

Technical Data	DIM.	Bull 12	Bull 15
Press tonnage	kN(US tons)	1000(110)	1500(160)
Motor power	kW	2 x 5	3 x 5
Max. bending lenght (D)	mm	1320	1620
Distance between side frames	mm	1390	1690
Frame width (A)	mm	2200	2500
Frame height (B)	mm	2650	2950
Frame depth (C)	mm	1760	1760
Throat depth	mm	O-frame	O-frame
Table height	mm	900	900
Weight	kg	4500	5500
Daylight	mm	600	600
Y-axis stroke	mm	250	250
Y-axis repeating accuracy	mm	+/-0.002	+/-0.002
Y-axis max. working speed	mm/s	10(20*)	10(20*)
Y-axis approach speed	mm/s	40	40
Y-axis return speed	mm/s	40	40
X-axis speed	mm/s	500	500
X-axis accuracy	mm	+/-0.025	+/-0.025
X-axis stroke	mm	600	600
X-axis max. position dimension	mm	750	750
Delta X-axis speed	mm/s	100	100
Delta X-axis accuracy	mm	+/-0.025	+/-0.025
Delta X-axis stroke	mm	+/-50	+/-50
R-axis speed	mm/s	100	100
R-axis accuracy	mm	+/-0.05	+/-0.05
R-axis stroke	mm	200	200
Z-axis speed	mm/s	1000	1000
Z-axis accuracy	mm	+/-0.5	+/-0.5
Z-axis stroke	mm	120 to 1100	120 to 1400