

KINWA
金和車床

金和CNC平台式車床 KINWA FLAT BED CNC LATHE



● CL-68X3000

CL-68系列Series

旋徑Swing 1150mm

兩心間距Between centers 1000~7000mm

主軸孔徑Spindle bore 181, 255, 375, 530mm

主軸馬達Spindle motor 60HP

主軸Spindle

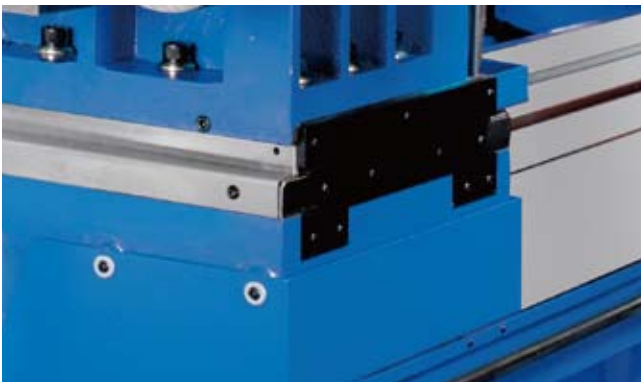
- 主軸孔徑181mm，可選購大孔徑255、375或530mm機型。
- 可依工件搭配手動夾頭、油壓夾頭、空壓夾頭或雙夾頭。
- Spindle bore 181mm is standard. 255,375 or 530mm is option.
- Chuck is optional. You can choose manual chuck, hydraulic chuck, Pneumatic chuck or double chucks.

刀塔Turret

- 標準為V8立式油壓刀塔。
- 可依加工需求，選購H4、H6臥式刀塔或搪孔刀座。
- Vertical 8-station hydraulic turret is standard.
- You can choose the Horizontal 4-station turret, Vertical 12-station driven tool sy attachment according the workpiece.



● CL-68x3000 (V8刀塔turret)



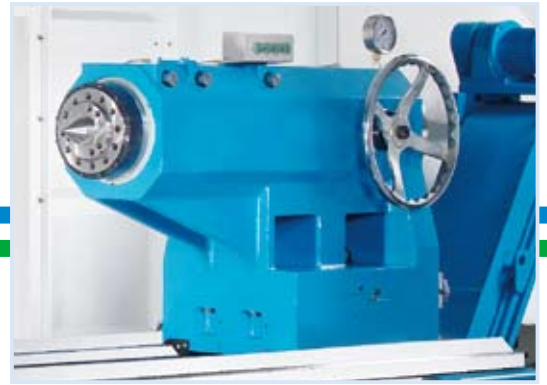
鞍座Carriage

- 方軌式橫向鞍座，重切削最強。
- Powerful cutting is made possible by cross carriage with box way.

