

100NF

CNC Automatic Carbide Sawing Machine for non-ferrous metals



Chip Suction Device

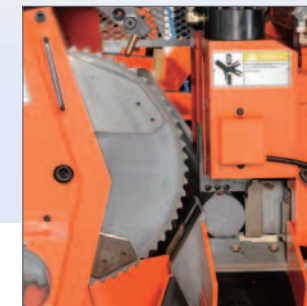


CNC High-speed Carbide Sawing Machine

- Automatic for metals
- Automatic for non-ferrous metals

150NFC

CNC Automatic Carbide Sawing Machine for non-ferrous metals



Specifications

Cut-off Capacity	100NF	150NFC
Round bar ●	10~100mm	40~153mm
Square bar ■	10~80mm	40~120mm
Hexagon bar ●	10~85mm	40~130mm
TCT Carbide tipped sawblade	ø355x2.0mm	ø480x2.7mm
HSS High-speed steel sawblade	-	-
Sawblade rotation speed	1600~4000rpm	1000~3200rpm
Tank capacity	90 liters	100 liters
Pneumatic pressure requirement	4~6 kg/cm ²	4~6 kg/cm ²
Total electric power	20kw	30kw
Gross weight	2700kgs	4000kgs
Dimension (W x H x L)	166x185x697cm	241x191x728cm

• The specifications subject to change without prior notice.



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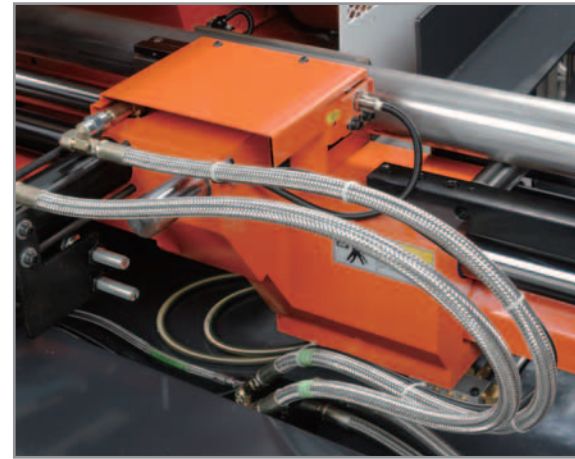


- Amazing Precise and High-speed Cutting Speed
- Mass production requirement
- Environment Dry & Clean at cutting



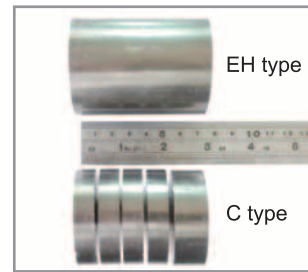
Saw Head Drive Device

High steel characteristic structure, equipped with super heavy load type of linear guideway, ensure the movement more stable and smooth.



GFC (Gripper Feed Carriage) System

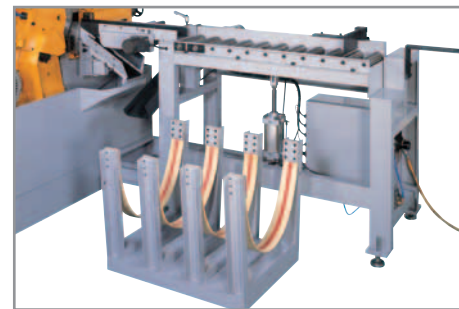
GFC driving : AC Servo motor & C5 grade Ball-Screw
 GFC speed : 33 m/min(fast) 20 m/min(slow)
 Section length : Once 4 ~ 800 mm : -70EH/100EH
 Once 6 ~ 800 mm : -150SP
 Once 6 ~ 450 mm : -230LC / 260LC
 Trim cut length : 8 ~ 99 mm (for all model)
 Rest piece length : Minimal 57 mm : -70EH/100EH
 Minimal 80 mm : -150SP



The shortest remnant achievement 20mm (With Move Vise)



Bundle Loader (Optional device)



Unloading Device (Optional device)

POD (Programmable Operation Display)

8.4" color high-resolution Touch Sensing Screen



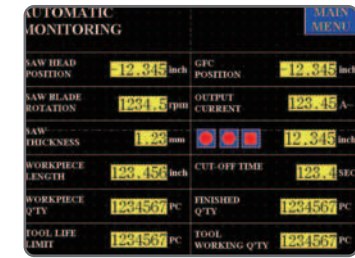
Servo Feed Saw Head

- Accurate, smooth and low vibration during cutting.
- Allow reducing speed at Tangent point before the saw cut into the bar.
- Overcurrent speed down function.



Length & Qt'y

- Length setting is controlled with Servo-Positioned unit
- Saw blade thickness by inputting
- Target quantity by inputting
- Tool life management



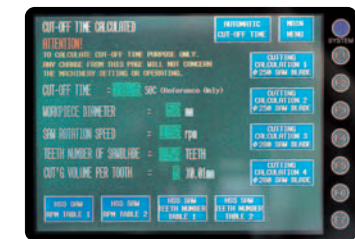
Real Time Monitoring

- Cut-off time detecting
- Workpiece quantity display
- Tool currently cut-off quantity display



Alarm Message Display

- Error auto detecting function
- Self diagnosis function
- Troubleshooting instruction



Cut-off Time Calculated

- System included the varied cutting data by touch on paging button



Multiple Length

- No cost losing by long rest piece

Specifications

Cut-off Capacity	65E	70EH	100EH	150SP	200SP
Round bar	8~70mm	8~85mm	20~110mm	40~153mm	55~210mm
Square bar	8~55mm	8~65mm	20~85mm	40~110mm	55~165mm
Hexagon bar	8~60mm	8~70mm	20~95mm	40~130mm	55~180mm
TCT Carbide tipped sawblade	ø250x2.0/ø285x2.0mm	ø285x2.0/ø315x2.25mm	ø360x2.6mm	ø460x2.7mm	ø650x3.5mm
HSS High-speed steel sawblade	ø250~ø275/2.0t~2.5tmm	ø325x2.0~3.0mm	ø440x2.0~4mm (Max.)	ø460x3.0~5.0mm	ø650x3.0t~5.0tmm
Sawblade rotation speed	18~200rpm	17~200rpm	20~180rpm	20~160rpm	30~90rpm
Tank capacity	90 liters	90 liters	90 liters	100 liters	100 liters
Pneumatic pressure requirement	4~6 kg/cm ²	4~6 kg/cm ²	4~6 kg/cm ²	4~6 kg/cm ²	4~6 kg/cm ²
Total electric power	14kw	14kw	20kw	30kw	40kw
Gross weight	2700kgs	2800kgs	3000kgs	5210kgs	5720kgs
Dimension (W x H x L)	1780x1740x6570mm	1780x1740x6570mm	2530x1940x6910mm	2990x1910x7280mm	2990x1910x7280mm

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