

PROPOSAL CNC HYDRAULIC PRESSBRAKE



Model - WE67K 3.2T175 | SUPERBEND | I-GERMANY



Proposal For,

S4 SS SHEET METAL FABRICATION WORKS

7A/6 phase-3 no 38 IDA jeedimetla, Hyderabad-55

WE67K 175T3200 CNC electro-hydraulic servo bending machine

Technical documents

1. Machine model and name:
 - 1.1. Model: WE67K 175T3200 ZY-68 Controller
 - 1.2. Name: CNC electro-hydraulic servo bending machine



Image is for representational purposes

The main technical parameters of the machine tool:

No	project	Parameters	Unit	Remark
1	Nominal pressure	175	KN	
2	Foldable board width	3200	Mm	
3	Slide stroke	200	Mm	
4	Maximum opening height	455	Mm	
5	Column spacing	2700	Mm	
6	Throat depth	400	Mm	
7	Fast down speed	160	mm/s	
8	Return speed	130	mm/s	
9	Speed of work	14	mm/s	
10	main motor power	7.5	Kw	
11	CNC system	ZY-68		ZY-68
12	Number of control axes	4+1+2		
13	Backgauge X axis stroke	500	Mm	
Numerical control system		CHINA ZY68 controls Y1,Y2,Y,R Axis and mechanical compensation		
Backgauge	precision	mm	±0.10	
	Trip	mm	600	
	Maximum speed	Mm/s	200	
	The motor power	Kw	0.85	

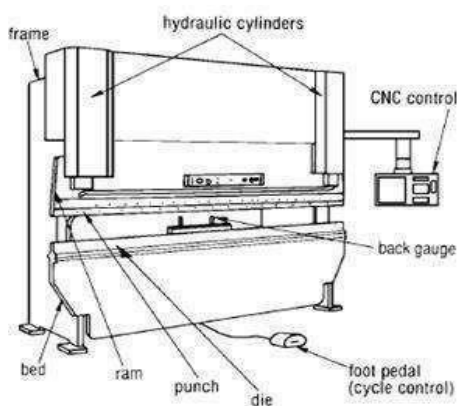
1. Technical characteristics:

1. The main oil cylinders on both sides adopt the electro-hydraulic servo valve imported from Germany and the grating ruler of Spanish FAGOR company to form a closed-loop control. The feedback is accurate and the slider runs accurately, so that the bending accuracy and the repeatability of the slider are high.
2. V-axis mechanical compensation. Solve the influence of the deformation of the slider during the bending process on the quality of the workpiece. The compensation amount is automatically adjusted by the numerical control system, which is convenient and accurate.
3. It adopts a fully functional backgauge and can choose to control multiple backgauge shafts. The functional components in the back gauge, such as guide rails, lead screws, bearings, etc., are all imported parts to ensure the accuracy of the back gauge.
4. The machine body adopts a split steel plate welded structure, and is tempered by large-scale tempering furnace equipment to eliminate deformation caused by welding stress and processing stress and ensure the accuracy of the machine tool.
5. The main components such as the machine body and the slider are analyzed by ANSYS finite element analysis software to ensure the reliability of the machine tool.
6. The hydraulic system adopts the integrated control system imported from Germany, which reduces pipeline installation, improves the working stability of the machine tool, and has a beautiful and simple appearance.
7. Equipped with a segmented upper mold, which can be assembled into a certain length according to the requirements of the workpiece to meet the processing needs of special workpieces. The upper mold adopts a safety groove structure (European standard) and the lower mold adopts a combined structure to adapt to different workpieces. Need.
8. The numerical control system adopts the Dutch ZY-68 system.
9. Both sides of the fuselage are equipped with C-shaped plates, and the high-precision grating ruler is installed on the C-shaped plate, thus avoiding the influence of the deformation of the fuselage on the bending accuracy during bending.
10. The oil cylinder processed by a professional manufacturer, a complete set of seal rings imported from Germany, and a pipe joint imported from Germany can overcome oil leakage.

