

EBT-A sheet bending testing machine is specially used for sheet metal bending test, with high stability, repeatability and continuous testing characteristics. The equipment can carry out three-point bending test and flattening test on the sample, and can collect the test force and bending Angle data in real time during the test, so as to facilitate the study of the bending property of the sample.



**Specifications:**

Model	EBT204A	EBT504A	EBT105A
Vertical maximum force	20kN	50kN	100kN
Horizontal maximum force	20kN	50kN	100kN
Force range	1% ~ 100%FS	1% ~ 100%FS	
Force accuracy	0.5% of reading	0.5% of reading	
Force resolution	1/500000FS	1/500000FS	
Position resolution	0.3μm	0.3μm	
Piston maximum vertical speed	0.01~200mm/min	0.01~200mm/min	
Maximum vertical travel	150mm	200mm	

Horizontal supports moving speed	0.01~50mm/min	0.01~100mm/min
Distance between support rollers	1~50mm	1~100mm
Support roller	Φ20x70, Φ30x70	Φ20x70, Φ30x70
Mandrel diameter	R0.8, R1.0, R1.1, R1.2, R1.3, R1.4, R1.5, R1.6, R1.8, R2.0, R2.5, R2.8, R3.0, R3.2, R3.6, R4.0, R4.4, R4.8 <i>Optional only, please select</i>	
Mold thickness for U bend (Mold thickness = mandrel diameter)	2.0, 2.2, 2.4, 2.6, 2.8, 3.0, 3.2, 3.6, 4.0, 5.0, 5.6, 6.0, 6.4, 7.2, 8.0, 8.8, 9.6 <i>Optional only, please select</i>	
Specimen size	0.5~4 mm	0.5~4 mm
Dimension (W x D x H)	950x680x1720 mm	1270x700x2174 mm
Power supply	1-phase, AC220V, 50HZ, 2kW	1-phase, AC220V, 50HZ, 2kW
Weight	750 kg	1350 kg

### Accessories:

No.	Name	Description	QTY
1	Machine		1 set
1.1	Frame	High stiffness frame	1 set
1.2	Ball screw	Preload ball screw	2 sets
1.3	Horizontal loading	Servo motor	1 set
1.4	Vertical loading	Servo motor	1 set
1.5	Load cell	1 for vertical, 2 for horizontal	3 sets
2	Controller	DTC500 V1 1 for vertical, 1 for horizontal	2 sets
3	Protection cover	Full protection cover	1 set
4	Mandrel	Made according to order	1 set
5	Mold		
5	Test software	TestPilot V1.0, English version	1 set



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