



GN-ES30 Series Electric Servo CNC Turret Punch Press

Our Product Introduction

Basic Information

- Place of Origin: China
- Brand Name: genuo
- Minimum Order Quantity: 1
- Price: negotiable
- Packaging Details: carton box
- Payment Terms: L/C, T/T, D/P, D/A



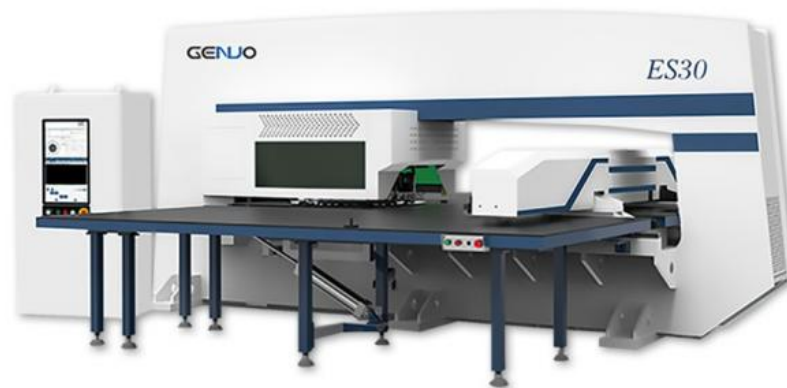
Product Specification

- Features: Advanced And Reliable Servo System, Automatic Selection Of Stroke Based On Material Thickness, Ability To Easily Process Special Crafts Such As Shutters And Knock Down Holes, Constant Pressure Throughout The Whole Trip For High Stamping Quality
- Brand: GENUO
- Model: GN-ES30
- Type: Turret Punch Press
- Control System: Special CNC System Designed For Punch Press By Rexroth
- Highlight: **Servo Turret Punch Press,
Electric Turret Punch Press,
GN-ES30 cnc punch machine**

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TURRET PUNCH PRESS

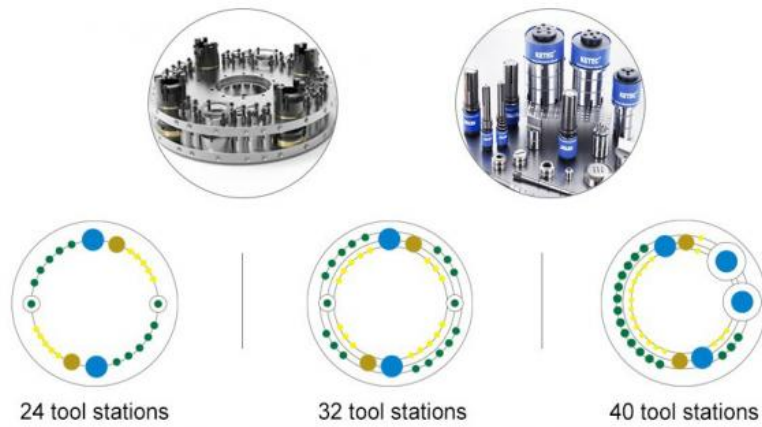
Electric Servo GN-ES30 Series



Standard Equipment	Optional Equipment
★ O-type welded rigid integral frame	☆ GENUO or Siemens CNC Control
★ Rexroth CNC Control and servo system	☆ 42 Station (Dual Circle+T die base)
★ 24 Full-automatic indexing stations	☆ Clamp Stripping Protection
★ Brush and ball mixed worktable	☆ Scrap Collection Device
★ Auto feeding system with high-precision	☆ Automatic Loading and Unloading
★ Precision wear-resistant turret and tools	☆ Special thick turret tooling
★ Floatable Pneumatic Clamps	☆ Large seamless worktable
★ Bearing, timing belt, drag chain from DE	☆ Peripheral light curtain protective fence
★ Schneider electrical parts from FR	☆ Vacuum waste suction device
★ Automatic central lubrication system	☆ Optional customized colors