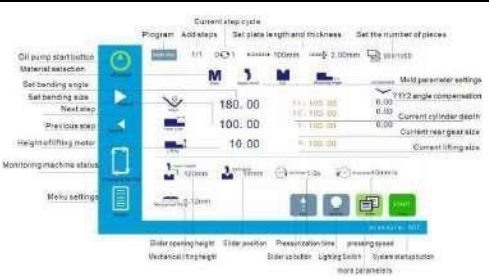
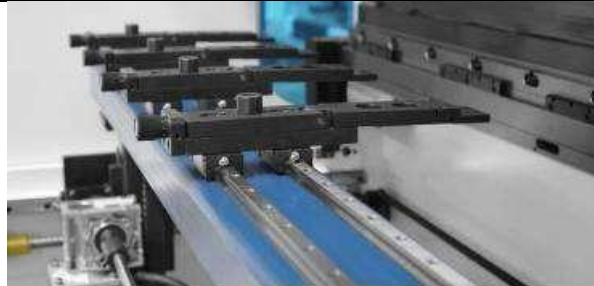
3..The main component configuration list:

Configurations

1. CNC system: ZY -68
2. Servo valve group: German ARGO Company
3. Pressure valve group: German ARGO Company
3. Oil pump: Haitek shares (SUNNY)
4. Rod seal: SKF, Italy
5. Sealing ring: SKF, Italy
6. Cylinder sealing ring SKF Italy
7. Dust ring Germany MERKEL company
8. Ring type ring Germany MERKEL company
9. Guide belt German B+S company
10. Grating ruler Turkey OPKON
11. Servo motor:Nanjing kaizheng
12. Servo drive:Nanjing kaizheng
13. Motor Siemens Bader
14. Ball screw and linear guide Taiwan TBI
- 15High pressure hose Guangzhou Tianhe
- 16Electrical components Schneider, France



4. Introduction to CNC system

	
	Hiwin Ball screws and linear guide on X, R-axis Axis X speed 500 mm/s
	CNC press brake use all Raw material is provided by qualified suppliers and chemical composition corresponds to international standards. Therefore, raw material yield and tensile strength are guaranteed. are standardized with a 8.4 x 3.5 mm safety groove, which keeps the tool from falling out. Advantage: Safe and fast tool change Can be used without modifying Europe type punches Front clamp - vertical tool change Rear clamp - horizontal tool change

5. Scope of supply

1. One CNC electro-hydraulic servo bending machine (including one set of standard molds)

2. Random accessories:

1	Anchor bolt	1	
2	Back stop finger	1	
3	Foot switch	1	

3. Random tools:

1	Phillips screwdriver	1	
2	Slotted screwdriver	1	
3	Allen wrench	1	
4	adjustable wrench	1	

4. Random technical documents:

1	Packing List	1	
2	Certificate of Compliance	1	
3	Operating Instructions (Electrical)	1	
4	Instruction manual (mechanical)	1	
5	System Information	1	
6	Electrical schematic diagram	1	
7	Parameter disk	1	
8	Foundation plans	1	

7. Conditions that the user should provide for using the machine tool:

1. Power supply: 380V±10%, 50HZ.
2. Ambient temperature: 5~38°C (working temperature).
3. Environmental humidity: relative humidity 20~80%RH.
4. Keep away from strong vibration sources and electromagnetic interference sources.
5. No harmful and corrosive gas, no dust.

COMMERCIALFOR CIF CHENNAI PRICE

WCK175T3.2m CNC Hydraulic PressBrake Superbend (4+1+2) with ZY-68 CONTROLLER	Offer Price : 28,00,000.00 INR
	GST 18% EXCLUDED

- Taxes & Levies are extra (GST 18%)
- Delivery – Local Transport included
- Delivery time – 6 to 8 weeks after receipt of full payment
- Payments : 30% advance, Balance against Bill of Lading at Factory Loading.
- Warranty – 2 year from the date of dispatch
- ICT – installation commissioning & training included
- Extra tools – One standard set is included, any extra tooling required will be optional
- Quick clamp – Optional (Please ask sales team)
- Validity of quote – 1 month

