



GE FONG GNS-1724-DE/GNS-2024-DE

SLIDING HEAD TYPE CNC LATHE  
主軸移動式CNC車床



錡峯機械股份有限公司  
GE FONG MACHINERY CO., LTD.

# GNS-1724-DE GNS-2024-DE

超高效率！一部為您創造利潤的CNC車床！

## State-of-the-Art Efficiency for Maximum Profitability

### Outstanding Features 優異機械特性：

#### 上開式加工室門

- 使操作者可由兩邊接近刀具，方便刀具設定及維修。

#### Lift - to - open tooling zone door

- It permits the operator to access the cutting tools from two sides for added convenience with tool setup and maintenance.

#### 工件接住及存放

- 特殊設計的工件排出位置，可確保切斷工件之接住及落入機外之工件盒。

#### Work catching and conveying

- Specially designed work catcher with proper mounting location ensures positive work catching and conveying to work box outside the machine.

#### Cs 軸

- 供輪廓車削(如刻字、刻圖案等)及0.001°分度主軸定位。

#### Cs AXIS

- available for contouring, as engraving, and 0.001° spindle indexing.

#### 剛性攻牙(正面及側面)

#### Rigid tapping (Face & cross sides)

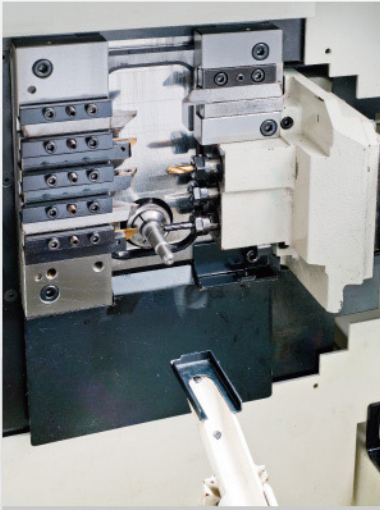
#### 插銷鎖住15°分度主軸定位

- 除了C軸0.001°分度主軸定位外，配合插銷設計，另外可作插銷鎖住15°分度主軸定位，確保側面及端面重切削加工穩定度(如側面鑽孔、攻牙、銑削及端面偏心加工等)。

#### Pin - locked 15° spindle indexing

- In addition to C axis 0.001° spindle indexing, 15° spindle indexing with spindle locked by pin can be achieved assuring stable heavy cutting(as cross drilling、tapping、milling and end off-center processing, etc)





## GNS-1724-D / GNS-2024-D

動力刀裝置，可裝3支側面刀，供端面剖溝、側面鑽孔、攻牙、或銑削(可上下、水平)等。

LIVE TOOL ATTACHMENT With 3 cross tools for face slitting、cross drilling, tapping, or milling (vertically or horizontally) etc.



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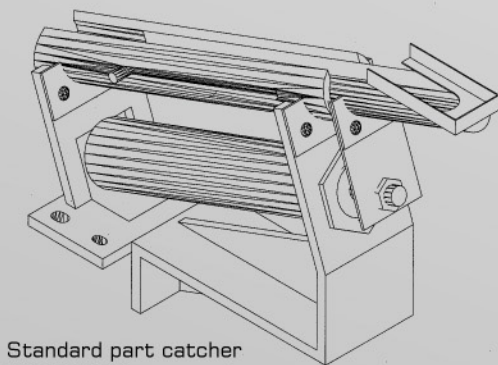
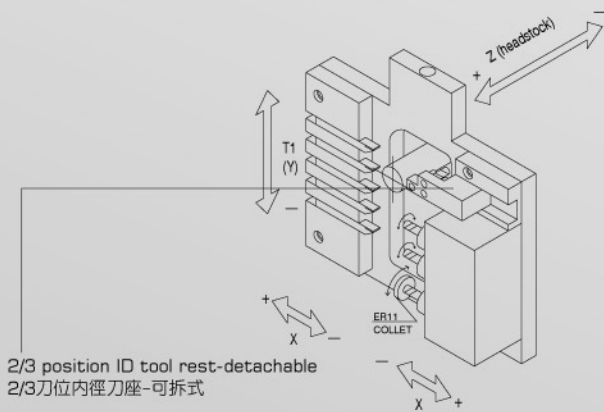
動力刀裝置(分為4刀側面刀裝置、2刀端面刀裝置)，供端面剖溝、銑削、偏心鑽孔、攻牙，及側面鑽孔、攻牙、或銑削(可上下、水平)等。

