

G FLEX[®] Series

Standard equipment

- ↘ 2D graphic controller, 12" color Touch-Screen, CybTouch12
- ↘ Y1, Y2 independent hydraulic cylinders, proportional valve technology
- ↘ Extra welded-steel side frames
- ↘ 2-axis back gauge system, X-R
- ↘ Fast mechanical upper clamping with side tooling extraction
- ↘ CNC Crowning
- ↘ Front Supports with brushes, movable on linear guide, height adjustable
- ↘ 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





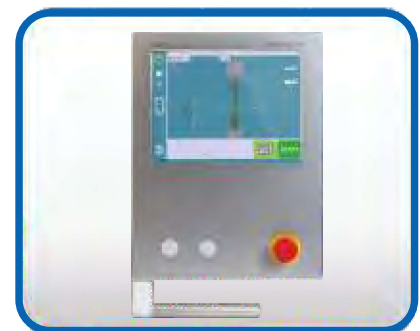
Front Supports with brushes, movable on linear guide, height adjustable.



2-axis back gauge, X-R.




CNC Crowning



2D graphic Controller, 12" Touch Screen, CybTouch12, including Touch Profile function and automatic bend sequence calculation.

Benefits at a glance

 **ROBUST** Extra welded-steel side frame to increase machine's rigidity and minimize deformation.

 **ACCURACY & SPEED** Double upper and lower roller bearing for accurate and fast beam movement.

 **FLEXIBILITY** Heavy duty finger stops, with maximum stop position at 1200mm

 **EASY OPERATING** User friendly Color Touch-Screen controller, with 2D graphics.

CYBTOUCH 12 PS

Easy Operating

- Large touchscreen, with vivid colors and high-contrast.
- Hand drawing TouchProfile function.
- Simple pages, clear display, large keys.
- Intuitive and user-friendly interface.
- Complete programming for efficient mass-production with multiple bends.
- Easy single bends thanks to the EasyBend page.
- Online help and interactive warning pop-up.
- Comfortable wireless software updating and data back-up using PC or Notebook.
- USB port for memory sticks.
- Large selection of languages available.



Better Bending

- Various automatic calculations of bend functions.
- Bending sequences and programs can be memorized.
- Angle, pressure and crowning management.
- Easy manual movement.



Powerful

- 4 axes control (Y1-Y2-X-R).
- TouchProfile 2D graphic part creation with manual sequencing.
- Bend allowance calculation.
- Pressure – crowning calculation.
- Modulable tools for each part or bend.
- Punch depth calculation.
- Angle and back gauge correction.
- Delivered with PC-ModEva offline software.



Advanced Functions

- Automatic bend sequence calculation.
- Hand drawing Touch Profile function.

		G Flex® 2080	G Flex® 3080	G Flex® 3140	G Flex® 3175	G Flex® 3210	G Flex® 4140
Bending force	[tons]	80	80	140	175	210	140
Working length	[mm]	2100	3100	3100	3100	3100	4100
Distance between uprights	[mm]	1550	2550	2550	2550	2550	3550
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	80	80
Fast speed	[mm/sec]	120	120	120	120	120	120
Working speed	[mm/sec]	10	10	10	10	10	10
Upstroke speed	[mm/sec]	110	110	110	110	110	110
Hydraulic pressure (max)	[bar]	275	275	275	275	275	275
Main electric motor	[kW]	11	11	15	18.5	22	15
Length	[mm] A	3000	4000	4000	4000	4000	5000
Width	[mm] B	1700	1700	1800	1850	1900	1850
Height	[mm] C	2600	2700	2700	2900	2900	3050
Weight (approximate)	[kg]	6000	8500	10000	11200	13200	12400