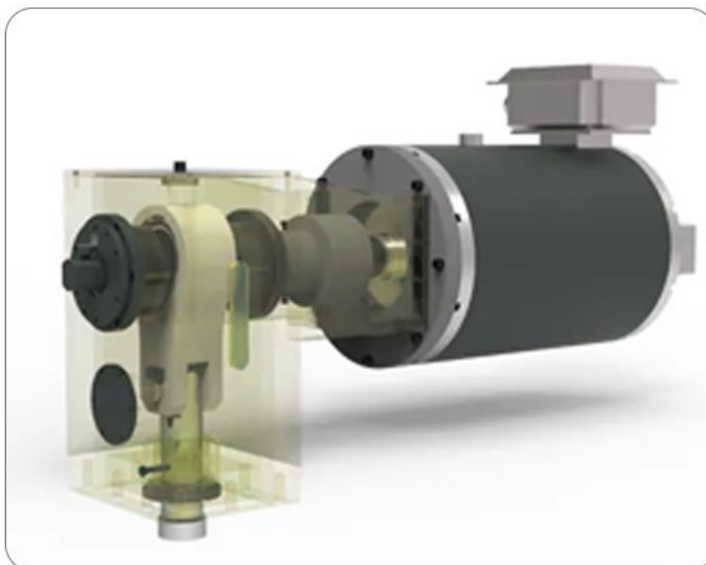
Standard Configuration

Genuo CNC Turret Punch Press has equipped with 32 station turntable and 2 auto indexed station Equipped with automatic lubrication system, sheet deformation monitoring device.



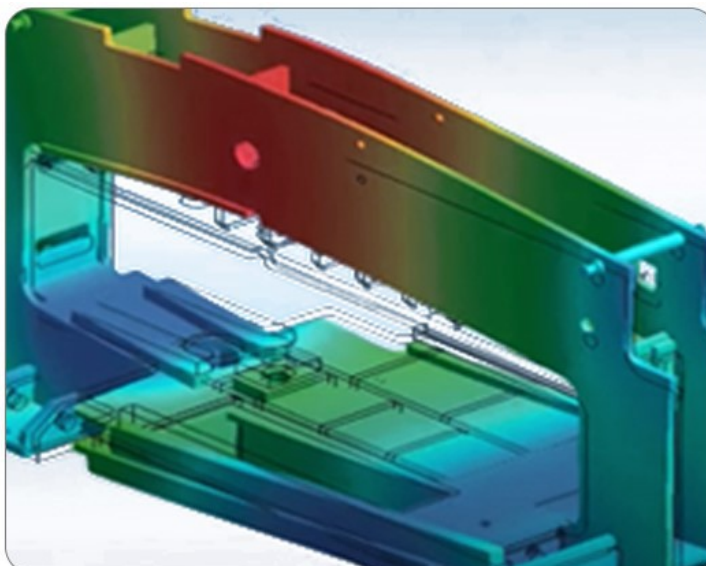
Tool station category	Symbol	24 Tool stations		32 Tool stations		40 Tool stations		Dimension range
		NO	AI	NO	AI	NO	AI	
A	●	10		16		18		Φ3.0~Φ12.7mm
B	●	10	2	12	2	18		Φ12.7~Φ31.75mm
C	●	2		2		2		Φ31.75mm~Φ50.8mm
D	●	2		2		2	2	Φ50.8mm~Φ88.9mm

Configuration Details



Direct Drive Servo Motor

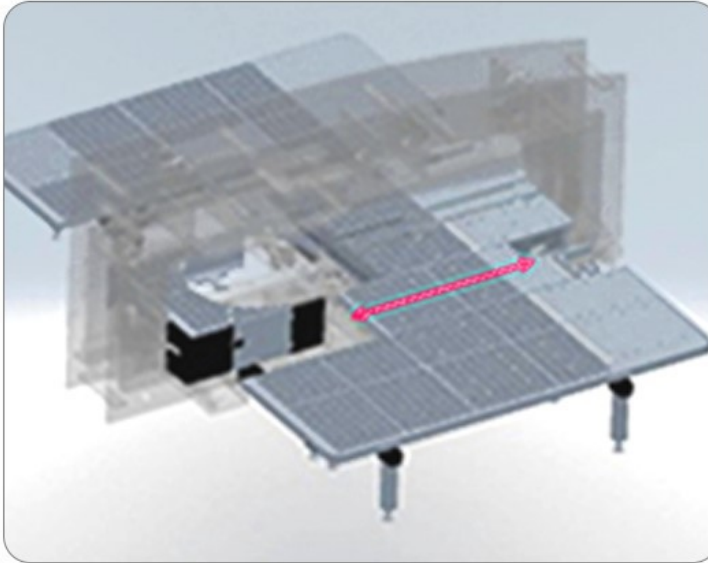
The machine is all-electric technology, it retains the advantages of mechanical transmission structure simple and reliable, while has better performance than hydraulic transmission, such as less stress, greater rigidity, improve the quality of work and tool, tool life. Provides an active push and pull motion in the punch stroke, allowing for more precision production.



Frame Structure Design

Genuo GN-ES30 Series turret punch press adopts integral welded colsed frame, tempering treatment to reduce stress, strong rigidity and maximum tonnage stability.

Long service life, high positioning accuracy, reliability and durability, both environmental protection and energy saving.