可獨立Separate

- 操作箱度，增
- It is easy control

4000,5000,6000,7000



、V12動力刀塔

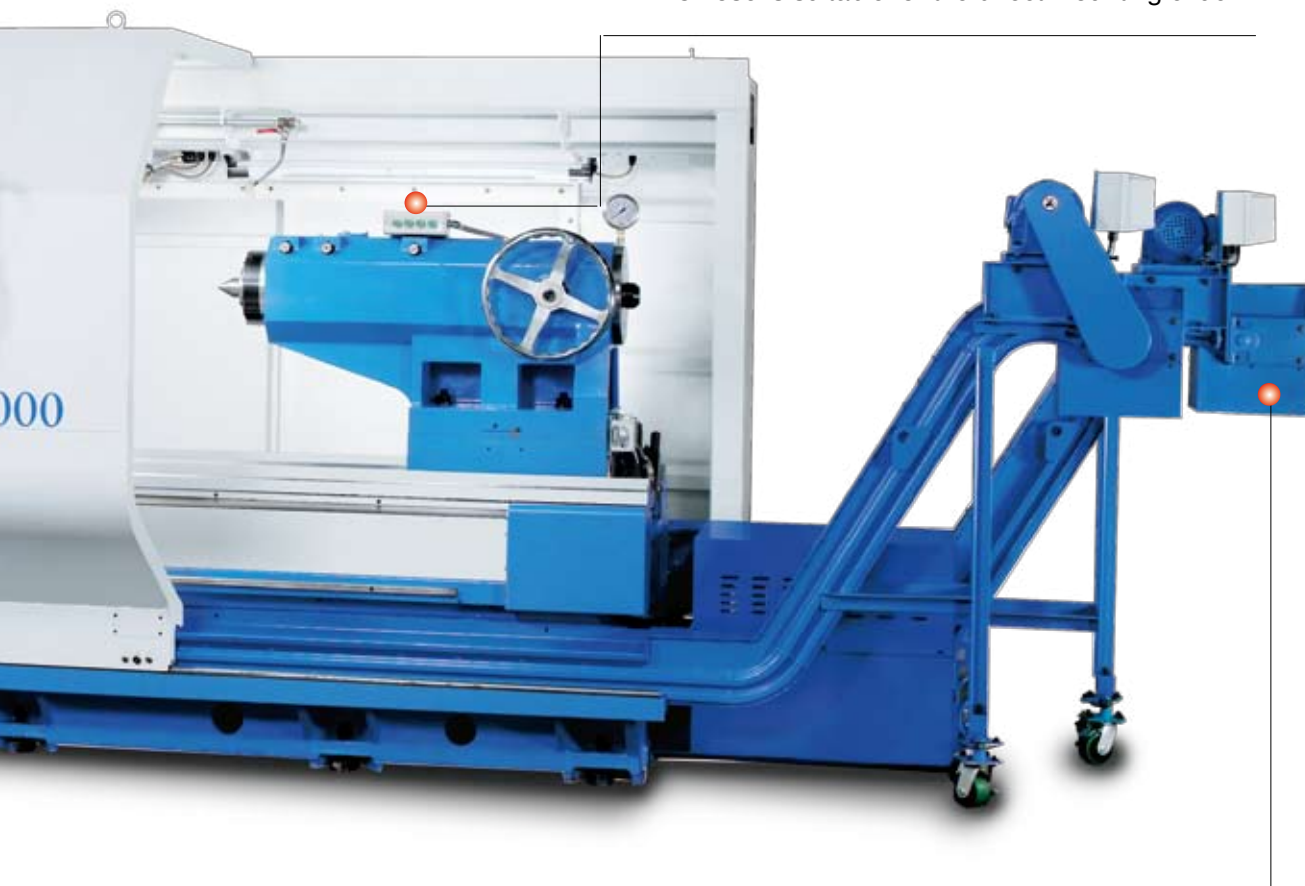
andard.

on, 6-station

stem or boring

副主軸式尾座Tailstock with built-in center

- 套筒直徑 $\phi 240\text{mm}$ ，可荷重7,500公斤。
- 使用MT#6斜度的固定頂針。
- 鼻端A1-8可搭配直鎖式夾頭。
- Sleeve diameter is $\phi 240\text{mm}$. Load is 7,500 kgs.
- With MT#6 dead center.
- A1-8 nose is suitable for the direct mounting chuck.



旋轉的操作箱 te control box

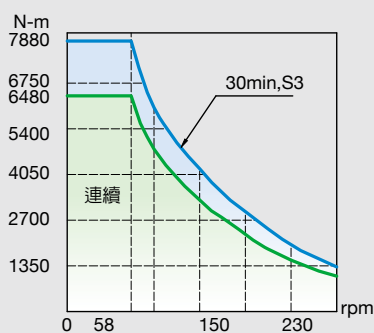
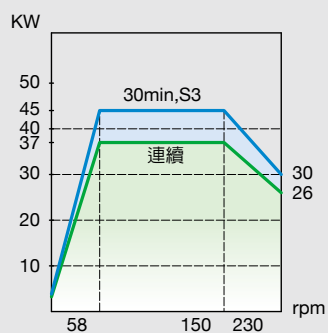
可以依使用者需求旋轉角
加操作的便利性。

sy for operation that the
box can angle separately.

鐵屑輸送機Chip conveyor

- 床身後方出屑為標準附件。
- 可依需求選購床身前方出屑。
- Discharge from the rear of the bed is standard accessories.
- Discharge from the front of the bed is optional accessories.

CL68系列(孔徑181mm, 255mm)



機型: CL-68

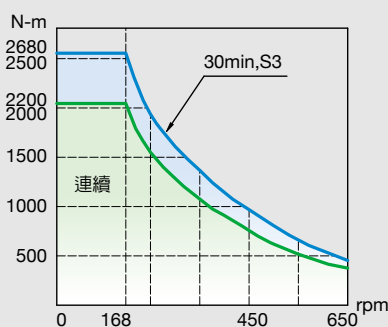
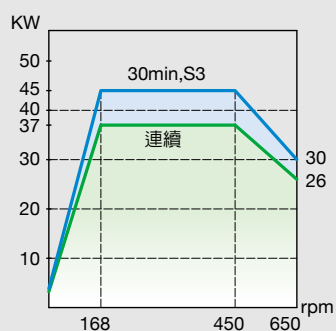
主軸孔徑: ϕ 181mm, ϕ 255mm