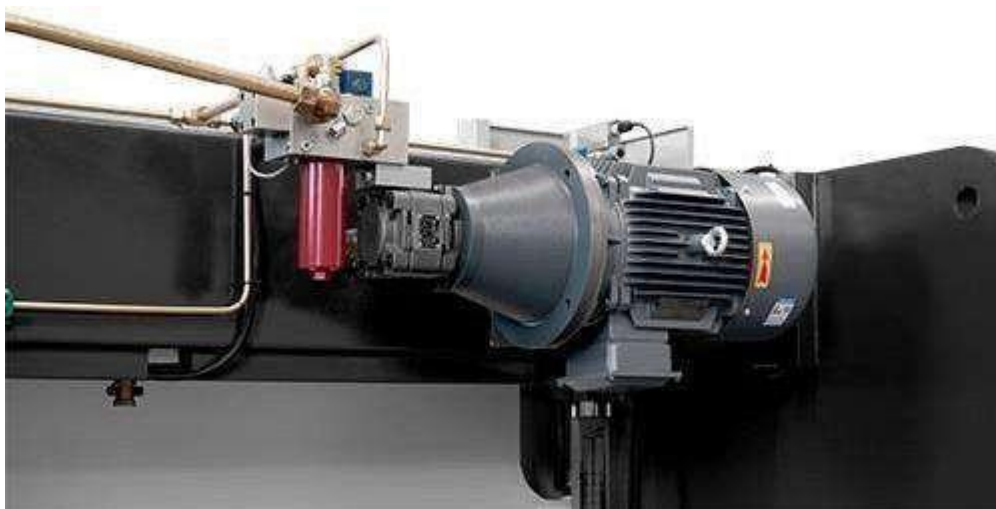
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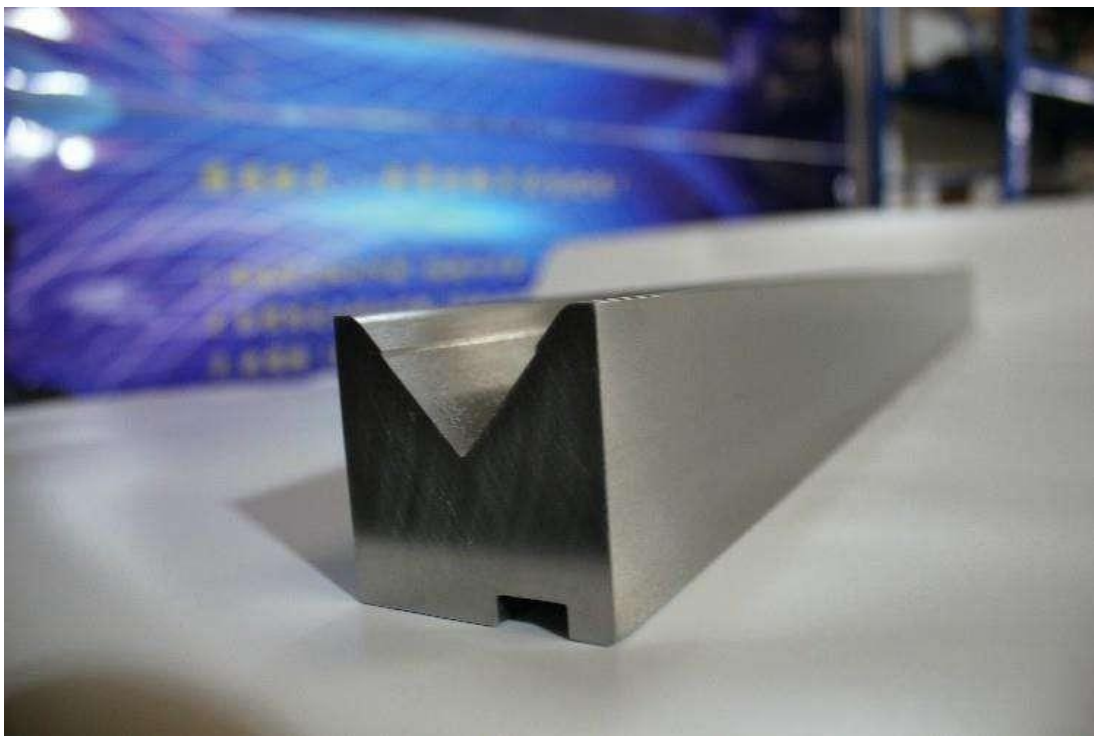
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For,
Keerthik k

MACHINE PHOTOS :







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#77 Janapriya commercial complex, Magadi Main road
Sunkadkatte, Bangalore -91
www.Excelitetechnology.com | 6363331213 | 9113635903

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