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C FRAME TYPE Sheet Metal Perforating Machine



MODEL : CNC-410/CNC-510

Materials:

Stainless Steel Sheet / mild-steel sheet, Iron Sheet, Aluminum Sheet, Galvanized Sheet, Bronze (copper, brass) Sheet ,Plastic Sheet This machine provides stable functions and high speed performer in current perforating operation. As a reason, our machines will be the best choice on your business. Please do not hesitate to mail our service department, giving us an opportunity to design the most suitable equipment to your needs.

Specification

PC-BASED CNC Controller

A special planned PC-BASED CNC control provides powerful functions. It allows for maximum convenience of operation.

- ✓ 4 axes control
- ✓ CAD/CAM functions specifically designed for perforating machine
- ✓ Program simulation
- ✓ Program pre-read
- ✓ Program comment
- ✓ M.P.G path simulation



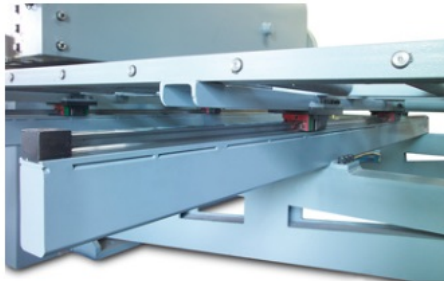
MODEL	CNC-410	CNC-510
Hole diameter range	ø0.6~ø90 mm	ø0.6~ø90 mm
Maximum sheet sizes	4' x 8' (1220 x 2440 mm)	5' x 10' (1530 x 3050 mm)
Minimum sheet sizes	150 x 170 mm	150 x 170 mm
Material thickness range	0.3~12 mm	0.3~16 mm
Stroke (adjustable)	40 mm	40 mm
Shut height	230 mm	230 mm
Throat depth	1780 mm	1780 mm
Ram adjustment	±40 mm	±40 mm
Bolster size	460 x 1100 mm	460 x 1100 mm
Strokes per minute	50~130	50~130
Flywheel drive motor	20 HP	20 HP
Flywheel weight	1200 kg	1400 kg
Net weight	24 Tons	28.5 Tons
Packing dimensions	40' Container	20' Containerx1, 40' Containerx1

SPECIFICATION



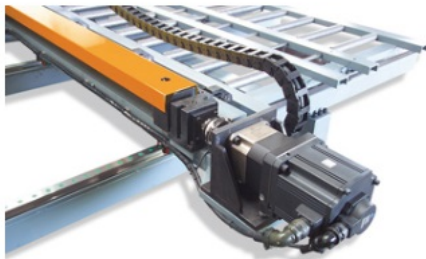
Precision Slide Ways

Extra large hand-scraped slideway surface with automatic lubrication, it provides accurate press load average distribution and prevents cramping, keeping the maximum smoothness in high speed punching.



Sach Linear guide

Each sach Linear guide comes with two slide blocks, that is able to feature heavy load resistance and uniform load distribution.



X-Axis Servo Motor Drive

The X-axis is driven by a servo motor, which drives the precision ball screw directly, it features fast movement with high positioning accuracy.



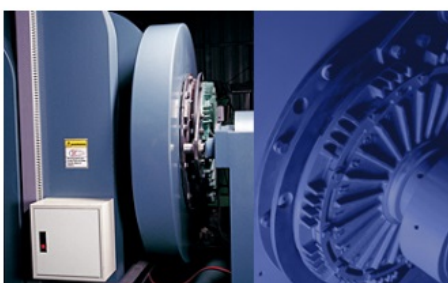
Y-Axis Servo Motor Drive

The Y-axis is driven by a servo motor, which drives the precision ball screw directly, it features fast movement with high positioning accuracy.



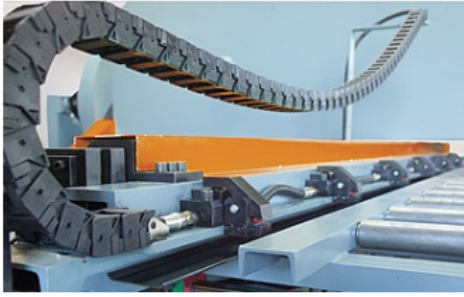
Air Hydraulic Combination System

The sheet clamping mechanism employs an air hydraulic combination system. It provides fast and secure clamping effect.



Flywheel

The design of flywheel is subject to analysis by dynamic theorem, which is made of cast iron, and it is dynamically balanced to ensure running smoothness, keeping stable speed and high precision perforating power.



Hydraulic Clamps

A special design hydraulic clamps for greatly increasing clamping motion.



Precision Linear Guide ways

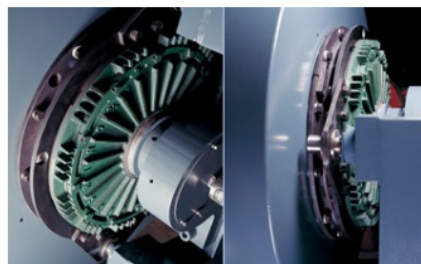
The travel of the machine employs roller type linear guide ways, those feature heavy load resistance and extra smooth movement.



High Quality Filter / Regulator / Lubricator Combination

The filter/regulator/lubricator combination unit and solenoid valve are imported products with high quality.

The filter/regulator/lubricator provides control for air clutch.



Clutch / Brake

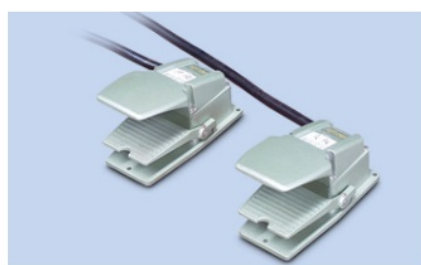
The integrated structure of clutch/ brake provides smooth and fast punching control. It features high clutch/ brake torque. It is air activated, and designed for high production requirement with minimum maintenance.



Automatic Lubricators

This machine is equipped with two sets of automatic lubricator. One set is used for delivering lubrication oil to copper bushing. Lubrication frequency and oil flow rate are adjustable. In case of lack of oil, an alarm will sound to alert the operator.

The other set of lubricator may deliver grease to the ram slideways.



Foot Switch Controller

The machine is equipped with two feet switches. One is used for controlling sheet clamping, and the other one provides inching function. These two feet switches provide more convenient operations.