主軸變速檔位: 低速檔

Model: CL-68

Spindle bore: ϕ 181mm, ϕ 255mm

Spindle speed range: Low speed



機型: CL-68

主軸孔徑: ϕ 181mm, ϕ 255mm

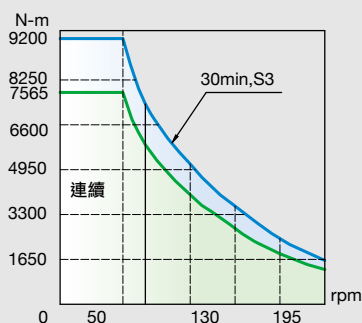
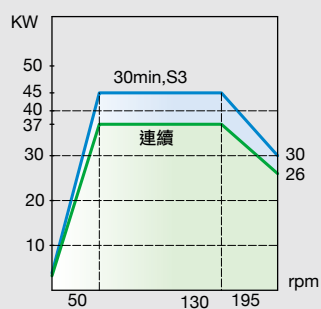
主軸變速檔位: 高速檔

Model: CL-68

Spindle bore: ϕ 181mm, ϕ 255mm

Spindle speed range: High speed

CL68系列(孔徑375mm)



機型: CL-68

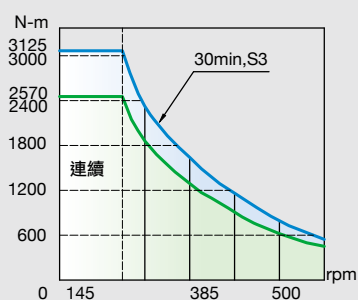
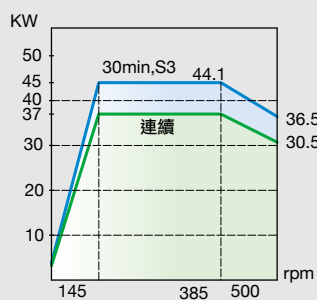
主軸孔徑: ϕ 375mm

