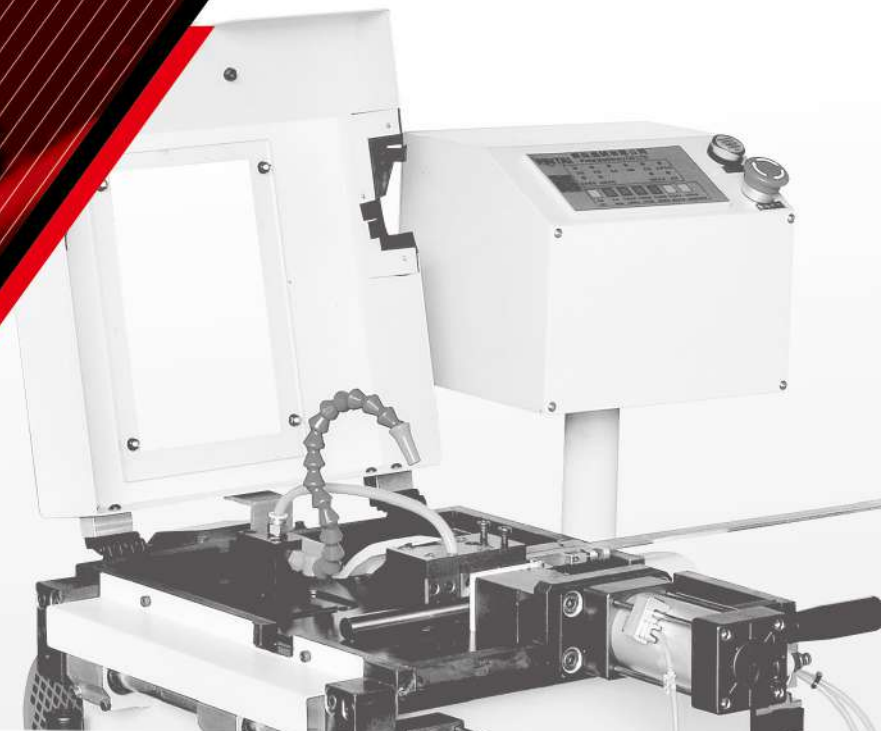




CUTTING MACHINES

PTC-16

PTC-0325



PINTAI

Pintai Machinery is a specialized manufacturer of high precision samll grinders. In addition, we can design and manufacture various grinders according to customer's requirements. Currently we offer a series of equipment applicable for front process in tungsten carbide tool production, including tungsten carbide step-tool grinders, NC fully automatic chamfering machine, NC fully automatic carbide tool cutting machine, internal grinders, external grinders, polishing machines and cutting machines...etc.

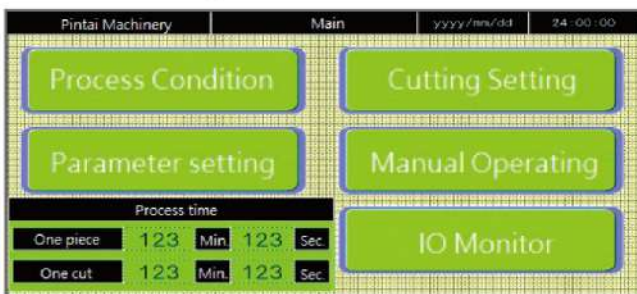


NC Automatic Carbide Tool Cutting machine PTC-16

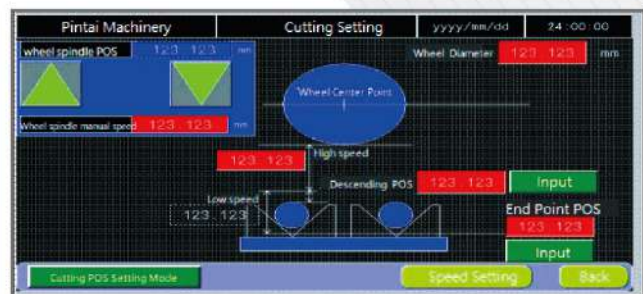
Machine Features

- ▶ Auto loading system.
- ▶ Human-machine interfacing touch screen for easy operation.
- ▶ Feeding system by Servo motor.
- ▶ Accuracy of cutting length achieve $\pm 0.05\text{mm}$.

▶ Main Program

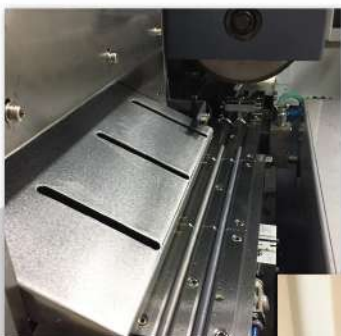


▲ The program is easy for operating.



▲ Lead program, it can make technician to contrast when setting.

▶ Patented Hopper Type Loading System



◀ Front-sensor for various cutting length requirement.

▶ The program has wheel compensation for wear wheel by completed workpiece amount.



▲ Buffering storage of workpiece.



