

► Main Components

No.	Item	Brand
1	Main Motor	Ishcanto
2	Linear Guide	HIWIN
3	Ball Screw	TBI
4	Electrics	Schneider
5	Bearings	NACHI
6	CNC Controller	ECO-10ES

► Technical Parameter

Model	WADG-3T/200	WADG-6T/400	WADG-12T/600
Bending Force	30KN	60KN	120KN
Bending Length	200mm	400mm	600mm
Column Distance	300mm	370mm	450mm
Throat Depth	/	160mm	200mm
Stroke	120mm	120mm	120mm
Open Height	420mm	420mm	420mm
Speed	Approaching Speed:200mm/s Ram Speed:1-30mm/s Return Speed:200mm/s	Approaching Speed:200mm/s Ram Speed:1-30mm/s Return Speed:200mm/s	Approaching Speed:200mm/s Ram Speed:1-30mm/s Return Speed:200mm/s
Main Motor	2KW	3KW	5.5KW
Dimensions	700mm*700mm*1980mm	750mm*750mm*1980mm	850mm*850mm*2080mm
Weight	320kg	560kg	760kg

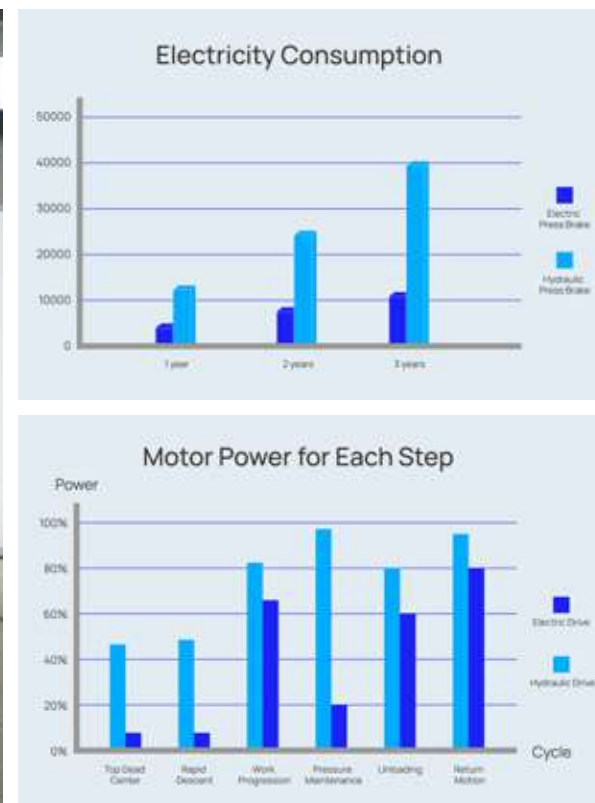


Electric Servo Press Brake

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▶ Electric Servo Press Brake

Electric servo press brakes are highly versatile and suitable for a variety of applications, including precision sheet metal bending, small household appliances, and computer and equipment enclosures. They are designed for bending metal materials and are well-suited for precision sheet metal components and mechanical manufacturing parts.



Features

- **Eco-friendly:** Clean, pollution-free, and energy-efficient, eliminating the need for hydraulic oil.
- **High Efficiency & Speed:** Servo motors ensure fast speeds, precise bending, and reduced processing time compared to electro-hydraulic alternatives.
- **Energy Savings:** Consumes less electricity, saving an estimated 10,000 kWh per year, or 30%-50% reduction.
- **Low Maintenance & Stability:** No need for regular oil changes, with servo motors ensuring stable control and unaffected bending accuracy.
- **User-friendly & Efficient:** Designed for ease of use and preferred for bending small and medium-sized parts.
- **Cost-effective & Improved Efficiency:** Offers over 30% energy savings, lower operating costs, and more than 40% increased efficiency compared to electro-hydraulic press brakes, resulting in a more stable and reliable option.

Applications

Key industries that benefit from all-electric servo press brakes include:

- Consumer electronics
- High-end switchgear cabinets
- Precision enclosures
- Medical equipment
- White goods (home appliances)
- Telecommunications
- Power distribution cabinets
- Various high-precision sheet metal products



Controller

An efficient algorithm can streamline bending cycles, save time on work step setup, and increase efficiency, especially for batch processing.



Backgauge

The overall structure is made of lightweight materials, providing high rigidity and fast speed. It comes standard with two CNC axis (X and R), and the backstop can move left and right along the cylindrical guide rails.



Fast Clamp

The standard configuration for the upper die clamping device is a mechanical quick-clamp system.



2V Die

The lower die utilizes a double V quick-change clamping method, with an optional single V mechanical clamping system available.