

項 目 ITEM		FTC-15LG		
項目 Items		範圍 Range	單位 Unit	
砂輪 Worm Wheel	外徑	O.D.	125 ~ 350	mm
	寬度	Width	Max. 300	mm
刀具 Dressing cutter	外徑	O.D.	150 ~ 200	mm
	寬度	Width	20	mm
	軸向移動距離(Z)	Axial feed stroke	420	mm
	徑向移動距離(X)	Radial feed stroke	175	mm
	手動調整旋轉角度	Manual Swivel angle adjust	± 15	°
刀具主軸 Cutter spindle	功率	Power	0.37	KW
	轉速	Rotary speed	Max. 3300	rpm
	扭矩	Torque	1.06	Nm
工件主軸 Work spindle	功率	Power	15	KW
	轉速	Rotary speed	Max. 1000	rpm
	扭矩	Torque	Max. 300	Nm
電力 Power	工作電壓	Volt	3Φ 220 ± 5%	VAC
	總功率	Power	24	VDC
控制器 Controller	FANUC		0i – TF+	
	SIEMENS		828D	
操作介面 Operation Interface			對話式(OPT)	
			Dialog function	
機台尺寸 Floor space	寬 x 深 x 高	W x L x H	3100 x 1535 x 1850	mm
	機械淨重	Machine Net Weight	3600	kg

標準附屬品 Standard Accessories

- 油壓系統 Hydraulic System
- 電控箱熱交換器 Heat Exchange 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
- 集塵機 Dust Collector
- 高壓切削液系統 High Pressure coolant System
- 除屑機及搬運車 Chip-Conveyor & Cart

AEGIS
CNC PRECISION MACHINE SERIES

FTC-15LG

CNC 砂輪開槽機

CNC WORM WHEEL DRESSING MACHINE

FTC-15LG

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CNC WORM WHEEL DRESSING MACHINE

CNC 砂輪開槽機

高剛性機構設計，確保加工穩定性

High-Rigidity Machine Design Ensures Processing Stability

整機採用高剛性鑄鐵床身，搭配精密線性導軌與滾珠螺桿於高速切削與高負載加工過程中依然維持穩定性，有效降低震動與熱變形對加工精度的影響

Our machine features a high-rigidity cast iron base, combined with precision linear guides and ball screws. This robust structure ensures excellent stability even under high-speed and heavy-load conditions, significantly reducing vibrations and thermal changes that can affect accuracy.



對應各類應用需求

Adaptable to Various Application Requirements

- 單頭/雙頭/多頭螺旋槽
- 不同螺旋角度與深度設定
- 非對稱槽型與變化間距設計
- Craft single, double, or multi-flute helical grooves.
- Easily adjust helical angles and depths.
- Asymmetric flute profiles and varied pitch designs.

高度彈性化設計，適配各種專用砂輪設計需求
Highly flexible design to accommodate diverse custom grinding wheel requirements.

高效工業集塵系統--OPT--

High-Efficiency Industrial Dust Collection System--OPT--

搭配高效除塵系統有效收集開槽過程中產生的金屬粉塵與微粒。保持機台清潔、保障操作人員的職業安全與健康。

An efficient dust collection system captures metal dust and particles during the grooving process, keeping the machine clean and protecting the health and safety of your operators.