LIVE TOOL ATTACHMENT(including 4-cross tool attachment and 2-face tool attachment), available for face slitting、milling、off-center drilling、tapping, and cross drilling, tapping, or milling (vertically or horizontally) etc.

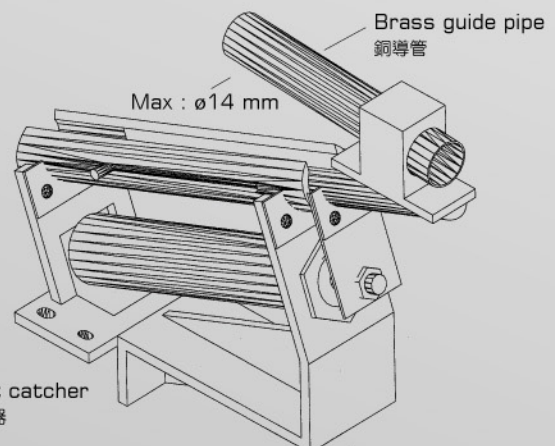
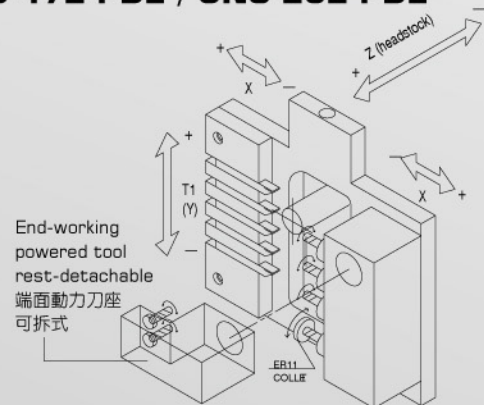
註：2刀端面動力刀裝置可拆下，改裝3刀固定內徑刀座

Note: 2-face live tool attachment can be removed and interchanged with 3-fixed ID tool post.

