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HIGH PERFORMANCE CNC LATHE

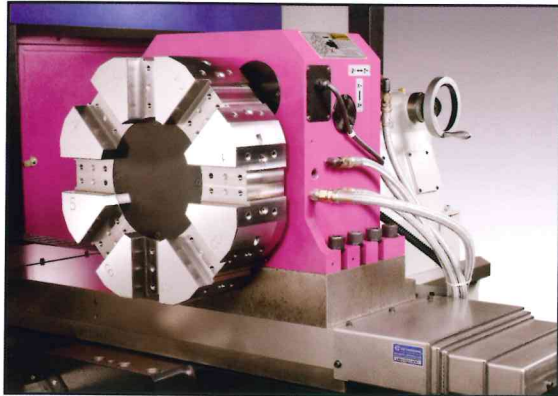
TY-34/38/42CNC SERIES

MANUFACTURER & EXPORTER OF
PRECISION LATHES



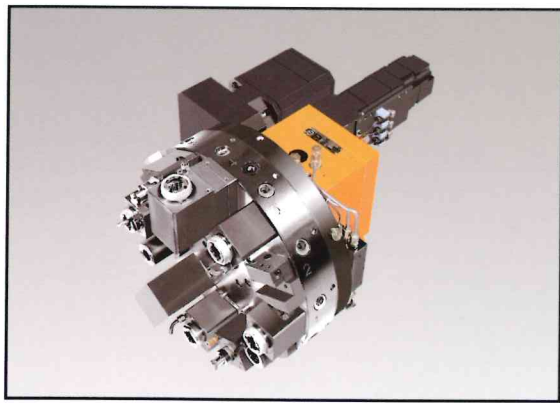
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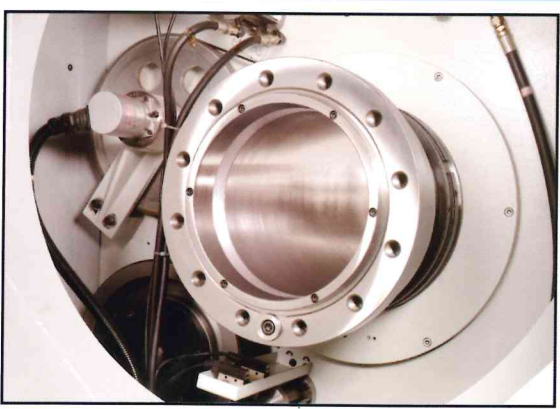
■ Hydraulic of drum turret
8 position (Standard)
10 or 12 position (Optional)
turret tool size : 32mm
turret index time : 0.3 second

油壓刀塔：八支刀 (標準)
10或12支刀 (選配)
刀塔刀具尺寸：32mm
刀塔換刀時間：0.3秒



■ To use advanced high speed servo system, 3 pcs coupling for indexing, hydraulic system for clamp / unclamp neighbor tool indexing will be 0.2 second, cross tool only 0.9 second. Composed with high precision magnetic sensor CS system, milling, drilling, tapping can be finished on one operation.

使用高速驅動系統,3個連結配合定位, 油壓系統夾緊/鬆開, 相鄰換刀需0.2秒, 就近選刀需0.9秒。高精密電磁感應器CS系統, 一次操作可完成銑, 鑽以及攻牙。



■ Headstock is designed with large spindle bore
Ø170mm
Ø255mm
Ø355mm

主軸孔徑：Ø170mm, Ø255mm及Ø355mm



■ The movement of tailstock body and clamping block control by hydraulic system.

尾座使用油壓馬達驅動及本體自動夾緊, 良好的潤滑系統更方便於操作。



- Two chip conveyor effective to removed chips from machine.

使用雙鐵屑車,更助於排屑效果,不易堆積鐵屑。

CNC Controller

■ Fagor 8055TC (Standard)

- Conversational language, easy to operate by users.
- Graphics with tool path (Conversational).
- Easy to modify the program.
- 發格對話式操作介面, 使用者操作容易
- 圖形模擬-對話式模式
- 加工程式容易修改



■ Fanuc Oi-TD (Optional)

- High reliability and high cost-performance nano CNC
- Excellent operation for program editing and memory operation
- Advanced digital servo technology
- Programming guidance with various machining cycles
- Worldwide customer service and support
- 可靠性及性能比卓越的CNC
- 優越的操作性, 在程式編輯儲存卡的編輯及轉行
- 先進的伺服調整技術支援
- 操作性及簡單的程式編輯引導功能
- 世界性的服務支援性