Movable Separation Table

Genuo's presses feature a detached frame and removable table base to prevent plate friction. Even at maximum tonnage, vibration is not transmitted to the table, improving workpiece accuracy as well as improving component quality.



CNC Control System

Processing graphics real-time display, intuitive and user-friendly interface, with a key to return to the reference point function, you can set a key loading position. According to the plate thickness automatically adjust the prepressing height of the punch, improve the production efficiency.



Ball Screw

The imported Rexroth large lead high precision ball screw and guide rail are imported famous parts, which are controlled by synchronous servo motor to realize the stability and improve the machining accuracy during high speed movement.



Customizable Turret

Standard 32 station inlaid roulette arranged concentrically, increase die guide length, ensure machining accuracy, and reduce maintenance cost of turret.

Optional Configuration

42 Station (Dual Circle+T die base)

It can ensure the coaxiality of the die, prolong the service life of the die, improve the flexibility and efficiency of the machine tool processing.



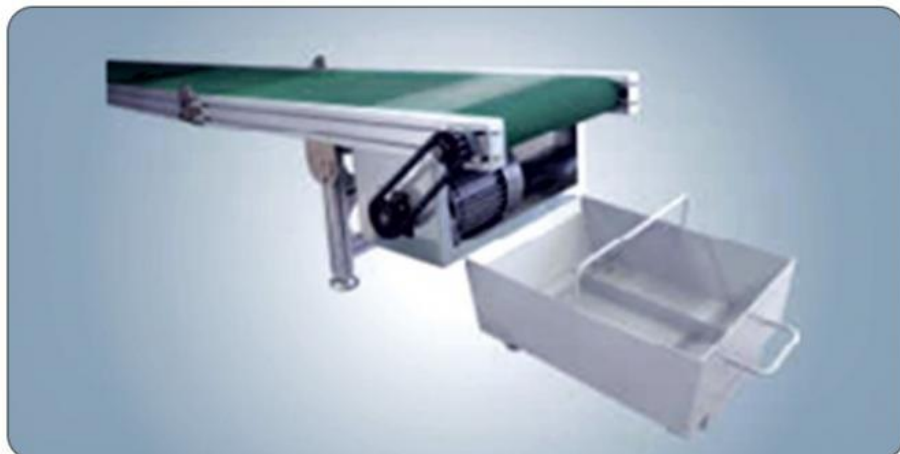
Clamp Stripping Protection

It has good performance, high sealing degree, easy installation, and has good protection advantage, size can be selected.



Scrap Collection Device

Simple and easy to operate, so that the machine in the production country to keep clean, automatic processing and classification.






Automatic Loading and Unloading

It can speed up the standard process of production, giving production the opportunity to be more efficient, leaving room for flexibility, and saving money.



Quality Characteristics

 Material	Machine	Frame one / High quality bed
	Tools	Famous accessories / High precision mold
 Feature	Electric	Environmental And Energy Saving
	Upgrade	Smart Control / Automation Options
 Work	Warranty	Long Tool Life / High Stability
	Yield	High Precision / Fast Processing

Application Scenario



Technical Parameter Tel:400-010-0000

Parameter name		Unit	Electric servo turret punch		Hydraulic servo turret punch		Mechanical turret punch	
Max sheet size (including one-time repositioning)		mm	1250x5000	1500x5000	1250x5000	1500x5000	1250x2500	1500x2500
Max impulse pressure		kN	300		300		300	
Thickness of processed plate		mm	4		6.35		6.35	
Max punch diameter		mm	φ88.9		φ88.9		φ88.9	
Workstation		No.	32		32		24	
Rotation number		No.	2 (Up to 4)		2 (Up to 4)		NO	
Max piercing diameter of rotary die		mm	φ50.8		φ50.8		NO	
Punching accuracy		mm	±0.075		±0.075		±0.1	
Stamping Times	Marking offset	hpm	1500		600		300	
	Max impulse 1mm step 6mm stroke	hpm	750		400		150	
	Max impulse 25.4mm step distance, 6mm stroke	hpm	350		220		90	
Max feeding speed of sheet		m/min	X=96	Y=96	X=96	Y=96	X=75	Y=75
Turret speed		r/min	30		30		30	
Number of control axes		No.	4		4		3	
Power		kW	20		15		7	
Air pressure		MPa	0.5~0.6		0.5~0.6		0.5~0.6	
Overall Dimensions	Long	mm	5500	6100	5500	6100	5500	6000
	Width	mm	5050	5050	5050	5050	2600	2600
	High	mm	2300	2300	2300	2300	2200	2200
Weight		t	About 16	About 18	About 16	About 18	About 14	About 15

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