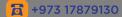


NC Hydraulic Press Brake Machine





+973 17879135





1. Main Features

- 1. Totally EU streamlined design, Monoblock by welding robots & aparatus and stress relief process by Annealing treatment.
- 2.Adopt integrated hydraulic system, more reliable and easy for maintenance. and the hydraulic system from Bosch-Rexroth, Germany,
- 3. Mechanical synchronous meahanism and the complex compensation are designed so as to raise the workpieces precision.
- 4.The stroke and distance of the backgauge is adjusted by the motor and is well adjusted by hand, the adjustment is displayed by E21.
- 5.Inch, single mode being designed for the machine and reversing and maintain time can be controlled by the time relays.
- 6.Safe fence and the electric interlocker have been designed for the machine to ensure the operation safety.

2.Standard Equipment:

Estun E21 NC control System

Powered Depth Y-axis & Back gauge X-axis

HIWIN Ball screws & Polished rod with 0,05 mm accuracy.

Plate Support Arms

Germany Bosch-Rexroth Hydraulic

Germany EMB Tubing connector

Germany Siemens Main Motor

Telemecanique/Schneider Electrics

Hydraulic & Electrical overload protection

Top and Bottom Tooling(86°,R0.6mm)

3. Safety Equipment:

- Safety Standards(2006/42/EC):
 - 1.EN 12622:2009 + A1:2013
 - 2.FN ISO 12100:2010
 - 3.EN 60204-1:2006+A1:2009
- Front finger Protection(Safety light curtain)
- South Korea Kacon Foot Switch(Level 4 of safety)
- -Back metal safe fence with CE standards
- -Safety relay with Monitor the pedal switch and safety protection



4-Estun E21 NC Control system:

Monochrome LCD Box Panel.
Integral factor programmable freely
Automatic positioning control
Spindle allowance offset
Internal time relay
Stock counter
Back gauge position display, resolution in 0.05mm



Specifications:

serial no	name	unit	model smart-ak NC3200*125
1	Bending force	Ton	125
2	Bending length	mm	3200
3	Distance between columns	mm	2550
4	Stroke (y-axis)	mm	130
5	Daylight	mm	380
6	Throat Depth	mm	320
7	Bed Height	mm	820
8	Y-axis advance speed	mm/sec	110
9	Y-axis working speed	mm/sec	5~12(adjustable)
10	Y-axis return speed	mm/sec	100
11	back gauge accuracy	mm	0.05
12	X-axis back gauge travel	mm	600
13	Work piece straightness	mm	0.5/m
14	Bending angle accuracy	(')	< 40
15	Sliding front arms	pcs	2
16	Back gauge finger block	pcs	4
17	motor power	kw	7.5
18	Crowning system	-	-
19	Length * width * height	mm	3650*1650*7350
20	Weight	kg	7350



Main Configuration:

MAIN CONFIGURATION LIST		
Esturn NC system	● estun E21	
Electrical components	Schnider electrical from french	
Main motor	siemens from germany	
Back gauge & ram driver	invert from taiwan delta	Accurate positioning control
Ball screw / liner Guide	HIWIN from Taiwan brand	
Foot switch	Kacon from south korea	
Travel switch	Schneider electrcal from french	
Hydraulic system	Bosch-rexroth from germany	
Hydraulic Pump	Bosch-rexroth from germany	Optional
Tubing connector	EMB from Germny brand	
Manual Crowning system	From k machinery 2015 design	Optional
Three color alarm lamp	yesno	
CAFTEV CONFICURATION		

SAFTEY CONFIGURATION	8/		
Warning of high oil temperature	yes	○ no	
High oil pressure protection	• yes	● no	
motor overload protection	• yes	⊘ no	
Laser safety protection	• yes	no	
Left & Right side protection	yes	○ no	Fixded type (metal)
Electricity leaking protection	yes	● no	
Safty relay	yes	●no	
Monitoring and redundant valves	yes	⊙no	
saftey standards	● Ce	● NR-12	●OSHA ● CSA