



ISO 9001 認證

鋸切機械專業製造廠
SPECIALIST IN A WIDE ARRAY OF CIRCULAR
SAWING MACHINES & CUTTING MACHINES

NC 數控型全自動圓鋸機 AUTO NUMERICAL CONTROL CIRCULAR SAWING MACHINE



營業項目

金屬圓鋸機、鋁材切斷機、管棒倒角機、裁板機、鋸片研磨機、帶鋸機、圓鋸片
CIRCULAR SAWING MACHINE, ALUMINUM CUTTING MACHINE, CHAMFERING MACHINE,
PLATE CUTTING MACHINE, GRINDER, BAND SAW MACHINE and SAW BLADE.

慶祥機械工業股份有限公司
CHING HSYANG MACHINERY INDUSTRY CO., LTD.

NC 數控型全自動圓鋸機 AUTO NUMERICAL CONTROL CIRCULAR SAWING MACHINE

NC-70-4A



NC-100-4A

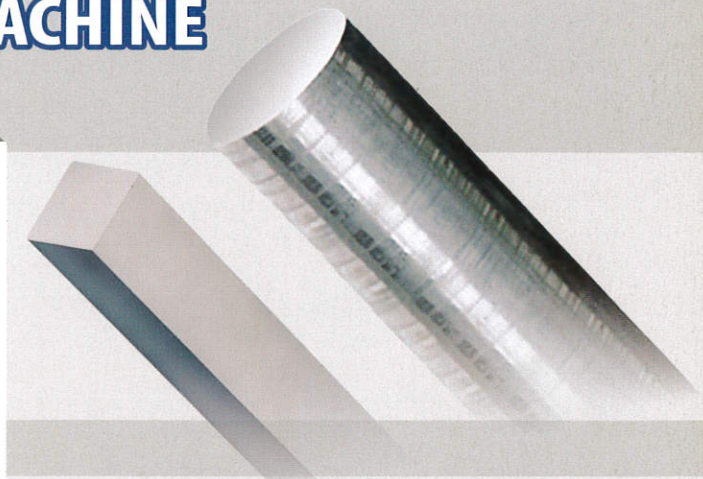
NC-150-4A



特點 Feature

1. 本機採超硬鋸片。
2. 主夾鉗上壓測夾，夾持牢固準確。
3. 送料機構採用擺動式及伺服馬達配合滾珠螺桿傳動，送料精準，送料精度0.01mm。
4. 採油霧式冷卻乾淨無污染。
5. 裝有鋸片保護裝置，鋸片過載保護。
6. 觸控螢幕操作，操作簡單，一般作業員即可操作。
7. 料頭，料尾，成料自動分離，鐵屑自動排。
8. 搖臂進刀設計，配合油壓馬達或伺服馬達及滾珠螺桿進刀，進刀穩定，刀具壽命長。
9. 鋸片三點夾持設計，降低鋸片震動提高鋸片壽命。

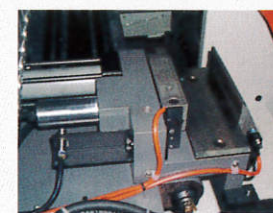
1. This machine combines super hard saw blade.
2. The master clamp presses from top, and clamps from two sides to ensure stable and accurate clamping.
3. Oscillating type feeding device with ball screws, driven by servo motor, has a feeding accurate of 0.01mm.
4. Oil mist type cooling is clean, and does not pollute the air.
5. Saw blade is protected by overload protector.
6. Touch type screen is easy for ordinary operators to use.
7. Front part and rear part of the material, and finished material are automatically sorted out. Metal chips are removed automatically.
8. Sawing type feeding, hydraulic motor, servo motor and ball screw make the feeding stable, and improve the tool life.
9. 3-point clamped saw blade reduces sawing vibration, and promotes the sawing blade life.



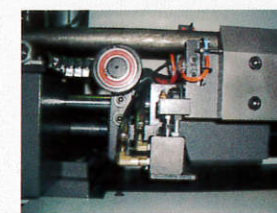
▲ 長料出料架
Out feeding shelf for long material