主軸變速檔位: 低速檔

Model: CL-68

Spindle bore: ϕ 375mm

Spindle speed range: Low speed



機型: CL-68

主軸孔徑: ϕ 375mm

主軸變速檔位: 高速檔

Model: CL-68

Spindle bore: ϕ 375mm

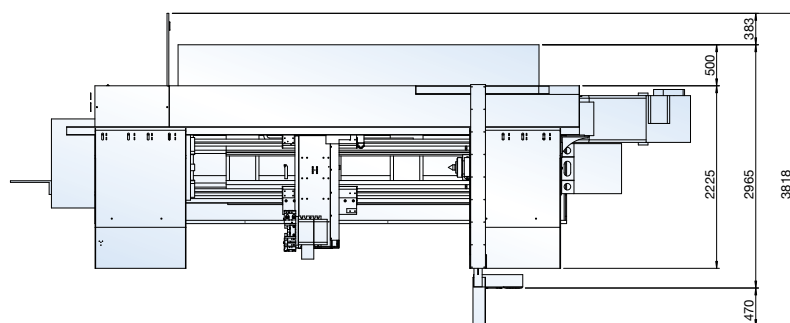
Spindle speed range: High speed

配備及附件Equipment & accessories

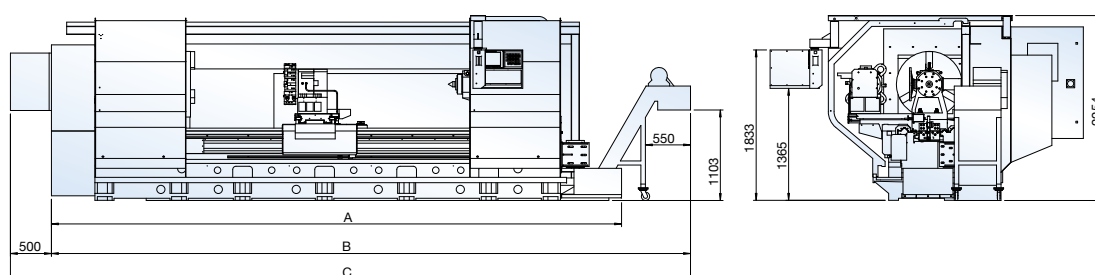
- 電腦FANUC 0iTD
- 彩色螢幕 10.4"
- 主軸馬達60HP, α 40i
- 主軸孔徑181, 255, 375或530mm
- 主軸機械式定位
- Cs軸功能
- 中空油壓三爪夾頭
- 手動三爪連動夾頭
- 手動四爪連動夾頭
- 空壓夾頭
- 立式V8刀塔, 刀具座及刀套
- 臥式H4刀塔不含刀具座及刀套
- 臥式H6刀塔不含刀具座及刀套
- 立式V12動力刀塔不含刀具座及刀套
- 搪孔刀座不含刀桿
- 軸承中心架含二組心軸
 ϕ 40~220mm, ϕ 210~400mm
- 軸承中心架含二組心軸
 ϕ 350~530mm, ϕ 520~710mm
- 油壓跟刀架
- 副主軸式尾座及固定頂針MT#6
- 重負荷副主軸式尾座(荷重12000公斤)
及固定頂針MT#7
- 油壓系統
- 冷卻水槽及冷卻系統
- 鐵屑輸送機
- 雙門及擋屑板
- 工作燈
- 工具箱及調整工具
- 變壓器
- Controller FANUC 0iTD
- Color LCD 10.4"
- Spindle motor 60HP, α 40i
- Spindle bore 181, 255, 375 or 530mm
- Spindle mechanical orientation
- Cs axis function
- 3-jaw hollow hydraulic chuck
- 3-jaw manual scroll chuck
- 4-jaw manual independent chuck
- Pneumatic power chuck
- Vertical 8-station turret, tool holders & sockets
- Horizontal 4-station turret without tool holder & sockets
- Horizontal 6-station turret without tool holder & sockets
- V12 Driven tool system without tool holder & sockets
- Boring attachment without boring bar
- Steady rest with two sets of roller jaw, clamping
range ϕ 40~220mm & ϕ 210~400mm
- Steady rest with two sets of roller jaw, clamping
range ϕ 350~530mm & ϕ 520~710mm
- Self-center follow rest
- Tailstock with built-in-center & Dead center MT#6
- Heavy-duty tailstock with built-in-center
(Load: 12000 kgs) & Dead center MT#7
- Hydraulic system
- Coolant pan & Coolant system
- Chip conveyor
- Double door & Splash guard
- Work light
- Tool box with adjusting tool
- Transformer

▲ 標準或選購依報價單為主 Standard or optional depends on quotation.

外觀尺寸圖(Dimensional drawing)



MODEL	LENGTH	A	B	C
CL68-1000		4950	5800	6300
CL68-2000		5950	6800	7300
CL68-3000		6950	7800	8300
CL68-4000		7950	8800	9300
CL68-5000		8950	9820	10300
CL68-6000		9950	10820	11320
CL68-7000		10950	11820	12320



CL68規格Specifications

項目Item		CL68x1000	CL68x2000	CL68x3000	CL68x4000	CL68x5000	CL68x6000	CL68x7000
床面上旋徑Swing over bed		1150mm						
鞍面上旋徑Swing over cross slide		710mm						
兩心間距Distance between centers		1000mm~7000mm						
床面寬度Width of bed		725mm						
主軸孔徑 (鼻端,轉速) Spindle bore (nose & speed)		ϕ 181mm (A2-15, 6~650rpm) ϕ 255mm (A2-15, 6~650rpm) ϕ 375mm (A2-20, 4~500rpm) ϕ 530mm (2~300rpm)						
主軸變速檔數 Number of spindle speed range		2						
主軸馬達Spindle motor (30分min./連續Cont.)		α 40i (60HP/50HP)						
刀塔Turret	標準Standard	V8, 外徑刀OD tool (ϕ 32mm), 內徑刀ID tool (ϕ 60mm/ ϕ 63mm)						
	選購Option	H4, BH4, BH6						
X軸移動量 Travel of X axis		560mm						
Z軸移動量 Travel of Z axis		1200mm~7200mm						
進給速度Rapid traverse (X,Z)		6m/min						
伺服馬達Servo motor		X: α 22i (5.3HP), Z: α 40i (8HP)						
尾座心軸移動量 Travel of tailstock quill		190mm						
尾座心軸直徑 Diameter of tailstock quill		240mm						
尾座心軸Tailstock quill		荷重Load 7000kg A1-8, MT#6, 33024 (鼻端Nose, 斜度Taper, 軸承Bearing)						
油壓馬達Hydraulic motor		2 HP						
冷卻泵Coolant pump		1 HP						
機械長度Length of machine		6300mm~12320mm						
機械寬度Width of machine		2965mm						
機械高度Height of machine		2254mm						
機械重量Weight of machine		11800kg	13260kg	15110kg	16980kg	18850kg	20730kg	24000kg

▲ 以上規格如有變更恕不另行通知 Specifications are subject to change without notice.

▲ 機械長度含鐵屑輸送機Machine length is including chip conveyor.

▲ X軸行程會因不同刀塔而改變X axis travel will be changed because of different tool post.

▲ 詳細規格數據依報價為主Detail specification depends on quotation.



立 大 機 械
 大亨機械商有限公司
 台南市東區崇信街38號
 Tel: 06-2601800 · 2681075