

GBEND[®] *plus* Series

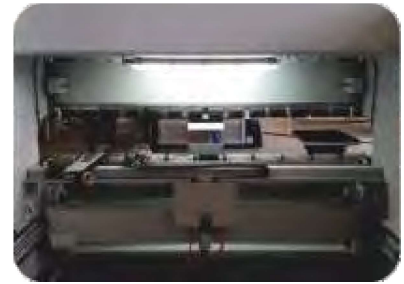
Standard equipment

- ✎ Industrial control Cybelec DNC 60.
- ✎ Y1, Y2 independent hydraulic cylinders, proportional valve technology.
- ✎ Extra welded frame on the sides.
- ✎ Single axis back gauge system X.
- ✎ Mechanical upper tool clamping.
- ✎ Mechanical lower tool clamping.
- ✎ Efficient, low noise and accurate hydraulic system BOSCH REXROTH.
- ✎ Ram guidance with two double roller bearings on each side.
- ✎ Rigid and stable construction.
- ✎ Throat depth: 400 mm.
- ✎ Daylight: 515 mm.
- ✎ Punch Stroke: 250 mm.
- ✎ Photoelectric beam for safety.

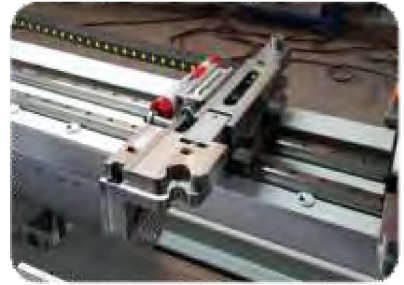
✎ **Bending Length: 3300mm.**

✎ **Free space between frames: 3050mm.**





Guiding of the back gauge at the machines side (free space at the back)



ATM, Automatic Thickness Measurement and Bending Program correction



Five (5) axes Back Gauge X-X'-R-Z1-Z2, including Delta-X, function



Innovative CNC Bending Aid with automatic height adjustment



Manual measurement of the bending angle and auto-correction

G BEND[®]_{plus} Series

		G Bend [®] _{plus} 3080	G Bend [®] _{plus} 3110	G Bend [®] _{plus} 3140	G Bend [®] _{plus} 3175	G Bend [®] _{plus} 3210	G Bend [®] _{plus} 3290
Bending force	[tons]	80	110	140	175	210	290
Working length	[mm]	3300	3300	3300	3400	3400	3400
Distance between uprights	[mm]	3050	3050	3050	3050	3050	3050
Throat depth	[mm]	400	400	400	400	400	400
Daylight	[mm]	515	515	515	515	515	515
Punch stroke	[mm]	250	250	250	250	250	250
Table width	[mm]	80	80	80	80 - 220	80 - 220	80 - 220
Fast speed	[mm/sec]	(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 - 15)
Upstroke speed	[mm/sec]	(0 - 160)	(0 - 160)	(0 - 160)	(0 - 140)	(0 - 130)	(0 - 120)
Hydraulic pressure (max)	[bar]	275	275	275	275	275	275
Main electric motor	[kW]	11	15	15	18.5	22	30
Length	[mm] A	4300	4300	4300	4400	4400	4400
Width	[mm] B	1700	1700	1700	1800	1950	1950
Height	[mm] C	2700	2750	2800	2950	3000	3100
Weight (approximate)	[kg]	8500	9500	11000	12500	14500	16000

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

		G Bend [®] _{plus} 4140	G Bend [®] _{plus} 4175	G Bend [®] _{plus} 4210	G Bend [®] _{plus} 4290
Bending force	[tons]	140	175	210	290
Working length	[mm]	4400	4400	4400	4400
Distance between uprights	[mm]	4050	4050	4050	4050
Throat depth	[mm]	400	400	400	400
Daylight	[mm]	515	515	515	515
Punch stroke	[mm]	250	250	250	250
Table width	[mm]	80	80-220	80-220	220
Fast speed	[mm/sec]	(0 - 180)	(0 - 160)	(0 - 160)	(0 - 150)
Working * speed	[mm/sec]	(0 - 15)	(0 - 15)	(0 - 15)	(0 - 10)
Upstroke speed	[mm/sec]	(0 - 160)	(0 - 140)	(0 - 130)	(0 - 120)
Hydraulic pressure (max)	[bar]	275	275	275	275
Main electric motor	[kW]	15	18.5	22	30
Length	[mm] A	5400	5400	5400	5400
Width	[mm] B	1800	1800	1950	1950
Height	[mm] C	3100	3150	3200	3400
Weight (approximate)	[kg]	13000	15000	16000	18000

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