▲ 整束及單支或雙支無聲下料架
Unloading shelf bundle and
Single or double pcs



▲ 全行程夾鉗
Full travel clamp



▲ 擺動式送料
Oscillating type feeding



▲ 傳動機構
Transmitting device



▲ 進刀機構
Feeding gadget

規格表 SPECIFICATIONS

型號 MODEL		NC-70-4A	NC-100-4A	NC-150-4A
鋸切能力 Cut-off capacity	棒材 Round bar	Ø8 ~ Ø70 mm	Ø20 ~ Ø100	Ø35 ~ Ø150
	角材 Square bar	8~55 mm	20~80 mm	70~110 mm
殘材長度 Length of rest material		65+鋸切長度Cutting length (20+鋸切長度)專利型Patent	70+鋸切長度Cutting length (25+鋸切長度)專利型Patent	70+鋸切長度Cutting length (25+鋸切長度)專利型Patent
料架可放長度 Material length can be put		2000 ~ 6000 mm (700 ~ 6000)	2000 ~ 6000 mm	2000 ~ 6000 mm
一次送料長度 Feeding length per time		650 mm	580 mm	580 mm
適用TCT碳化鎢圓鋸片 TCT Carbide tipped sawblade		ø280x2.0t mm PCD 11x4x63mm	Ø360x60Px2.6 / 2.25x40-S-TA PCD 10.8x4x90mm	Ø460x60Px2.7 / 2.35x50-S-TA PCD 14x4 90mm
適用HSS高速鋼圓鋸片 HSS Saw Blades		ø250 ~ ø275 / 2.0t, 2.5t mm	Ø350 x 2.5t (選配Optional)	Ø450 x 3.0t (選配Optional)
鋸片回轉數 Saw blade rotation speed		18~200 rpm	18 ~ 160 rpm	18 ~ 140 rpm
鋸片殘屑清洗器 Chip cleaner for saw blade		圓形鋼刷 Round steel brush	圓形鋼刷 Round steel brush	圓形鋼刷 Round steel brush
主軸驅動馬達 Spindle driving motor		7.5kw (10HP) / 4P	10HP/4P (7.5KW)	15HP/4P (11KW)
送料伺服馬達 Feed servo motor		1 KW	1 KW	1 KW
進刀 Cutting		油壓馬達Hydraulic motor 1 KW	伺服馬達Servo motor 3 KW	伺服馬達Servo motor 3 KW
油壓驅動馬達 Hydraulic pump motor		3HP / 4P(2.0KW)	3HP / 4P (2.2KW)	3HP / 4P (2.2KW)
油壓驅動壓力 Work driving pressure		70kg/cm ² (7 MPa)	70 kg/cm ²	70 kg/cm ²
工作氣壓壓力 Work operating pressure		4~6 kg/cm ² (7 MPa)	4 ~ 6 kg/cm ²	4 ~ 6 kg/cm ²
鋸切冷卻方式 Cut-off cooling		氣壓噴油霧 Air compressed oil mist	氣壓噴油霧 Air compressed oil mist	氣壓噴油霧 Air compressed oil mist
切削液馬達 Cutting Fluid motor		0.19kw / 4P	-	-
油箱容量 Tank capacity		95 L	110 L	110 L
機器尺寸 Dimension (LxWxH)		1980 x 2100 x 1870 mm	2140 x 2150 x 2020 mm	2240 x 2180 x 2100 mm
機械附料架 Machine + Rack		6900 x 1980 x 1870 mm	7100 x 2140 x 2020 mm	7100 x 2240 x 2100 mm
機器重量 Net weight		3200kgs	3800 kgs	4200 kgs

本公司享有規格變更之權利，恕不另行通知。 All Specification, dimensions and design characteristics shown in this catalogue are subject to change without notice.

標準附件 Standard Accessories

- | | |
|--------------|-------------------------------------|
| 1. 基本機台 | 1. Basic machine frame |
| 2. 自動給料架 | 2. Auto feeding rack |
| 3. 自動油霧冷卻系統 | 3. Auto oil mist spraying system |
| 4. 超硬鋸片 1片 | 4. Super hard saw blade 1 pcs |
| 5. 清除鋼刷 | 5. Steel brush |
| 6. 螺旋捲屑機構或履帶 | 6. Spiral type chip removing gadget |
| 7. 工作石英燈 | 7. Quarts working lamp |
| 8. 刀具間隙補償機構 | 8. Tool gap offset gadget |
| 9. 自動給油潤滑系統 | 9. Auto lubrication system |
| 10. 變頻器 | 10. Frequency converter |

特殊附件 Optional Accessories

- | | |
|--------------------|--|
| 1. 特殊料架 | 1. Special material shelf |
| 2. 長料出料架 | 2. Out feeding shelf for long material |
| 3. 整束及單支或雙支無聲下料架 | 3. Unloading shelf bundle and single or double pcs |
| 4. 最短殘料特殊機構，可客製化訂製 | 4. Without rest material design can be customization |
| 5. 不同齒數鋸片，切削冷卻油 | 5. Different teeth sawbland, cooling cut fluid |

加工範例 Machining examples

S45C中碳鋼	S45C Mild carbon steel
ø65mm 12 秒	ø65mm 12 Sec
ø55mm 9 秒	ø55mm 9 Sec
ø35mm 5 秒	ø35mm 5 Sec

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