Machine bed	15°	15°	15°	15°
最主軸馬達 AC Spindle Motor	7.5/11 kw	7.5/11 kw	7.5/11 kw	7.5/11 kw
主軸最高轉速 Spindle Speed	100~5000RPM	100~5000RPM	100~5000RPM	100~5000RPM
主軸鼻端型式 Spindle nose	ISO A2-5	ISO A2-5	ISO A2-5	ISO A2-5
主軸通孔徑 Spindle Hole	52mm	52mm	52mm	52mm
棒材容許直徑 Through Bar Capacity	42mm	42mm	42mm	42mm
主軸前端軸承直徑 Spindle Front Bearing I.D.	70mm	70mm	70mm	70mm
夾頭規格 Chuck Size	6"(F-48C)	6"(F-48C)	6"(F-48C)	6"(F-48C)
X軸行程 X-Axis Travel	250mm	250mm	250mm	250mm
Z軸行程 Z-Axis Travel	250mm	250mm	250mm	250mm
X軸快移速度 X-Axis Rapid Speed	15m/min	15m/min	15m/min	15m/min
Z軸快移速度 Z-Axis Rapid Speed	15m/min	15m/min	15m/min	15m/min
X&Z軸馬達 AC X&Z Axis Servo Motor	1.8kw	1.8kw	1.8kw	1.8kw
Y 軸馬達 AC Y Axis Servo Motor	N/A	0.75 kw	N/A	N/A
動力刀馬達 AC Live-Tool Motor	N/A	0.75 kw	4.5 kw	5.5 kw
動力刀轉速 Live-Tool Speed (Max.)	N/A	4000 RPM	2000 RPM	4000 RPM
最小輸入單位 Min. Input increment	0.001mm	0.001mm	0.001mm	0.001mm
刀柄尺寸 Square Shank Tools Size	20mm	20mm	20mm	20mm
搪孔刀最大尺寸 Max. Boring Tool Dia.	20mm	20mm	20mm	20mm
刀塔刀具數 Numbers of Turret Position	8	8	8	8
櫛式刀具數 Numbers of Gang Tool	4	N/A	N/A	N/A
換刀時間 Change Tool Times	1.1 sec	1.1 sec	1.1 sec	1.1 sec
切削液馬達 Coolant Pump Motor	1/2 HP	1/2 HP	1/2 HP	1/2 HP
機械尺寸 Machine Dimension(L×W×H)	2.00m*1.35m*1.65m	2.00m*1.35m*1.65m	2.00m*1.35m*1.65m	2.00m*1.35m*1.65m
佔地面積 Floor Space (L×W)	2.5m*3m	2.5m*3m	2.5m*3m	2.5m*3m
包裝尺寸 Packing Dimension(LxWxH)	2.64m*1.60m*2.25m	2.64m*1.60m*2.25m	2.64m*1.60m*2.25m	2.64m*1.60m*2.25m
機械淨重 Machine Net Weight	2100 KG	2150 KG	2150 KG	2150 KG
機械毛重 Machine Gross Weight	2400 KG	2450 KG	2450 KG	2450 KG

※本公司產品隨時改良更新，設計變更不另通知。 Sizes and specifications shown in this catalogue are subject to change without prior notice.

### 標準附屬品 Standard Accessories

- 8位置伺服式刀塔 8 Position Servo Turret
- 6"油壓三爪夾頭 6" Hydr. 3-Jaws Chuck
- 油壓系統 Hydraulic System
- 電控箱熱交換器 Heat Exchanger for electrical Cabinet
- 分離式水箱 Removable Coolant Tank
- 切削液系統 Coolant System
- 自動潤滑系統 Auto-Lubrication System
- LED照明燈 LED Work Lamp
- 三色警示燈 Signal Tower
- 工具箱 Tool Box with Tool Kits

### 選購配件 Optional Accessories

- 自動化介面 Automated System Interface
- 自動化系統 Automated System
- 油水分離機 Oil-Skimmer
- 電油霧回收機 Oil-Mist Collector
- 刀具測量臂 Tool Setting Arm
- 高壓切削液系統 High Pressure coolant System
- 工件接收器 Parts-Catcher
- 成品輸送機 Workpiece-Conveyor
- 除屑機及搬運車 Chip-Conveyor & Cart
- 動力刀塔+Cs軸 Live Turret & Cs-axis

