

G BEND[®] *plus* Series

Standard equipment

- 2D graphic controller, 8" color Touch-Screen, CybTouch8
- Y1, Y2 independent hydraulic cylinders, proportional valve technology
- Extra welded-steel side frames
- Single-axis back gauge system X
- Mechanical upper tool clamping
- Mechanical lower tool clamping
- Efficient, low-noise and accurate hydraulic system
- Beam movement on two double roller bearings on each side
- Strong and stable construction
- Throat: 400mm
- Daylight: 515mm
- Stroke: 250mm
- **Bending length: 3400mm/4400mm**
- **Usable space between frames: 3050mm/4050mm**





Back gauge guiding system on machine's sides (free space at the back)



Automatic Thickness Measurement (ATM) and Bending Program Correction (optional)



5-axis back gauge, X-X'-R-Z1-Z2 (optional)



Heavy-duty front supports, moveable on linear guide, height adjustable (optional)



Manually measuring the bending angle and Bending Program Correction (optional)

		G Bend® <i>plus</i> 2080	G Bend® <i>plus</i> 2580	G Bend® <i>plus</i> 3080	G Bend® <i>plus</i> 3110	G Bend® <i>plus</i> 3140	G Bend® <i>plus</i> 3175	G Bend® <i>plus</i> 3210	G Bend® <i>plus</i> 3290
Bending force	[tons]	80	80	80	110	140	175	210	290
Working length	[mm]	2100	2900	3400	3400	3400	3400	3400	3400
Distance between uprights	[mm]	1550	2550	3050	3050	3050	3050	3050	3050
Throat depth	[mm]	400	400	400	400	400	400	400	400
Daylight	[mm]	515	515	515	515	515	515	515	515
Punch stroke	[mm]	250	250	250	250	250	250	250	250
Table width	[mm]	80	80	80	80	80	80 - 220	80 - 220	80 - 220
Fast speed	[mm/sec]	(0 - 180)	(0 - 180)	(0 - 180)	(0 - 180)	(0 - 180)	(0 - 160)	(0 - 160)	(0 - 150)
Working * speed	[mm/sec]	(0 - 20)	(0 - 20)	(0 - 20)	(0 - 20)	(0 - 20)	(0 - 20)	(0 - 20)	(0 - 15)
Upstroke speed	[mm/sec]	(0 - 160)	(0 - 160)	(0 - 160)	(0 - 160)	(0 - 160)	(0 - 140)	(0 - 130)	(0 - 120)
Hydraulic pressure (max)	[bar]	275	275	275	275	275	275	275	275
Main electric motor	[kW]	11	11	11	15	15	18.5	22	30
Length	[mm] A	3200	3700	4400	4400	4400	4400	4400	4400
Width	[mm] B	1700	1700	1700	1700	1700	1800	1950	1950
Height	[mm] C	2950	2950	2700	2750	2800	2950	3000	3100
Weight (approximate)	[kg]	7300	8000	8500	9500	11000	12500	14500	16200

* Working speed is limited according to safety regulations for CE countries.

		G Bend® 4140	G Bend® 4175	G Bend® 4210	G Bend® 4290	G Bend® 6175	G Bend® 6210	G Bend® 6290
Bending force	[tons]	140	175	210	290	175	210	290
Working length	[mm]	4400	4400	4400	4400	6100	6100	6100
Distance between uprights	[mm]	4050	4050	4050	4050	5050	5050	5050
Throat depth	[mm]	400	400	400	400	400	400	400
Daylight	[mm]	515	515	515	515	515	515	515
Punch stroke	[mm]	250	250	250	250	250	250	250
Table width	[mm]	80	80-220	80-220	220	220	220	220
Fast speed	[mm/sec]	(0 - 180)	(0 - 160)	(0 - 160)	(0 - 150)	(0 - 160)	(0 - 160)	(0 - 160)
Working * speed	[mm/sec]	(0 - 15)	(0 - 15)	(0 - 15)	(0 - 10)	(0 - 10)	(0 - 10)	(0 - 10)
Upstroke speed	[mm/sec]	(0 - 160)	(0 - 140)	(0 - 130)	(0 - 120)	(0 - 140)	(0 - 130)	(0 - 120)
Hydraulic pressure (max)	[bar]	275	275	275	275	275	275	275
Main electric motor	[kW]	15	18.5	22	30	18.5	22	30
Length	[mm] A	5400	5400	5400	5400	7400	7400	7400
Width	[mm] B	1800	1800	1950	1950	1800	1950	1950
Height	[mm] C	3100	3150	3200	3400	3400**	3600**	3900**
Weight (approximate)	[kg]	13600	15600	18000	22000	23000	24000	28000

* Working speed is limited according to safety regulations for CE countries.

** The machine is partially in the ground (special foundation required)

