

Formech FLB Series

Strip Heaters Machines

The FLB Series is a range of line benders using Incoloy heating elements to bend plastic up to 10mm thick.

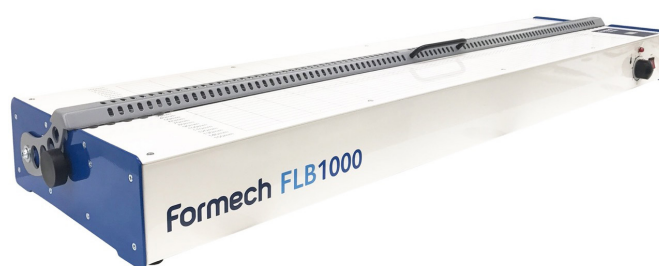
The FLB500 enables quick and controlled bends in a sheet of plastic up to 500mm wide, while the FLB1000 forms bends in plastic sheets up to 1000mm wide.

The FLB1000 features a built-in timer for precise and repeatable production runs, as well as an adjustable heating gap, allowing for more precise bends.

Both machines feature a printed measurement grid to ensure correct alignment, and a guard to protect users and securely clamp the plastic sheet.

They also include a dedicated cooling jig with a fully-adjustable 180° range to maintain the desired angle of the heated bent plastic whilst cooling.

Optional extras include a 3mm width reducer to create a sharper bend in thicker material or an accurate, sharp bend in material of less than 1mm, and an adjustable fence to ensure exact positioning of the sheet each time. Additional cooling jigs are sold separately.



Dedicated Cooling Jig

Technical Specifications FLB500

Heating Width	Heating Elements	Timer	Alarm	Material Clamp	Temperature Regulator
500mm / 19.7"	Incoloy	No	No	Yes	Yes

Width	Height	Depth	Weight	Electrical Specifications
680mm / 28"	175mm / 7"	330mm / 13"	8kg / 17lbs	208-240V / 250W / 13A - Single Phase or 120V (USA)

Technical Specifications FLB1000

Heating Width	Heating Elements	Timer	Alarm	Material Clamp	Temperature Regulator
1000mm / 39"	Incoloy	Yes	Yes	Yes	Yes

Width	Height	Depth	Weight	Electrical Specifications
1310mm / 51.6"	150mm / 6"	375mm / 14.8"	22kg / 48.5lbs	208-240V / 750W / 13A - Single Phase

Formech FLB Series customers include:

- Design Academy Eindhoven (Education – Belgium)
- Sheffield Hallam University (Education – UK)
- New York Institute of Technology (Education – USA)
- University of Plymouth (Education – UK)
- Humber College (Education – Canada)
- University of Nottingham (Education – UK)
- Google Inc. (Prototyping / Product development – USA)
- Massachusetts Institute of Technology (Education – USA)
- Musée d'Art et d'Histoire (Museum – Switzerland)
- Asian Art Museum (Museum / Art Galleries – USA)

For more information and product videos formech.com