## HIGH PRECISION CNC LATHE FTC-10 SERIES

### 高精密CNC車床

High Performance Lead To Increased Productivity  
CNC PRECISION MACHINE SERIES





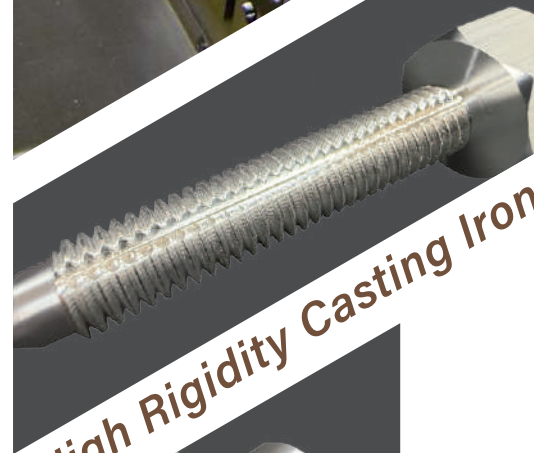
PRECISION DEFENDER  
**FTC-10** SERIES  
CNC PRECISION MACHINE SERIES



## FTC-10

伺服刀塔+櫛式刀具功能  
Servo Turret + Gang Tool

結合刀塔與櫛式2種刀具系統優點，並且有效增加刀具數，提升加工能力與加工速度及精度，提昇加工多樣性  
Combines turret and gang tool systems for increased tool count, enhanced machining capabilities, speed, and precision.



One piece High Rigidity Casting Iron



Multifaceted customization trend



## FTC-10GS

結合齒輪加工功能  
With gear power skiving function

結合刀塔與車齒功能，專利設計直結式車齒機能，輕易達成車削與齒輪加工工序結合，省卻工序移轉進而大幅提升產能與加工附加價值

Combining the servo turret and gear skiving functions, the patented design of the direct-connected power gear skiving function can easily combine turning and gear skiving processes, eliminating the need for process transfer and greatly increasing productivity and added value of processing.



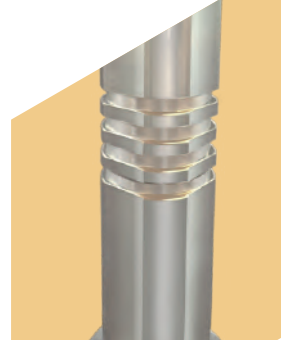
## FTC-10TY

簡易Y軸動力複合加工功能  
Simple Y-axis driven function

結合刀塔與Y軸動力刀具加工功能，動力軸直結驅動，針對小型量產工件可以較經濟且合適的配置作產能規劃

Combining the servo turret and Y-axis driven tool processing functions, the power axis is directly driven, which can be used for production capacity planning in a more economical and appropriate configuration for small mass production workpieces.

Composite application

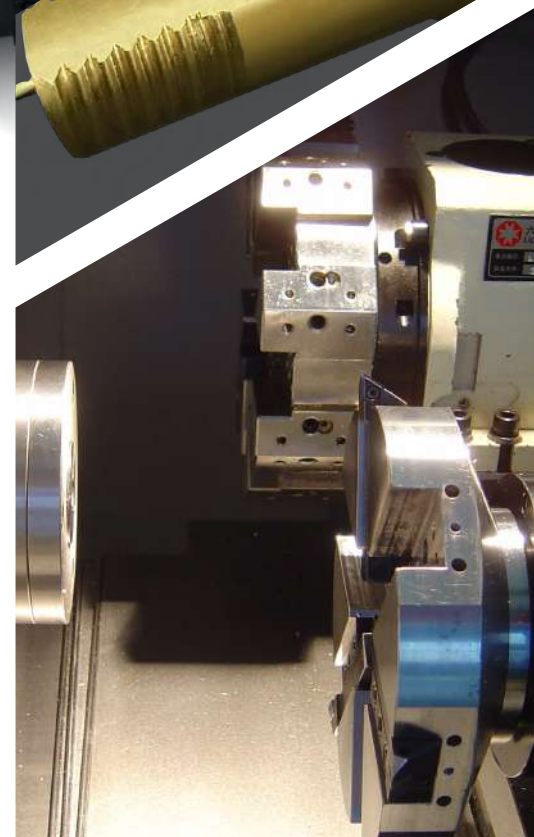


## FTC-10PT

伺服式多邊形加工功能  
Servo Polygon processing device

結合刀塔與多邊形加工應用，針對需求多角切削工件能一之完成，切角裝置由伺服驅動可輕易完成不同邊數切削搭配與輪廓變化車削

Combined with the application of servo turret and polygon processing device, multi-angle cutting of workpieces can be completed at one time according to the demand. The Polygon device is driven by servo and can easily complete cutting combinations of different sides and contour changing turning.



AEGIS  
YOUTUBE CHANNEL