▲ workpiece slide way for setting length by sensor.



Manual Type Carbide Tool Cutting Machine PTC-0325

Machine Features

- ▶ A compactly constructed machine that provides smooth cutting surface.
- ▶ Automatic forward / backward movement is actuated by pneumatic power.

▶ Machine Section



▶ Sample



*We can design and manufacture various machines according to customer's requirements.

Modle/Specification	Unit	PTC-16
Clamping range of workpiece diameters	mm	Ø1-Ø12
Clamping range of workpiece length	mm	20-330
Grinding wheel	mm	205*31.75
Gridning wheel spindle speed	rpm	3600
Gridning Wheel head motor	HP	2
Cycle time	sec	Ø12mm/20
Machine dimension (L*W*H)	mm	1904*1154*1659
Machine weight (approx.)	kg	700

Modle/Specification	Unit	PTC-0325
Cutting diameters	mm	Ø1-Ø30
Cutting Method	-	Penumatic control, Y axis movement automatic
Wheel specification	mm	152.4*1.0*19.05
Gridning wheel spindle speed	rpm	3800
Gridning Wheel head motor	HP	2*2P
Motor power	kw	1.5
Coolant pump motor	kw	0.1
Voltage	V	220V/3P
Machine weight (approx.)	kg	190

Ver. 201802

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The PINTAI logo is located in the top right corner. It features the word "PINTAI" in a bold, black, sans-serif font. A red swoosh underline is positioned beneath the letters "I" and "A".

PINTAI

切斷機系列

PTC-16

PTC-0325

The PINTAI logo is printed on the side of the machine's main body. It consists of the word "PINTAI" in a bold, black, sans-serif font, with a red swoosh underline beneath the letters "I" and "A".

PINTAI

鑽鈦機械是一家專業生產小型研磨機，我們能夠根據客戶的需求開發出各種研磨機。目前提供鎢鋼刀具前製程一系列設備：NC全自動倒角機、NC全自動鎢鋼切斷機、鎢鋼段差研磨機、內徑研磨機、外徑研磨機、拋光機、切斷機...等



NC全自動 鎢鋼刀具切斷機 PTC-16

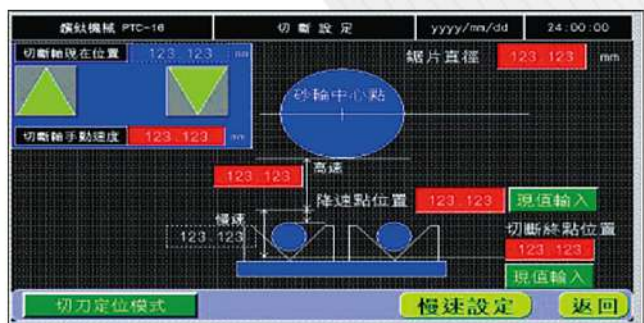
機台特色

- ▶ 自動送收料系統
- ▶ 人機介面觸控式螢幕，操作簡易
- ▶ 伺服馬達進給系統
- ▶ 切斷長度公差可達 $\pm 0.05\text{mm}$

▶ 人機畫面

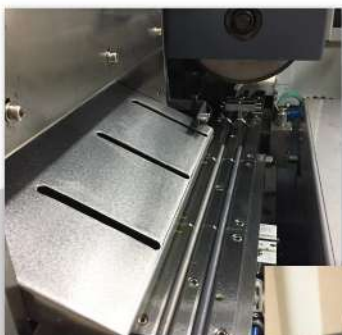


▲ 人機頁面簡易操作



▲ 引導式圖像，使技術人員在設定數值時可以相互對照

▶ 專利滾筒式送料裝置



◀ 前端感測器
可偵測不同裁切長度



▲ 人工件緩衝集合槽 ▼ 推料至設定長度夾持切斷

砂輪磨耗裝置
可設定根據研磨支數
進行補償值





手動鎢鋼切斷機 PTC-0325

機台特色

- ▶ 體積小·切斷後工件表面平整無凹凸不平
- ▶ 前後自動進給採氣壓式作動

▶ 機台局部



▶ 樣品圖



※可依照客戶需求提供客製化機器

型號/規格	單位	PTC-16
可夾持工件直徑	mm	Ø1-Ø12
可夾持長度	mm	20-330
砂輪	mm	205*31.75
砂輪轉速	rpm	3600
砂輪馬達	HP	2
加工時間	sec	Ø12mm/20
機械尺寸(長*寬*高)	mm	1904*1154*1659
機械重量(約)	kg	700

型號/規格	單位	PTC-0325
切割直徑	mm	Ø1-Ø30
切割方式	-	氣壓控制前後自動
砂輪尺寸	mm	152.4*1.0*19.05
轉速	rpm	3800
砂輪馬達	HP	2*2P
電機功率	kw	1.5
冷卻馬達功率	kw	0.1
輸入電源	V	220V/3P
機器重量(約)	kg	190

Ver. 201802

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