TY-34/38/42 CNC HIGH PRECISION LATHE

SPECIFICATION :

SERIES	34	38	42
Swing over bed 過床身旋徑	870 mm (34-1/4")	970 mm (38-3/16")	1070 mm (42-1/8")
Swing over cross slide 過橫向滑板旋徑	510 mm (20")	610 mm (24")	710 mm (27-15/16")
Center height 中心高度	450 mm (17-11/16")	500 mm (19-11/16")	550 mm (21-5/8")
Center admits between 兩心間最大距離	2000 mm (78-3/4") / 3000 mm (118-1/8") / 4000 mm (157-1/2") / 5000 mm (196-7/8") / 6000 mm (236-1/4")		
Bed width 床身寬度	560 mm (22")		
Bed length 床身長	4350 mm (171-1/4") / 5350 mm (210-5/8") / 6350 mm (250") / 7350 mm (289-3/8") / 8350 mm (328-3/4")		
Motor for main spindle 主軸馬達	25 HP (30HP, Optional)		
Motor for coolant pump 冷卻幫浦	1/4 HP (3/4HP, Optional)		
Spindle nose 主軸鼻端	A2-11 / A2-15 / A2-20		
Spindle bore 主軸孔徑	170 mm (6-11/16")	255 mm (10-1/32")	355 mm (13-31/32")
Spindle ranges 主軸轉速斷數	3 Steps		
Spindle speed 主軸轉速範圍	5-550 r.p.m. (A2-11, A2-15) / 4-400 r.p.m. (A2-20)		
Longitudinal travel (Z-axis) Z軸行程	2200 mm (86-5/8") / 3200 mm (126") / 4200 mm (165-5/16") / 5200 mm (204-23/32") / 6200 mm (244")		
Cross slide travel (X-axis) X軸行程	550 mm (21-21/32")		
Cross slide dimension 橫向滑板尺寸	1000 mm (39-3/8") x 330 mm (13")		
Tailstock quill diameter 尾座套筒直徑	165 mm (6-1/2")		
Quill travel 尾座套筒行程	250 mm (9-13/16")		
Quill taper 尾座套筒內孔錐度	MT. # 6		
Ballscrew diameter X-axis X軸滾珠螺桿直徑	40 mm (1-9/16") x P8		
Ballscrew diameter Z-axis Z軸滾珠螺桿直徑	63 mm (2-15/32") x P10		
Servo motor for X axis X軸伺服馬達	AC 2.5 KW		
Servo motor for Z-axis Z軸伺服馬達	AC 4.4 KW		
Rapid traverse X-axis X軸快速進給	6 m / min		
Rapid traverse Z-axis Z軸快速進給	6 m / min		
Machine dimension L 機器長度	5320 mm (209-7/16") / 6320 mm (248-13/16") / 7320 mm (288-1/4") / 8320 mm (327-1/2") / 9320 mm (366-15/16")		
Machine dimension W 機器寬度	2800 mm (110-1/4")		
Machine dimension H 機器高度	2180 mm (85-13/16")		
Machine weight (Net) 機器淨重	9400 Kg / 10600 Kg / 11800 Kg / 13000 Kg / 14200 Kg 9700 Kg / 10900 Kg / 12100 Kg / 13300 Kg / 14500 Kg 10000 Kg / 11200 Kg / 12400 Kg / 13600 Kg / 14800 Kg		
Machine weight (Gross) 機器毛重	10200 Kg / 11600 Kg / 13000 Kg / 14300 Kg / 15600 Kg 10500 Kg / 11900 Kg / 13300 Kg / 14600 Kg / 15900 Kg 10800 Kg / 12200 Kg / 14200 Kg / 14900 Kg / 17000 Kg		
Packing dimension 包裝尺寸	215"x90"x90" / 255"x90"x90" / 295"x90"x90" / 335"x90"x90" / 373"x 90"x90"		



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WEY YII CORP.

409-6 PEI-TON ROAD, PEI-TON DIST., 406
P.O. BOX 901, TAIWAN
TEL: 886-4-22447999
FAX: 886-4-22444555, 22448555
E-mail: b139@ms17.hinet.net, microweily@yahoo.com.tw
http://www.microweily.com.tw