



## 6.0 General Machine Specification

\* Based on Bystronic AFM-EPII Series Standard Configuration

Technical Specification				
Model	Unit	EPII 31-100	EPII 31-160	EP40-160
Capacity	Ton	100	160	160
Table length	mm	3150	3150	4050
Distance between side frame	mm	2550	2450	3400
No. of cylinders		2	2	2
Throat depth	mm	300	300	300
Day light	mm	465	465	465
Table width	mm	60	60	60
Working height	mm	920	920	920
Stroke length	mm	200	200	200
Approach speed	mm/s	100	100	100
Bending speed	mm/s	9.8	9.8	9.8
Return speed	mm/s	95	95	95
Tilting Upper beam	mm	+/- 13	+/- 13	+/- 13
Crowning		Hydraulic	Hydraulic	Hydraulic
Over-floor installation		yes	yes	yes
Length of machine	mm	4100	4100	5500
Width of machine	mm	2200	2200	2150
Height of machine	mm	2680	2680	2680
Weight of machine in Ton	Ton	9	9.4	9.8
Accuracy of Y axis	mm	0.01	0.01	0.01
Main Motor Electrical supply	KW	11	15	15
Air bending		Yes	Yes	Yes
Upper tool clamping		Manual	Manual	Manual
Die clamping		Manual	Manual	Manual
Backgauge range X	mm	600	600	600
X-axis travel	mm	600	600	600
Min. Travel speed X	mm/s	400	400	400
R-axis travel	mm	150	150	150
Traverse speed R	mm/s	150	150	150
Z1-Z2 travel	mm	2400	2400	3200
Traverse speed Z1-Z2		Manual	Manual	Manual
Number of Backgauge fingers		2	2	2
Accuracy X- axis	mm	0.1	0.1	0.1
Accuracy R-Z1-Z2	mm	0.1	0.1	0.1
Accuracy Z1-Z2		Manual	Manual	Manual