### GNS-1724-D / GNS-2024-D



### GNS-1724-DE / GNS-2024-DE



## 機器規格 Machine specifications

機型	MODEL	GNS-1724-D (GNS-2024-D)	GNS-1724-DE (GNS-2024-DE)
控制器	Controller	Fanuc or Mitsubishi upon request 發那科或三菱, 依需求而定	
控制軸	Controlled axes	X,Y,Z,C	
可加工最大棒材	Bar capacity	17(20)mm	
正面最大鑽孔直徑	Max. face drilling dia.	ø7 mm	
正面最大攻牙尺寸	Max. face tapping size	M8	
正面最大偏心鑽孔直徑	Max. face off-center drilling dia.	Not available (不適用)	ø7 mm
正面最大偏心攻牙尺寸	Max. face off-center tapping size	Not available (不適用)	M5
側面最大鑽孔直徑	Max. cross drilling dia.	ø7mm	
側面最大攻牙尺寸	Max. cross tapping size	M6	
側面最大圓鋸片直徑	Max. cross slitting saw dia.	ø24mm	
外徑刀位數	OD tool position Nos	6	5
外徑刀柄	OD tool shank	12 × 12 mm	
側面動力刀數/夾頭	Cross powered tool Nos. /chuck	3 / ER11	4 / ER11
端面動力刀數/夾頭	End working powered tool Nos. / chuck	Not available (不適用)	2 / ER11
X軸行程	X axis travel	33mm	47mm
Y軸行程	Y axis travel	105mm	140mm
Z軸行程	Z axis travel	240 mm	
快速位移	Rapid traverse	18 m/min	
主軸轉速	Spindle speed	200 ~ 8,000 RPM	
刀具主軸轉速	Tool spindle speed	200 ~ 4,000 RPM	
主軸馬達	Spindle motor	1.1/ 3.7 KW built-in spindle motor主軸內藏式馬達 (If Fanuc control發那科控制) 2.2/3.7 KW belt-driven spindle motor主軸皮帶驅動式馬達 (If Mitsubishi control三菱控制)	
控制軸馬達	Controlled axis motor	0.75 KW	
動力刀馬達	Tool spindle motor	0.75 KW (If Fanuc control發那科控制) 1 KW (If Mitsubishi control三菱控制)	
冷卻液泵馬達	Coolant motor	0.187 KW	
潤滑油泵馬達	Lubricant motor	0.0035 KW	
主軸孔	Spindle bore	ø18mm	ø25mm
主軸中心高度	Spindle center height	950 mm	
需求電源	Required power source	3ø220V × 8 KVA	
需求壓縮空氣	Required compressed air	6 Kg / cm <sup>2</sup> × 100 N <sub>l</sub> / min	
機器尺寸(寬×深×高)	Machine size(WxDxH)	1,500 × 1,200 × 1,400 mm	
機器重量	Machine weight	1,150 Kgs	

本公司享有規格變更之權利，恕不另行通知。

\* All specifications are subject to change without prior notice.

## 標準配件 Standard Accessories

1. 工具箱，內含調整工具及基礎調整螺栓、墊片、螺帽等
2. 整套動力刀筒夾座，筒夾螺帽
3. 冷卻液壓力檢知器
4. 接料器，工作盒
5. 指定單一工件夾車用刀具、主軸筒夾及各式鑽夾等，不包括特殊刀具
6. 3刀位內徑刀座  
(可裝於機型GNS-1724-D或GNS-2024-D右側外徑刀座之#1刀位)
7. 3刀位內徑刀座(供與端面動力刀裝置替換用，只適用於機型GNS-1724-DE或GNS-2024-DE)
8. ø14 mm柄ER11筒夾座附ER11筒夾螺帽(45mm長) 3 pcs
9. 固定式導套座
10. 自動潤滑系統
11. 工作燈
12. 三層警示燈
13. 送料機介面

1. Tool kit (containing the tools for set-up, adjustment, and leveling bolts、blocks, etc)
2. Complete set of collet holders, collet nuts for powered tools
3. Pressure sensor of coolant pump
4. Work catcher, work collection box
5. Cutting tools, spindle collet and drill chucks for one part to be set up, but special tools not included.
6. 3-position ID tool rest (for #1 tool position of right OD tool rest on model GNS-1724-D or GNS-2024-D)
7. 3-position ID tool rest (for interchange with end-working powered tool attachment, available only for model GNS-1724-DE or GNS-2024-DE)
8. ø 14 mm shank ER11 collet holder with ER11 collet nut (L: 45mm)
9. Fixed guide bushing holder
10. Automatic lubrication system
11. Work lamp
12. 3-tiered pilot lamp
13. Bar feeder interface

## 選擇配件 Optional Accessories

1. 旋轉導套座
2. 自動送料機
3. 小孔徑主軸套管
4. ø14 mm柄ER11筒夾座(30或75mm 長)
5. 長工件排出裝置
6. 排屑機及鐵屑車
7. 切削區安全門開關
8. 變壓器(3ø380~415/220V × 10 KVA)
1. Rotary guide bushing holder
2. Magazine type auto bar feeder
3. Small bore spindle adaptor
4. ø 14 mm shank ER11 collet holder (L: 30 or 75 mm)
5. Long work catcher
6. Chip conveyor & cart
7. Door interlock (Tooling zone door)
8. Transformer (3 ø 380~415/220V × 10KVA)



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